

## Program

### Wednesday Evening ■ April 14, 2010

[1] **OPENING SESSION**

**FORUM ■ ARCHAEOLOGY NOW: INTERSECTIONS OF THEORY, METHOD, AND PRACTICE IN THE 21ST CENTURY**

**Room:** 220/221/227/228/229 (AC)

**Time:** 6:00 PM–8:00 PM

**Organizer:** James Snead

**Participants:**

Elizabeth Arkush—Discussant  
Matthew Liebmann—Discussant  
Dawnie Steadman—Discussant  
Monica Smith—Discussant

### Thursday Morning ■ April 15, 2010

[2] **SYMPOSIUM ■ STONE HOES AND BAYONETS IN THE AMERICAN BOTTOM: THE BEGINNINGS OF MISSISSIPPIAN AND EARLY AMERICAN FRONTIER OCCUPATIONS IN GRANITE CITY, ILLINOIS**

**Room:** 106 (AC)

**Time:** 8:00 AM–9:30 AM

**Organizer:** Robin Machiran

**Chairs:** Robin Machiran and Joe Harl

**Participants:**

8:00 Robin Machiran—The Alexander Jacob Site: A Review of the Findings at a Early Mississippian Site in the American Bottom  
8:15 John Klein—Mississippian Beginnings: A Lithic Perspective of the Alexander Jacob Site  
8:30 Janet Kneller and Sophie Kohn—Utilitarian Pottery at the Alexander Jacob Site (11MS2288) That is Better than any Effigy Pot!  
8:45 Zarley Zafe and Joseph Harl—Unusual Pottery Vessels at the Alexander Jacob Site  
9:00 Anthony Machiran and Robin Machiran—An Early American Frontier Farmstead in the American Bottom  
9:15 Meredith Hawkins—A Hearth and Sickles: An Examination of Feature 22 at the Squire Site (11MS2244) Granite City, Illinois

**[3] FORUM ■ RAISING THE PROFILE III: INCREASING PROTECTION FOR ARCHAEOLOGICAL RESOURCES AT THE LOCAL LEVEL**

*(Sponsored by Government Affairs Committee, Public Education Committee, Public Archaeology Interest Group)*

**Room:** 104 (AC)

**Time:** 8:00 AM–9:45 AM

**Organizer, Chair, and Moderator:** David Cushman

**Participants:**

Kirsti Uunila—Discussant  
Wendy Wright—Discussant  
Susan Renaud—Discussant  
Jan Cameron—Discussant  
Carol Condie—Discussant  
William Lees—Discussant  
Douglas Mooney—Discussant

**[4] SYMPOSIUM ■ RESIDUE ANALYSIS 1: THE TAPHONOMY OF ARCHAEOLOGICAL RESIDUES**

*(Sponsored by Society for Archaeological Sciences)*

**Room:** 232 (AC)

**Time:** 8:00 AM–9:45 AM

**Organizer:** Maria Raviele

**Chair:** Hanneke Hoekman-Sites

**Participants:**

8:00 Andrew Barker, Barney Venables, Stanley Stevens and Steve Wolverton—  
Exploring Protein-Ceramic Interactions Using TOC Analysis, Protein Assays and  
LC-MS

8:15 Zuzana Chovanec—An Experimental Approach to the Analysis of Opium  
Residues

8:30 William Lovis, Gerald Urquhart, Robert Feranec and John Hart—Alkali Processing  
of Maize and Resultant  $\delta^{13}\text{C}$  Values on Systematic Experimental Carbonized  
Residue C3 Food Mixes

8:45 Maria Raviele—The Implications for Maize Microbotanical Taphonomy via  
Experimental and Archaeological Residues

9:00 Shannon Tushingham, Jelmer Eerkens, Oliver Fiehn, Jimmy Nguyen and Diana  
Nguyen—Gas Chromatography-Mass Spectrometry Analysis of Alkaloid Residue  
in Ancient and Experimental Pipes

9:15 Charlotte Pevny, Tim Riley, James Wiederhold and Daniel Welch—Usewear and  
Residue Analyses on Tools from the Lower Pecos Canyonlands: Exploring Tool  
Function through Experimental Comparison

9:30 Kathryn Puseman, Linda Scott Cummings and Melissa Logan—Organic Residues:  
Prehistoric Signatures and Curation Contamination

**[5] GENERAL SESSION ■ AGRICULTURE, ANIMALS AND CLIMATE IN MAYA LOWLANDS**

**Room:** 102 (AC)

**Time:** 8:00 AM–10:00 AM

**Chair:** Robert Rosenswig

**Participants:**

8:00 Christine Dixon—Agricultural Organization and Field Boundaries: A Brief Look at

- Cerén, El Salvador
- 8:15 Payson Sheets—What Were the Maya Doing with All That Manioc at Ceren?
- 8:30 Robert Rosenswig, Daniel Seinfeld, Sean Higgins and Wilberth Cruz Alvarado—Ancient Maya Food from Formative Period San Estevan, Belize
- 8:45 Kristen Scudder—An Investigation of Turtle Use at Isla Civituk, Campeche, Mexico
- 9:00 Wendy Solis—Ancient Maya Exploration of the Jute (*Pachychilus* Spp.) at the Site of Minanha, West Central Belize
- 9:15 Andrea Prentice, Elizabeth Webb, Christine White and Elizabeth Graham—Stable Isotope Dendroclimatology using Tropical Trees and Wooden Artefacts from Lamanai, Belize
- 9:30 Kelley Rich and C. Fred T. Andrus—Oxygen Isotope Geochemistry of the Freshwater "Jute" Snail (*Pachychilus* sp.): A Potential Ultra-local Seasonal Paleoclimate Proxy for Tropical Mesoamerica
- 9:45 Bruce Dahlin—A Tale of Three Cities: Revisiting the AD 536 Event in the Maya Lowlands

**[6] GENERAL SESSION ■ CALIFORNIA ARCHAEOLOGY FROM THE EARLY HOLOCENE TO THE COLONIAL PERIOD**

**Room:** 226 (AC)

**Time:** 8:00 AM–9:45 AM

**Chair:** Sarah Peelo

**Participants:**

- 8:00 Edward Knell—Organization of Lithic Technology at the C.W. Harris Site, California: Type Site for the Early Holocene San Dieguito Complex
- 8:15 Brent Leftwich—Working from Home: The Case for Permanent Year-Round Settlements in the Sierra Nevada
- 8:30 Carly Whelan—Prehistoric Subsistence-Settlement Patterns of the West-Central Sierra Nevada Foothills
- 8:45 Cristie Boone—One Fish, Two Fishes: How Taxonomic Diversity Affects Foraging Decisions
- 9:00 Sean Brown—Trans-Holocene Mussel Procurement Strategies on Isla Cedros, Baja California
- 9:15 Michael Merrill and Dwight Read—A New Method Using Graph and Lattice Theory to Discover Spatially Cohesive Sets of Artifacts and Areas of Organized Activity in Archaeological Sites
- 9:30 Sarah Peelo—(Sometimes) Low Fired Earthenwares, Daily Practice, and Identity: The Production and Reproduction of Indigenous Social Identities in Spanish California

**[7] SYMPOSIUM ■ NAGPRA IN 20/20 VISION: REVIEWING 20 YEARS OF REPATRIATION AND LOOKING AHEAD TO THE NEXT 20**

*(Sponsored by Committee on Native American Relations)*

**Room:** 103 (AC)

**Time:** 8:00 AM–10:00 AM

**Organizer and Chair:** Dorothy Lippert

**Participants:**

- 8:00 Joe Watkins—'Naturalizing' the Native, Appropriating the Ancestors: Kennewick and an Unintended Impact of Repatriation
- 8:15 Kerry Thompson—Who is, or Was, Native American?: The Role of Archaeology in American Indian Identity

**30 (R)=Renaissance Grand St. Louis (AC)=America's Center Thursday Morning: April 15, 2010**

- 8:30 Sonya Atalay—Grandmothers and Grandfathers|Culturally Unidentifiable: NAGPRA and The Power of Naming
- 8:45 Elisabeth Cutright-Smith, Wendi Field Murray and Kacy Hollenback—Twenty Years Later: A Quantitative Assessment of NAGPRA's Impacts on American Archaeology
- 9:00 Michael Wilcox—Genes and Cultural Identity: Boundaries, Boundary Makers and the Cultural Mythology of DNA
- 9:15 Michelle Schohn—Another Step Removed: How NAGPRA further Disenfranchised non-Federal Tribes
- 9:30 Dorothy Lippert—Memory and Longing in the Practice of Repatriation
- 9:45 Larry Zimmerman—Discussant

**[8] SYMPOSIUM ■ RESULTS OF NEW EXCAVATIONS AT THE MIDDLE PALEOLITHIC SITE OF ROC DE MARSAL**

**Room:** 267 (AC)

**Time:** 8:00 AM–9:45 AM

**Organizers:** Harold Dibble and Dennis Sandgathe

**Chair:** Dennis Sandgathe

**Participants:**

- 8:00 Harold Dibble, Paul Goldberg, Shannon McPherron, Dennis Sandgathe and Alain Turq—An Overview of Roc de Marsal
- 8:15 Alain Turq, Harold Dibble, Shannon Mac Pherron, Dennis Sandgathe and Jean Philippe Faivre—The Quina Occupations at Roc de Marsal (France)
- 8:30 Shannon McPherron, Harold L. Dibble, Dennis M. Sandgathe and Alain Turq—Small Flake Production and the Levallois Assemblages from the Lower Levels at Roc de Marsal, Dordogne
- 8:45 Anne Skinner, Bonnie A. B. Blackwell, Charles F. Shafer, Pierre Guibert and Tenzing Tsomo—ESR Dates for the Mousterian Layers and Neanderthal Infant at Roc de Marsal, Dordogne, France
- 9:00 Guillaume Guerin, Christelle Lahaye, Pierre Guibert and Norbert Mercier—OSL and TL dating of the Roc de Marsal (Dordogne, France): Preliminary Results
- 9:15 Vera Aldeias, Harold Dibble, Paul Goldberg, Shannon McPherron and Dennis Sandgathe—The Mousterian Combustion Features at Roc de Marsal
- 9:30 Dennis Sandgathe, Harold L. Dibble, Paul Goldberg and Shannon P. McPherron—The Neandertal Child from Roc de Marsal: A Re-appraisal of its Status as an Intentional Burial

**[9] SYMPOSIUM ■ THE EARLY FARMING IN DALMATIA PROJECT 2003-2009: NEW INSIGHTS ON THE SPREAD OF FARMING TO THE ADRIATIC**

**Room:** 101 (AC)

**Time:** 8:00 AM–10:00 AM

**Organizer and Chair:** Andrew Moore

**Participants:**

- 8:00 Marko Mendusic and Emil Podrug—The culture of Danilo Bitinj and Pokrovnik: results of excavations from 2003 to 2006
- 8:15 Sarah McClure and Emil Podrug—The Pottery of Pokrovnik and Danilo Bitinj: 1,000 years of Pottery Production in Dalmatia
- 8:30 Drago Margus—Evidence for Marine Shellfish Exploitation at Danilo Bitinj and Pokrovnik
- 8:45 Andrew Moore, Susan Colledge, Anthony Legge and Kelly Reed—Economy, Chronology, and Environment

- 9:00 Robert Tykot, Emil Podrug and Darko Komšo—The Spread of Obsidian in the Adriatic during the Neolithic: New Evidence from Dalmatia and Istria
- 9:15 Jennifer Smith—Prospects for Environmental Reconstruction for the Holocene of Dalmatia
- 9:30 Cynthia Fadem, Jennifer R. Smith, Andrew Moore and Marko Mendjusic—Soils & Site Choice in Neolithic Dalmatia
- 9:45 T Douglas Price—Discussant

**[10] FORUM ■ SCIENCE IN SUPPORT OF ARCHAEOLOGY: WHAT IS STATE-OF-THE-ART?**

*(Sponsored by PaleoResearch Institute)*

**Room:** 241 (AC)

**Time:** 10:00 AM–12:00 PM

**Organizer:** R. Varney

**Chair:** Linda Scott Cummings

**Participants:**

- Kathryn Puseman—Discussant
- R. Varney—Discussant
- Linda Scott Cummings—Discussant
- Chad Yost—Discussant
- Melissa Logan—Discussant

**[11] SYMPOSIUM ■ THE POWER OF ENVIRONMENT: APPROACHING ARCHAEOLOGICAL INVESTIGATIONS FROM A POLITICAL ECOLOGY FRAMEWORK**

**Room:** 227 (AC)

**Time:** 8:00 AM–10:15 AM

**Organizers and Chairs:** Madeleine McLeester and Melissa Rosenzweig

**Participants:**

- 8:00 Madeleine McLeester and Melissa Rosenzweig—Managing Nature: Integrating Political Ecology and Archaeology
- 8:15 Tina Thurston—Political Ecology and Colonial Encounters: Some Examples from Northern Europe
- 8:30 Melissa Rosenzweig—Under the Green Thumb of Assyria
- 8:45 Joy McCorriston and Matthew Senn—Political Ecology of Frankincense Production in Southern Arabia
- 9:00 Laura Popova—Political Ecology and Pastoral Past
- 9:15 Christine Hastorf—Sustainability, Decisions and Political Power: What do Long-term, Changing Farming Strategies of the Andes tell us?
- 9:30 Christopher Fisher—Political Ecology and the Built Environment: New Insights from the Lake Pátzcuaro Basin, Michoacán, Mexico
- 9:45 Andrew Bauer—An Archaeology of 'Nature': South Indian Landscape History and the Construction of the Natural
- 10:00 Kathleen Morrison—Separate Histories, Separate Archaeologies: a Political Ecology of Foraging, Farming, and Rule in South Asia

**[12] FORUM ■ ESTABLISHING TDAR: THE DIGITAL ARCHAEOLOGICAL RECORD**

**Room:** 240 (AC)

**Time:** 8:00 AM–10:30 AM

**Organizer and Chair:** Francis McManamon

**Participants:**

Margaret Nelson—Discussant  
Katherine Spielmann—Discussant  
Keith Kintigh—Discussant  
Francis McManamon—Discussant  
Julian Richards—Discussant  
Fred Limp—Discussant

**[13] GENERAL SESSION ■ ARCHAEOLOGY IN MEXICO**

**Room:** 224 (AC)

**Time:** 8:00 AM–10:45 AM

**Chair:** Susan Gillespie

**Participants:**

8:00 Ayla Amadio—Ritual Use of Animals at Formative Period Tayata  
8:15 John Millhauser—Obsidian, Conflict, and Commerce in Postclassic Tlaxcala  
8:30 Marijke Stoll—Es Nuestra Tradición: An Ethnographic Study of the Pelota Mixteca Ballgame and Its Archaeological Implications  
8:45 Arthur Joyce, Sarah Barber, Marc Levine and Hal Baillie—The Acropolis at Río Viejo, Oaxaca, Mexico: Political Implications of its Initial Construction, Use, and Abandonment  
9:00 Susan Gillespie—Maps as Re-presentations: A Case Study of Complex A, La Venta, Mexico  
9:15 Ryan Schuermann and Charles D. Trombold—Extended Excavations on a Large Satellite Village of La Quemada, Zacatecas, Mexico  
9:30 Charles Trombold—Recent Excavations on the La Quemada Agricultural Terraces, Zacatecas, Mexico  
9:45 Rex Koontz—The Role of the Palma in the Construction and Maintenance of Central Veracruz Elites  
10:00 Christopher Morehart—Configurations of Prosperity, Power and Tragedy: Cooperation and Change in the Creation, Maintenance, and Collapse of Chinampa Agriculture at Xaltocan, Mexico  
10:15 Angela Huster—Changes in Cloth Production at Calixtlahuaca as a Result of Aztec Conquest  
10:30 Ruth Fauman-Fichman—Alliance or Aloofness in Tlaxcala Prehistory?

**[14] SYMPOSIUM ■ WHITHER SOUTHWEST ARCHAEOLOGY?**

**Room:** 222 (AC)

**Time:** 8:00 AM–10:45 AM

**Organizer:** Tim Kohler

**Chair:** Andrew Duff

**Participants:**

8:00 Tim Kohler—Making Use of the Strengths of Southwest Archaeology to Understand Social Construction Processes  
8:15 Jeff Altschul and William M. Graves—Chasing our Tails: A Look Forward in Southwest CRM

- 8:30 TJ Ferguson and Barbara J. Mills—Reuniting Southwestern Ethnography with Archaeology  
8:45 Elisa Villalpando—Borderlands Archaeology: Viewing North from South  
9:00 Ruth Van Dyke—Art “To Think With:” Toward an Aesthetic Southwest Archaeology  
9:15 Michelle Hegmon—From the Inside Looking Out: What is the Influence of Southwest Archaeology Beyond the Southwest?  
9:30 Severin Fowles—On Narrative in Southwest Archaeology  
9:45 William Doelle and John Kantner—The Nonprofit “Pentagon” of the Southwest  
10:00 Steve Lekson—The End of History and the Last SW Archaeologist  
10:15 Linda Cordell—Discussant  
10:30 Vincas Steponaitis—Discussant

**[15] SYMPOSIUM ■ CAHOKIA 2010: SITUATING AN ANCIENT INDIGENOUS CITY IN THE WORLD**

**Room:** 223 (AC)

**Time:** 8:00 AM–11:00 AM

**Organizer:** Timothy Pauketat

**Chair:** Susan Alt

**Participants:**

- 8:00 Timothy Pauketat—What's the Big Idea? Cahokia's City Plan and Beyond  
8:15 Jeff Kruchten and Joseph Galloy—Uncovering the Early Cahokian Residential Zone at East St. Louis  
8:30 Melissa Baltus—Community in Conflict? Warfare and Violence in Cahokian History  
8:45 Kent Reilly—Visualizing Primordial Creation: Art and Ideology at the Mississippian Site of Cahokia  
9:00 Staffan Peterson and Timothy Pauketat—Archaeoastronomy and the Angel-Cahokia Connection  
9:15 Susan Alt—How Many People Does it Take to Change a Polity: Immigration, Complexity and Cahokia  
9:30 Ben Auerbach and Thaddeus Bissett—One from many? Mississippian Morphological Variation in Body Shape and Proportions  
9:45 Thomas Emerson and Timothy R. Pauketat—Rethinking Cahokian Identity  
10:00 Carrie Wilson—Cahokia – More than You Would Think  
10:15 Alice Kehoe—Cahokia in the Early Postclassic American World  
10:30 Michael Parker Pearson—The Stonehenge Factor: Monumental Comparisons and Heritage Concerns  
10:45 Norman Yoffee—Discussant

**[16] SYMPOSIUM ■ COMMON PROBLEMS, UNCOMMON SOLUTIONS? SPECIALIZATION, INTENSIFICATION AND DIVERSIFICATION IN MEDITERRANEAN-TYPE AND ADJACENT ENVIRONMENTS**

**Room:** 231 (AC)

**Time:** 8:00 AM–11:15 AM

**Organizers:** Tiina Manne and Britt Starkovich

**Chairs:** Britt Starkovich and Tiina Manne

**Participants:**

- 8:00 Tiina Manne and Nuno Bicho—Never Too Much of a Good Thing: Continuation of Subsistence Patterns during the Upper Paleolithic in southwestern Portugal

- 8:15 Britt Starkovich—Intensification of Small Game Resources in Southern Greece from the Middle through Upper Paleolithic
- 8:30 Natalie Munro and Mary C. Stiner—Diversity Analysis of the Late Paleolithic and Mesolithic Fauna of Franchthi Cave, Greece
- 8:45 Bryan Hockett—Nutritional Consequences of Middle Paleolithic Diets on Pregnant Neanderthal Women
- 9:00 Robert Losey and Tatiana Nomokonova—Hunter-gatherers of Middle Holocene Lake Baikal, Siberia: Biocultural Discontinuity, Climate Change, and the Zooarchaeological Record
- 9:15 Rebecca Dean—The Mesolithic/Neolithic Transition in Coastal Portugal
- 9:30 Emily Jones—Contextualizing Rabbit Hunting in Mediterranean Spain: A Comparative Approach
- 9:45 Guy Bar Oz, Reuven Yeshurun and Mina Weinstein-Evron—Trends in Ungulate Exploitation in the Epipalaeolithic of the coastal plain, Israel
- 10:00 Eugène Morin—Diet Breadth in the early Upper Paleolithic of France
- 10:15 Jonathan Haws—Human-environment interaction during the Upper Paleolithic in central Portugal
- 10:30 Joe Dortch—Late Pleistocene Environmental Change and the Evidence for an Economic Response in south-western Australia
- 10:45 Torben Rick and Todd Braje—What is Natural and What is Anthropogenic in the Historical Ecology of California's Channel Islands?
- 11:00 Mary Stiner—Discussant

**[17] SYMPOSIUM ■ GENDERED LABOR IN SPECIALIZED ECONOMIES**

*(Sponsored by WAIG)*

**Room:** 220 (AC)

**Time:** 8:00 AM–11:00 AM

**Organizer and Chair:** Sophia Kelly

**Participants:**

- 8:00 Traci Ardren and Alejandra Alonso—Engendering Craft Producers During a Period of Economic Change: The Shell, Textile, and Lithic Artisans of Terminal Classic Xuenkal, Yucatan, Mexico
- 8:15 Michael Callaghan—Credit Where Credit's Due: Toward Engendering Preclassic Maya Ceramic Production
- 8:30 Liam Frink—Gendered Specialized Production of Seal Pokes and Storage among western Arctic Hunter-gatherers
- 8:45 Sophia Kelly—Transformations to Gendered Labor Roles with the Rise of a Hohokam Specialized Economy
- 9:00 Kathryn Arthur—Reevaluating Gender Roles and Stone Tool Technology in Prehistoric Economies
- 9:15 Sylvie Beyries—Domestic Activities, Craft and Environment
- 9:30 Alysia Fischer—Gender and Glass: An Historical and Contemporary Consideration
- 9:45 Brigitte Kovacevich—Gender, Craft Production and the State: Problems with "Workshops"
- 10:00 Cathy Costin—Gendered Divisions of Labor in the Chimu and Inka Political Economies
- 10:15 Ann Stahl—Complementary Crafts: Metallurgy, Potting and Inter-Regional Trade in Banda, Ghana
- 10:30 Héctor Hernández—Gendered Labor and Daily Life Economy in Classic Maya Households from Siho, Yucatan, Mexico
- 10:45 Rita Wright—Discussant



**[18] SYMPOSIUM ■ THE ARCHAEOLOGY OF HUACAS: EXPLORING THE MATERIALITY, MEANING, AND EFFICACY OF SACRED OBJECTS AND PLACES IN THE ANDES**

**Room:** 105 (AC)

**Time:** 8:00 AM–11:00 AM

**Organizer:** Tamara Bray

**Chair:** Anita Cook

**Participants:**

- 8:00 Tamara Bray—Putting Huacas in Context
- 8:15 Zach Chase—What is a Huaca? When is a Huaca?
- 8:30 Bruce Mannheim and Guillermo Salas Carreño—Understanding the Andean Sacred: A Dozen Principles
- 8:45 Steven Kosiba—The Sanctity of Home: Social Crisis and Sacred Things within Inka Households
- 9:00 Frank Meddens, Nick Branch, Millena Frouin and Colin McEwan—Locating Usnu: The Inca Rationale for the Placement of Sacred Platforms
- 9:15 Colin McEwan, Frank Meddens, Gabriel Ramon, Francisco Ferreira and Cirilo Vivanco—Re-cognizing and Marking the Andean Landscape: Ushnu, Apachetas, Sayhuas and Wankas
- 9:30 Jason Yaeger—Transforming Sacred Space at Tiwanaku: Inka Sacrificial Offerings at the Pumapunku Temple Complex
- 9:45 Kryzstof Makowski, Mila Jimenez and Gabriela Oré—New Lights on the Pachacamac Oracular Center in the Inca Time
- 10:00 Rafael Segura Llanos and Izumi Shimada—Pachacamac as an Embodiment of the Water and Life Cycle
- 10:15 Anita Cook—The Pageantry of Empire: Huari Shrines and Devotional Practices (AD 550-1000)
- 10:30 John Janusek—Animistic Ecology and the Creation of Ritual Centers in the Formative South-Central Andes
- 10:45 John Topic—Discussant

**[19] SYMPOSIUM ■ THE VILLAGE ECODYNAMICS PROJECT II**

**Room:** 242 (AC)

**Time:** 8:45 AM–12:00 PM

**Organizers:** R. Kyle Bocinsky and Scott Ortman

**Chair:** Mark Varien

**Participants:**

- 8:45 Mark Varien—The Village Ecodynamics Project: Modeling Long-Term Interaction Between Pueblo People and Their Environment in the Northern Southwest
- 9:00 Donna Glowacki, Charles Reed, R. Kyle Bocinsky, Shanna Diederichs and Julie A. Bell—Making Sense of the Actual: Settlement Trends in the Southwestern Colorado VEP Study Areas
- 9:15 R. Kyle Bocinsky, Brian Kemp and BreAnne Nott—Plop!: 'Unorthodox' aDNA Studies for Reconstructing Domestication and Migration
- 9:30 Ziad Kobti and Denton Cockburn—Village Functional Specialization Framework
- 9:45 Stefani Crabtree, Ben Ford and Tim Kohler—Modeling or Simulation? Assessing Settlement Patterns—Real and Modeled—in the VEP World
- 10:00 Steve Wolverton, Scott Ortman and Lisa Nagaoka—Assessing VEP Productivity Predictions with Zooarchaeological Relative Abundance Data in the Mesa Verde Region
- 10:15 Scott Ortman—Population History and Population Movement Between the VEP Study Areas

- 10:30 Sam Duwe—Coalescence, Continuity, and Change in the Tewa Basin, New Mexico
- 10:45 Laura DeFrank, Nathan Goodale, Fumi Arakawa, Brian Connolly and Timothy A. Kohler—A Breadcrumb Trail: Using Projectile Point Variation to Address Migration
- 11:00 Ben Bellorado, Kurt F. Anschuetz and Rory P. Gauthier—Plant Seeds and Village Needs: Modeling Village Agriculture in the Central Mesa Verde and Northern Rio Grande Across the Dimensions of Time and Space
- 11:15 Jeremy Kulisheck and J. Michael Bremer—Pueblo Demographic Change in the Northern Rio Grande after A.D. 1450: Implications for the Village World
- 11:30 John Kantner—Discussant
- 11:45 Tim Kohler—Discussant

**[20] SYMPOSIUM ■ ONE MORE TANGO AT MAYAPÁN: STUDIES OF URBAN LIFE AT A LATE MAYA POLITICAL CAPITAL**

**Room:** 230 (AC)

**Time:** 8:00 AM–11:30 AM

**Organizers:** Marilyn Masson, Timothy Hare and Bradley Russell

**Chair:** Timothy Hare

**Participants:**

- 8:00 Marilyn Masson—Discussant
- 8:15 Bradley Russell—Demographic and Sociopolitical Implications of Survey Outside of Mayapán's Defensive Wall
- 8:30 Timothy Hare and Marilyn Masson—Pottery Assemblage Variation at Mayapán Residences
- 8:45 Marilyn Masson—Economic Linkages from Houselot to Temple at the Ancient Capital City of Mayapán
- 9:00 Susan Milbrath and Carlos Peraza—Effigy Censers of Mayapan: Context, Iconography, and External Connections
- 9:15 Pedro Delgado Kú, Marilyn Masson, Bárbara Escamilla Ojeda and Carlos Peraza Lope—El Templo H-17 y la Sala Columnada H-15 del Grupo Itzmal Ch'en y su Contexto Comparativo
- 9:30 Richard Terry, Daniel Bair, Bruce Dahlin and Timothy Hare—Soil Geochemical Analysis of Public Squares at the Postclassic City of Mayapan, Yucatan
- 9:45 Stanley Serafin—Taphonomy of an Assemblage of Burned and Battered Human Remains at Mayapán
- 10:00 Robert Hutchinson—The Sociopolitical Structure of Mayapán: An Analysis of the City's Burial Patterns
- 10:15 Bárbara Escamilla Ojeda and Pedro Delgad Kú—La Obsidiana del Barrio Itzmal Ch'en de Mayapán, Yucatán
- 10:30 Elizabeth Paris—Molding Identity at Mayapan: The Multifaceted Uses of Metal at an Urban Center
- 10:45 Betsy Kohut—A Non-Domestic Lithic Workshop in Barrio Itzmal Ch'en, Mayapán
- 11:00 Elizabeth France, Elizabeth Paris and Jonathan White—Delving into Debitage: The Spatial Distribution and Scalar Variation of Shell and Lithic Production at Mayapan Houselots
- 11:15 Caroline Antonelli—Analyzing Ceramic Production and Consumption at Mayapan

**[21] GENERAL SESSION ■ PALEOINDIAN STUDIES**

**Room:** 221 (AC)

**Time:** 8:00 AM–11:15 AM

**Chair:** E. Dixon

**Participants:**

- 8:00 E. Dixon—The First Colonization of the Americas: New Insights from Large-scale Paleogeographic Reconstructions
- 8:15 Michael Kunz—Clovis Progenitors: Immigrants or Home Grown?
- 8:30 Derek Anderson—Paleoindians and Power Laws
- 8:45 Heather Smith, Thomas DeWitt and Ted Goebel—Digital Shape Analysis of Clovis Projectile Points
- 9:00 Guadalupe Sanchez Miranda, Vance Holliday, Edmund Gaines, John Carpenter and Becket Leason—Fin del Mundo Clovis site: Hunting, Land Use and Interactions during Late Pleistocene Times in northern Sonora
- 9:15 Jesse Ballenger, Vance T Holliday and C. Vance Haynes, Jr—Palominas Arroyo: A 13 ka Paleoenvironmental Record from the Upper San Pedro Valley, Southeastern Arizona, USA
- 9:30 Matthew O'Brien, Christopher Merriman and Bruce B. Huckell—Interstate 25 or 40? Variation in Folsom Mobility Patterns in the Middle Rio Grande Basin of New Mexico
- 9:45 Thomas Jennings and Charlotte Pevny—Foragers or Collectors? A Comparison of Clovis and Folsom Lithic Technological Organization on the Plains and Plains Periphery
- 10:00 Mary Larson, Pablo Massineo and Marcel Kornfeld—Early Paleoindian Occupation of a Rockshelter: Two Moon, Bighorn Mountains
- 10:15 Jason LaBelle—Hide Scrapers, the Bison Pit, and an Eroding Lithic Scatter: Site Structure of the Lindenmeier Folsom Site, Northern Colorado
- 10:30 Stance Hurst and Eileen Johnson—Gearing up at Adair-Steadman: A Look at Folsom Stone Tool Production on the Southern Plains, U.S.A.
- 10:45 John Seebach—The Acquisition and Use of Lithic Material during the Paleoindian Period in Trans-Pecos, Texas
- 11:00 Nathaniel Kitchel—The Role of Plant Food Resources in the Northeastern Paleoindian Diet before 10,000 B.P.

**[22] SYMPOSIUM ■ ROCK ART IN GLOBAL PERSPECTIVE: THEMES AND TECHNIQUES IN THE ARCHAEOLOGY OF THE SITE**

**Room:** 100 (AC)

**Time:** 8:00 AM–11:45 AM

**Organizer:** Gina Walls

**Chair:** Lenville Stelle

**Participants:**

- 8:00 Gary Haynes—Puzzling Over The Bumbusi Spoor Engravings In Zimbabwe
- 8:15 Susan Jansen, Craig Williams and Carol Diaz-Granados—Glimpses into the Past: The Petroglyphs of Lon Odell Memorial Cave
- 8:30 Julio Amador Bech—Self-images or Images Beyond the Self? Anthropomorphic Figures in the Rock Art of Northwestern Sonora
- 8:45 Reinaldo Morales Jr.—Faces in Places: Modified Speleothems of Cuba and their Working
- 9:00 Dagmara Zawadzka—Pictures on the Shores of Deep Water: Temagami Area (Ontario) Rock Art within its Landscape Context
- 9:15 Mark Wagner and Heather Carey—The State of the Art: Recent Developments in

- Illinois Rock Art Studies
- 9:30 Michelle Hayward, Michael Cinquino and Frank Schieppati—Late Ceramic Religious and Political Organization in Puerto Rico: Caguana, PO29 and Vivi
- 9:45 Vivian Scheinsohn, Claudia Szumik, Florencia Rizzo and Sabrina Leonardt—Rock Art Distribution in NW Patagonia: The Forest and the Steppe
- 10:00 John Greer and Mavis Greer—Graffiti: To Clean or Not to Clean, that is the Question
- 10:15 Sarah Sherwood, Jan Simek, Annie Blankenship, Nicholas Herrmann and Alan Cressler—People in High Places: Human Images in Tennessee Rock Art
- 10:30 Samantha Higgs—Past and Present: Art of the Canning Stock Route
- 10:45 Suzanne Baker—Classification, Quantification, and Regional Comparisons of the Rock Art of Ometepe Island, Nicaragua
- 11:00 Michael Bies, Danny Walker, Marit Bovee and Neffra Matthews—Recent Research at Legend Rock Petroglyph Site (48HO4) Wyoming, USA
- 11:15 Angel Johnson, Carolyn Boyd, Charles Koenig and Benjamin Dwyer—Lower Pecos Rock Art Recording and Preservation Project
- 11:30 Elisabeth Culley—Models of Pleistocene Image Production and Its Social Consequences: A Defense of Semiotics in Rock Art Research

**[23] SYMPOSIUM ■ ACROSS BOUNDARIES: INTEGRATING ARCHEOLOGY & SCIENCE**

**Room:** 225 (AC)

**Time:** 8:00 AM–12:00 PM

**Organizers:** Alejandra Gudino and Marcela Sepulveda

**Chair:** Alejandra Gudino

**Moderator:** Ron Lippi

**Participants:**

- 8:00 Fernanda Falabella and Oscar Andonie—Manejo diferenciado de materias primas en la producción cerámica Aconcagua de Chile central. Una evaluación mediante análisis de activación neutrónica instrumental
- 8:15 Robert Thompson—The Research Potential of Maize Cob Phytoliths in Food Residues with Examples from Ecuador
- 8:30 Gerardo Fernandez Martinez —La Arqueometria en el Contexto de la Educacion Superior
- 8:45 Donald Johnson—Geophysical Investigations at an Inca Site in Northwestern Ecuador
- 9:00 Richard Burger —Three decades of sourcing Andean obsidians: changing collaborations, changing realities
- 9:15 Veronica Williams—Pottery Manufacture, Proveniences, and Pigments of Pre Inca and Inca Archaeological Sites in Southern Andes
- 9:30 Brandon Lewis—The Challenges of Incorporating Archaeometry into Archaeological Field Programs
- 9:45 Julie Farnum and Elizabeth Righter—Multi-disciplinary integration in the study of the Pre-Columbian Tutu Village, St. Thomas, US Virgin Islands
- 10:00 Mario Rivera, Daniel E. Shea and Jorge Moya—Dendroarchaeology in the Atacama Desert, Northern Chile
- 10:15 Arthur Rostoker—A pedestrian approach to Tropical Forest Archaeology: in advance of magic bullets.
- 10:30 Alejandra Gudino and Ron Lippi—How to get along: Lessons from a tropical rain forest
- 10:45 Marcela Sepulveda and Eric Laval—Trabajo interdisciplinario para abordar el estudio de las pinturas rupestres

- 11:00 Guillermo de la Fuente—The Abaucán Sur Research Project: initial stages in the collaboration between archaeologists and archaeometrists (Dpto. Tinogasta, Provincia de Catamarca, Argentina).  
11:15 Michael Glascock —Discussant  
11:30 Izumi Shimada—Discussant  
11:45 Luis Barba—Discussant

**[24] ELECTRONIC SYMPOSIUM ■ PRACTICAL METHODS OF DATA PRODUCTION, DISSEMINATION, AND PRESERVATION**

**Room:** 227 (AC)

**Time:** 10:45 AM–12:45 PM

**Organizers:** Joshua Wells and Eric Kansa

**Chairs:** Eric Kansa and Joshua Wells

**Participants:**

Willeke Wendrich—W.M. Keck Program in Digital Cultural Mapping at UCLA

Dean Snow—Making the Most of Cyberinfrastructure

Caroline Beebe—Digital Chau Hiix: Principles, Problems and Simple Cost Effective Solutions

Glenn Strickland—The Integration and Interpretation of Archaeological Data through Three Dimensional Multi-component Digital Spatial Modeling

Eric Kansa and Joshua Wells—"Quantity has a Quality all its Own":

Archaeological Practice and the Role of Aggregation in Data Sharing

Lori Jahnke—Changing Scholarly Communication: the Implications of Granting Copyright for Born Digital Objects

Christopher Parr—Keeping Things Simple: Archaeology, the Army, and "Li'Benny2.0"

Sara Ayers-Rigsby—Issues of Access-Does Publicly Available GIS Information Help or Hinder the Archaeological Record?

Erik Johanson, David Anderson, Shane Miller, Stephen Yerka, Derek Anderson and Christopher Gillam—PIDBA: Challenges Related to the Curation and Dissemination of Paleoindian Data at a Hemispheric Scale

Stephen Yerka, Nicholas P. Herrmann and Mathew D. Gage—Curing the Data: Managing Information Systems and Digital Data at Tennessee's ARL

Judith van der Elst and Heather Richards-Rissetto—Rethinking Digital Data Collection and Dissemination from a User Perspective

Julian Richards—Digging into Data: Text Mining of Archaeological Grey Literature

Michael Cannon, David Reinhart, Tanya Johnson, Heather Stettler, Sarah Creer and Deborah Jensen—The Milford Wind Corridor Project: Adventures in Digital Data Recovery Reporting

**[25] POSTER SESSION ■ ARCHAEOLOGY OF THE NORTHEASTERN U.S.**

**Room:** Exhibit Hall 1 (AC)

**Time:** 9:00 AM–11:00 AM

**Participants:**

25-a Nichole Gillis—Beyond Immigration: The Pre- and Post-Contact Period Archaeology of Ellis Island

25-b Eric Jones—Studying Settlement Abandonment with Event History Analysis: A Case Study of the Haudenosaunee (Iroquois)

25-c Heather Rockwell—Use-Wear Analysis of the Potter Site: A Paleoindian Site in New Hampshire

25-d Sarah Striker—Reassessing Economic Dynamics of the Seventeenth Century

- Iroquois "Beaver Wars"
- 25-e Stéphane Noël—La Table du Capitaine: French Fishermen's Foodways and Expression of Social Status on the Petit Nord of Newfoundland
- 25-f Catherine Jalbert—Quarries and Craft-learning: Identifying the Novice

**[26] POSTER SESSION ■ ARCHAEOLOGY OF THE SOUTHEASTERN U.S.**

**Room:** Exhibit Hall 1 (AC)

**Time:** 9:00 AM–11:00 AM

**Participants:**

- 26-a Donna Ruhl and Melissa Ayvaz—Rehabilitation of Archaeobotanical Collections from Pineland: A Major Coastal Archaeological Site Complex in Southwest Florida
- 26-b Stacey Lengyel—Recent Archaeomagnetic Research in the US Midcontinent
- 26-c Karen Smith and Keith Stephenson—Signaling Theory and Weeden Island Period Mortuary Ritual
- 26-d Mary Spanos—Public Archaeology: Balancing a Need for Clothed Museum Figures with a Limited Archaeological Record
- 26-e Patrick Livingood—Digital Image Analysis of Shell Temper from the Moon Site (3Po488), Arkansas
- 26-f Elsbeth Dowd—The Woods Mound Group: Revisiting a Multi-mound Site in the Caddo Area
- 26-g Eric Proebsting, Jack Gary and Lori Lee—Presenting Historical Archaeology with Digital Technologies at Thomas Jefferson's Poplar Forest
- 26-h Amber Grafft-Weiss and Sarah Miller—T'Omb It May Concern: The Use of GPR for Public Engagement in Cemeteries
- 26-i Kim Cullen Cobb—Riveting Technology!
- 26-j Micaela Carignano and Lee Arco—Analysis of Fluvial Deposition during the Late Archaic Poverty Point / Early Woodland Transition at Jaketown
- 26-k Marina Lizarralde and Lee Arco—Analysis of the Tetrahedron Deposit at Jaketown
- 26-l Krista Church, Barbara Purdy and Bruce MacFadden—Contemporaneity of Human Remains and Extinct Late Pleistocene Fauna in Florida: A Rare Earth Element Analysis
- 26-m Lauren Forsythe and Heather A. Lapham—Cut Mark Analysis and Tool Identification at the Berry Site Using Scanning Electron Microscopy

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

**Room:** Exhibit Hall 1 (AC)

**Time:** 9:00 AM–11:00 AM

**Participants:**

- 27-a Ben Potter, Phoebe Gilbert, Charles Holmes and Barbara Crass—Recent Excavations at the Mead Site, a Late Pleistocene Multi-component Site in Central Alaska
- 27-b Molly Proue, Justin Hays, Jason Rogers, Joshua Reuther and Chris Wooley—The Aangeyarwak Site: Recent Excavations Along the Kuskokwim River, Southwest Alaska
- 27-c Sam Coffman and Ben A. Potter—Early Holocene Archaeology at Teklanika West, Central Alaska
- 27-d Veronica Lech, Nicole Misarti, Herbert Maschner and Bruce Finney—Archaeofauna Identification Using Stable Isotopes
- 27-e Andy Shuttleworth, Larry Barham and Susanne Shiltz—Latitudinal Trends in Hunter-Gatherer Societies
- 27-f David Byers and Joan Coltrain—Paleo- and Neo-Aleut Stable Isotope Chemistry

- 27-g Linda Chisholm and Loukas W. Barton—Birds of a Feather, Butchered Together: Patterns of Avian Exploitation in Southwest Coastal Alaska
- 27-h Amelia Fay—Mikak's House: Excavations of a Late Eighteenth Century Inuit Settlement

**[28] POSTER SESSION ■ AVOCATIONAL ARCHAEOLOGY MAKING A DIFFERENCE: WHO'S DONE IT AND WHO'S DOING IT- PART 1**

*(Sponsored by the Council of Affiliated Societies)*

**Room:** Exhibit Hall 1 (AC)

**Time:** 9:00 AM–11:00 AM

**Organizer:** Marcel Kornfeld

**Participants:**

- 28-a Marcel Kornfeld and Mark Miller—Doing it Wyoming Style: Avocational Archaeologists Out West
- 28-b Paul Picha—Negotiating North Dakota Archaeology: Agenda, Assent, and Action, 1930-2010
- 28-c Kevin Black—Avocational Contributions to Colorado Archaeology
- 28-d Tim Weston—The Kansas Anthropological Association, Stewards of Kansas Archeology

**[29] POSTER SESSION ■ SITES AND LANDSCAPES IN THE GREAT LAKES AND MIDWEST**

**Room:** Exhibit Hall 1 (AC)

**Time:** 9:00 AM–11:00 AM

**Participants:**

- 29-a Edwin Hajic, David W. Benn and E. Arthur Bettis, III—Fluvial History and Archaeological Site Distribution in the American Bottoms, Central Mississippi River Valley
- 29-b David Pedler, Curtis McCoy, Todd Grote and Allen Quinn—Distribution of Prehistoric Archaeological Sites in the Pennsylvania Lake Erie Watershed
- 29-c Alleen Betzenhauser—Transforming Places and Persons: Community and Personhood at the Mississippian Transition in the American Bottom
- 29-d Alissa Blaha—Spatial Analysis of Effigy Mounds and Late Woodland Habitation Sites in the Lake Koshkonong Region, Wisconsin
- 29-e Edward Herrmann—A Geoarchaeological Approach to Paleoindian and Early Archaic Period Settlement and Subsistence in South-Central Indiana
- 29-f Elizabeth Sonnenburg, Joseph Boyce, Eduard Reinhardt and Aubrey Cannon—Paleoenvironmental Reconstruction and Water-Level Fluctuations: Implications for Understanding of Paleoindian and Archaic Archaeology in Southern Ontario
- 29-g Dawn Bringelson—Exploring the Archaic in the Great Lakes: Investigations at Apostle Islands National Lakeshore

**[30] POSTER SESSION ■ SUBSISTENCE, HEALTH, AND SOCIETY IN THE MIDWEST**

**Room:** Exhibit Hall 1 (AC)

**Time:** 9:00 AM–11:00 AM

**Participants:**

- 30-a Andrew Fortier—Preliminary Analysis of Prehistoric Dog Coprolite Samples from the American Bottom, Southwestern Illinois
- 30-b Erica Ausel and Della Cook—Sit Like a Lady: Sexual and Temporal Dimorphism of Femoral Morphology of Midwest Prehistoric Native American Sites
- 30-c Andras Nagy and Kenneth Tankersley—Human Migrations in the Ohio Valley,

- 1520 to 1830
- 30-d Jammi Ladwig and Austin Jenkins—Phytolith Recovery and Analysis from Various Contexts
- 30-e Andrew Marley—Evaluating Prehistoric Subsistence Patterns using Microwear Analysis of Flint Tools from Rock Shelters in Central Ohio
- 30-f Julie Bukowski—Analysis of a Middle Woodland Mortuary Population from the Dickison South Mounds (11P787)
- 30-g Sarah Weaver, Paul Patton, Elliot Abrams and AnnCorinne Freter—Hopewell Sedentism and Food Production: A View from the Patton Site, Southeastern Ohio
- 30-h Chris Kimsey—An Analysis of Personal Items Found at the Old Third Street Cemetery

**[31] SYMPOSIUM ■ CHANNEL ISLANDS AND COASTAL SOUTHERN CALIFORNIA: RECENT RESEARCH AND COMPARISONS**

**Room:** 262 (AC)

**Time:** 10:00 AM–11:15 AM

**Organizer and Chair:** Steven James

**Participants:**

- 10:00 Steven James, Patricia C. Martz, René L. Vellanoweth and Steven J. Schwartz—Archaeological Investigations on San Nicolas Island: Overview of Research by California Universities
- 10:15 Judy Porcasi—Trans-Holocene Exploitation of Cervidae and Leporidae on the California Coast
- 10:30 Victoria Stosel—Possible Applications of Optimal Foraging Theory On San Nicolas Island, California
- 10:45 Gary Jones and Steven James—Abalone Cove and Other Sites on the Palos Verdes Peninsula: Archaeological Research on the Ninth Channel Island
- 11:00 Terry Jones—Discussant

**[32] SYMPOSIUM ■ LOCAL AND GLOBAL CHANGE: LANDSCAPE, CLIMATE, SOCIO-POLITICAL INTERACTION, AND WORLD SYSTEMS ANALYSIS IN EURASIAN ARCHAEOLOGY**

**Room:** 106 (AC)

**Time:** 10:00 AM–12:00 PM

**Organizers:** Nicholas Efremov-Kendall and Claudia Chang

**Chair:** Nicholas Efremov-Kendall

**Participants:**

- 10:00 Nicholas Efremov-Kendall—Landscapes of Transition: Bronze to Iron Age in the Western Eurasian Steppe
- 10:15 David Anthony—Before the Argonauts: Long-distance Exchange between the Black Sea and the Aegean in the Copper and Early Bronze Ages
- 10:30 Tom Hall—World Systems Analysis in Eurasian Archaeology: Recent Findings, Questions, Debates, and Speculations
- 10:45 Elizabeth Brite and Ghairadin Khozhaniyazov—Local and Global Patterns of Socio-Political Integration in Khorezm, Uzbekistan
- 11:00 Thomas Tartaron—Scalar Variability in Late Bronze Age Aegean Maritime Worlds
- 11:15 Claudia Chang—Iron Age Demography and Socio-Political Interaction: Farmers, Foragers, and Pastoralists in the Semirech'ye Region of Southeastern Kazakhstan
- 11:30 Sing Chew—Discussant
- 11:45 Bryan Hanks—Discussant



**[33] SYMPOSIUM ■ UNWAVERING: CULTURAL RESOURCE INVESTIGATIONS ALONG THE U.S. – MEXICO BORDER**

**Room:** 232 (AC)

**Time:** 10:00 AM–12:00 PM

**Organizer and Chair:** Jeffrey Hokanson

**Participants:**

- 10:00 Tina Carpenter and John Marshall—Shell and Earth Figures on the Northern Edge of the Sierra Pinacate
- 10:15 Maren Hopkins and Douglas Craig—Uncovering the Prehistory of Southeastern Arizona: A Comparative Look at Upper San Pedro Village
- 10:30 Robert Wegener, Karry L. Blake, William M. Graves and Richard Ciolek-Torrello—Data Recovery at Christiansen Border Village: Nonriverine Late Archaic/Early Agricultural Period Archaeology and Mid- to Late-Holocene Cienega Environments in the Borderlands of Southeastern Arizona
- 10:45 Amie Gray—Refuge in the Borderlands
- 11:00 Jeffrey Hokanson—Social Networking in Mimbres Society
- 11:15 Tabitha L. Griffith, Nancy A. Kenmotsu and William Russell—Exploring Classic Period Mimbres Settlement along the Border: Excavations at Columbus Pueblo, Luna County, New Mexico
- 11:30 Michael Church, James Gallison and Michael Jennings—Refining South Texas Prehistory—Excavation of 41SR392
- 11:45 Randy McGuire—Discussant

**[34] GENERAL SESSION ■ EUROPEAN IRON AGE AND MEDIEVAL ARCHAEOLOGY**

**Room:** 229 (AC)

**Time:** 10:15 AM–12:00 PM

**Chair:** Tanya Peres

**Participants:**

- 10:15 China Shelton—Food and Identity in the Iron Age Central Apennines: Paleoethnobotanical Results from the Sangro Valley Project
- 10:30 Marta Ostovich, Kevin Mullen, Amalia Pérez-Juez, James Wiseman and Ricardo Elia—Excavation of an Iron Age Talayotic House at Torre d'en Galmes, Menorca
- 10:45 Tanya Peres and Nicholas Dixon—Rethinking Iron Age Subsistence at Oakbank Crannog, Loch Tay, Scotland
- 11:00 Erika Nitsch—Examining Dietary Change in Roman and Early Medieval Italy using Stable Isotope Analysis
- 11:15 Kelly Hale—Valhalla I am Coming: Viking Masculinity in the English Danelaw
- 11:30 Kathryn Franklin—Medieval Settlement Patterns, Trade Routes and Political Topography in the Kasakh Valley, Republic of Armenia
- 11:45 Amalia Perez-Juez and Marta Ostovich—Medieval Archaeology in Al-Andalus: The Balearic Island of Menorca under the Muslim Rule

**[35] SYMPOSIUM ■ THE ARCHAEOLOGY OF THE CENTRAL NAMIB, WESTERN NAMIBIA**

**Room:** 261 (AC)

**Time:** 10:30 AM–11:45 AM

**Organizer and Chair:** Grant McCall

**Participants:**

- 10:30 Grant McCall, Jonathan Thomas, Sherman Horn, Merritt Sanders and Kurtis Kettler—An Overview of the 2009 Excavations at the Erb Tanks Site, Western Namibia
- 10:45 Sherman Horn, Grant McCall, Jonathan Thomas, Merritt Sanders and Kurtis Kettler—An Analysis of the Middle Stone Age Artifacts from Erb Tanks, Namib Desert, Namibia
- 11:00 Kurtis Kettler, Grant McCall, Jonathan Thomas, Sherman Horn and Merritt Sanders—Later Stone Age Lithic Technology from Erb Tanks: Microlithic Technology and Holocene Specialization in the Central Namib
- 11:15 Jonathan Thomas, Ted Marks and Grant McCall—Stringing Together the Past: Experimental Replication of MSA/LSA Ostrich Eggshell Beads
- 11:30 Kit Nelson—Discussant

**[36] GENERAL SESSION ■ HOPEWELL CULTURE LANDSCAPES AND ITS EARLY WOODLAND ANTECEDENTS**

**Room:** 226 (AC)

**Time:** 10:30 AM–11:30 AM

**Chair:** Julie Holt

**Participants:**

- 10:30 Bretton Giles—Comparing the Double Headed Birds Associated with the Hopewell Horizon
- 10:45 Edward Henry—The Archaeology of the LeBus Circle and Some Comments on the Implications of Large Early Woodland Circular Earthen Enclosures in the Ohio Valley.
- 11:00 Robert Horn and Ray Hively—Hopewell Astronomy at Newark and Chillicothe
- 11:15 Julie Holt, Ashley Cisneros, Katie Leslie, Jessica Robart and Lori Belknap—SIUE Field School Investigations at the Gehring Site (11MS99) in the American Bottom

**[37] GENERAL SESSION ■ IDENTITY AND INTERACTION IN THE DESERT SOUTHWEST**

**Room:** 103 (AC)

**Time:** 10:30 AM–12:00 PM

**Chair:** Jill Neitzel

**Participants:**

- 10:30 Laurie Webster—Cordage Twist and Cultural Identity: A Cautionary Tale from Basketmaker Culture
- 10:45 Meradeth Snow, Steven LeBlanc and David Smith—Ancient DNA in the Southwest United States and Mesoamerica
- 11:00 Nikki Shurack—The Role of Ceramic Stylistic Variation in an Aggregated Setting in Southwest Colorado
- 11:15 Nicholas Damp—Rethinking Tijeras Pueblo
- 11:30 Jill Neitzel—Hohokam—Chacoan Connections in the Late Prehistoric U.S. Southwest
- 11:45 Sophie Kohn—Immigration or Innovation at Paquimé, Chihuahua, Mexico

## Thursday Afternoon ■ April 15, 2010

**[38] POSTER SESSION ■ AVOCATIONAL ARCHAEOLOGY MAKING A DIFFERENCE: WHO'S DONE IT AND WHO'S DOING IT-PART 2**

*(Sponsored by the Council of Affiliated Societies)*

**Room:** Exhibit Hall 1 (AC)

**Time:** 12:30 PM–2:30 PM

**Organizer:** Marcel Kornfeld

**Participants:**

- 38-a Michael B. Collins and D. Clark Wernecke—Texas Avocationalists--We Couldn't do it Without You!
- 38-b Nancy Hawkins and Recca Jones—Louisiana Avocationalists
- 38-c Hester Davis and Glen Akridge—85 Years of Contributions by Amateur Archeologists in Arkansas
- 38-d Gina Powell—Missouri Avocational Archaeologists: A Small Sample of Great Work
- 38-e Alice Berkson—Lifetime Volunteers in Illinois Archaeology
- 38-f Leslie Shaw—A Century of Maine Avocational Archaeology
- 38-g Suanna Crowley, Curtiss Hoffman, Frederica Dimmick, Mary Concannon and Eugene C. Winter, Jr.—A Community of Avocationalists and Professionals: Profiles in Outreach, Education, and Collaboration Among Archaeologists in Massachusetts
- 38-h Lisa Anselmi and William Engelbrecht—Jack Holland, Chert Expert

**[39] POSTER SESSION ■ COMPLEX HUNTER-GATHERERS OF INTERIOR BRITISH COLUMBIA: NEW INTERDISCIPLINARY RESEARCH AT THE BRIDGE RIVER SITE**

**Room:** Exhibit Hall 1 (AC)

**Time:** 12:30 PM–2:30 PM

**Organizer and Chair:** Anna Prentiss

**Participants:**

- 39-a Lee Reininghaus—An Inter-household Analysis of the Proto-historic Occupation at the Bridge River Site
- 39-b Nicole Crossland—The Evolution of Domestic Economies at the Bridge River site: A Lithic Perspective
- 39-c Eric Carlson—Resource Intensification, Resource Depletion, and Emergent Inequality: An Assessment of Faunal Material spanning 900 yrs of occupation at the Bridge River Site
- 39-d Lisa M. Smith, Anna M. Prentiss, Dana Lepofsky, Eric S. Carlson and Naoko Endo—Resource Intensification at Bridge River: A Case Study in Subsistence Practices of Complex Hunter-Gatherers
- 39-e Maggie Schirack, Lucy Harris and Michael Wanzenried—An Examination of Lithic Technological Responses to Subsistence Resource Intensification at the Bridge River Site, British Columbia: 1800-1100 BP
- 39-f Hannah S. Cail, Anna M. Prentiss and Michael P. Richards—Cultural Implications of Dog Remains at the Bridge River site: Taphonomic and Isotopic Analyses
- 39-g Jonathan Sheppard—Settlement Patterns in Relation to Resource Acquisition & Complexity in the Mid-Fraser Region of B.C.
- 39-h Anna Prentiss and Thomas Foor—Defining Emergent Inequality at the Bridge River Site, British Columbia: A Multivariate Statistical Approach

**[40] POSTER SESSION ■ KIVA: 75 YEARS OF SOUTHWESTERN ANTHROPOLOGY AND HISTORY**

**Room:** Exhibit Hall 1 (AC)

**Time:** 12:30 PM–2:30 PM

**Organizer and Chair:** Sarah Herr

**Participants:**

- 40-a Anna Neuzil and Stephen Lekson—Best of Kiva: A Selection of the Most Influential Contributions to Kiva
- 40-b Jenny Adams—Editing Kiva: 75 years of Past Participles and Future Tense
- 40-c Gayle Hartmann, William Robinson and Brenda Todd—Oh, How Things Have Changed!: Kiva Production Over The Years
- 40-d Linda Gregonis—Kiva's Contribution to History, Historical Archaeology, and Ethnology
- 40-e Todd Pitezel—Reflections of Northern Mexico from the Journal Kiva
- 40-f Rich Lange—KIVA at 75 Years: Couldn't Have Done It Without You!
- 40-g Sarah Herr and David Wilcox—Worth Reading: The Enduring Traditions of Southwestern Archaeology Journals

**[41] POSTER SESSION ■ ON THE KNOWLEDGE FRONTIER: THE FIRST DECADE OF CULTURAL RESOURCES DISCOVERY AND MANAGEMENT ON THE VALLES CALDERA NATIONAL PRESERVE**

**Room:** Exhibit Hall 1 (AC)

**Time:** 12:30 PM–2:30 PM

**Organizer:** Anastasia Steffen

**Chair:** Jeremy Decker

**Participants:**

- 41-a Jeremy Decker—On a Foundation of Stone: Using Projectile Points in Building Culture History at the VCNP
- 41-b Jacqueline L. Stark—Ancestral Puebloan Land Use of the Valles Caldera National Preserve
- 41-c Anastasia Steffen—Sharp, Brittle, Transparent, and Revealing: Exploring the Potential for Obsidian Technology, Sourcing, and Chronometry Studies in the Valles Caldera National Preserve
- 41-d Nicholas L. Jarman and Ariane O. Pinson—High Altitude Land Use in the Valles Caldera National Preserve: Recent Findings
- 41-e Colleen Olinger and Anastasia Steffen—A Fragile Union of Nature and Culture: Aspen Dendroglyphs in the Valles Caldera National Preserve
- 41-f Alexander K. Rogers and John Swigart—Hunting and Gathering in the Southwest? A Possible Game Trap on the Valles Caldera National Preserve

**[42] POSTER SESSION ■ TALES FROM THE BLACK RANGE**

**Room:** Exhibit Hall 1 (AC)

**Time:** 12:30 PM–2:30 PM

**Organizer and Chair:** Eleanor King

**Participants:**

- 42-a Beverly Chiarulli—Geophysical Investigations during the Gila Archaeological Project
- 42-b Germaine Big Owl-McArdle and Christopher D. Adams—Battlefield Archaeology in New Mexico: Victorio's (Chiricahua Apache) Fight For Freedom
- 42-c Linsey Richbow and Jordan Comanche—Voice and Vestige: The Record and Perspectives of the Inhabitants of the Black Range in the Late 1880's

- 42-d Amanda Stroud—GPR Data From Hermosa, New Mexico
- 42-e Christine Taylor and Eleanor King—Campsites in the Black Range Mountains, New Mexico - A Predictive Model
- 42-f Violet King—Reconstructing Hermosa: Piecing Together the Past Using Historical Archaeology

**[43] POSTER SESSION ■ THE FRANK CHURCH RIVER OF NO RETURN WILDERNESS PROGRAMMATIC AGREEMENT: CONDUCTING CULTURAL RESOURCE MANAGEMENT IN A WILDERNESS SETTING**

**Room:** Exhibit Hall 1 (AC)

**Time:** 12:30 PM–2:30 PM

**Organizer and Chair:** Timothy Canaday

**Participants:**

- 43-a Timothy W. Canaday and Mary Anne Davis—The Frank Church River of No Return Wilderness Programmatic Agreement: The Good, the Bad, and the Ugly
- 43-b Steve Lucas—Cultural Resource Management Along the Salmon River—Frank Church River of No Return Wilderness
- 43-c Mary Williams—Challenges of Remote Site Investigation and Management in the Frank Church Wilderness, Bitterroot National Forest
- 43-d John Rose—Homestead Economics: Household Economic Decisions in Historic Construction
- 43-e Julie Rodman—Fire Protection for Heritage Resources in the Frank Church River of No Return Wilderness
- 43-f Camille Sayer and Sharon Plager—Prehistoric Galleries Revealed in Idaho's Rugged Camas Creek Drainage

**[44] POSTER SESSION ■ HISTORY AND TRAJECTORY OF IRRIGATION AND WATER MANAGEMENT IN THE SOUTHERN SOUTHWEST**

**Room:** Exhibit Hall 1 (AC)

**Time:** 12:30 PM–2:30 PM

**Organizer:** James Vint

**Chair:** Fred Nials

**Participants:**

- 44-a Fred Nials—The Geomorphic and Stratigraphic Setting of Agricultural Features in the Las Capas Site, Arizona
- 44-b William E. Doolittle—A View from the Other Side of the Fence
- 44-c Gary Huckleberry—Early Prehistoric Canals Identified along Rillito Creek and the Santa Cruz River, Tucson, Arizona
- 44-d Jonathan Mabry—Paleoclimatic and Environmental Contexts for Early Agriculture and Water Control in the Desert Borderlands, Southwestern U.S. and Northwestern Mexico
- 44-e Hoski Schaafsma—Manipulated Landscapes and Altered Soils: Squeezing Water Out of a Dry Landscape
- 44-f Michael Lindeman, Gary Huckleberry and Henry Wallace—The Martinez Hill to A-Mountain Irrigation Community
- 44-g David Wright, Wesley Miles, and Kyle Woodson—Hohokam Irrigated Agricultural Fields on the Middle Gila River
- 44-h James Vint—Persistence of the Las Capas Canal System, 950 B.C.-800 B.C.
- 44-i Kyle Woodson—New Insights on the Snaketown Canal System and Hohokam Irrigated Fields

**[45] GENERAL SESSION ■ ARCHAEOLOGICAL APPROACHES TO THE INCA EMPIRE**

**Room:** 231 (AC)

**Time:** 1:00 PM–2:30 PM

**Chair:** Sonia Alconini

**Participants:**

- 1:00 David Brown—Written in Stone... and Adobe and Sod and Earth and Ash: Assessing Inka Flexibility in Construction
- 1:15 Sonia Alconini and Lynn Kim—The Province of Kallawayá: Forms of Interaction with Tiwanaku and the Inkas
- 1:30 Lynn Kim—Modes of Interaction: The Tiwanaku Polity and the Inka Empire in the Charazani Region
- 1:45 Amber Kling, Matt Schauer, Eric Dyr Dahl, Oscar Flores and Chad Gifford—The Pambamarca Archaeological Project Stealth Fortress Study: Creating Classifications for Mountain Forts
- 2:00 Matt Schauer and Micah Smith—Life on the Frontier: Occupation of Inca Fortifications in Northern Ecuador
- 2:15 Anna Guengerich—Regionalism and Political Control at the Inka Border: Ceramics from Posic, Chachapoyas

**[46] GENERAL SESSION ■ ARCHAIC THROUGH LATE WOODLAND CULTURAL DYNAMICS IN THE MIDWEST AND GREAT LAKES AREA**

**Room:** 103 (AC)

**Time:** 1:00 PM–2:00 PM

**Chair:** Brian Redmond

**Participants:**

- 1:00 Daniel Winkler—Plainview Lithic Technology and Late Paleoindian Social Organization in the Western Great Lakes
- 1:15 Jubin Cheruvelil—Subsistence Decision-Making in Heterogeneous Environments: Foraging Simulation in Saginaw Bay Watershed, MI
- 1:30 Paul Patton—Ceramics in Transition: An evolutionary Appraisal of Food Production, Ceramics, and Sedentism in the Hocking Valley, Ohio
- 1:45 Brian Redmond—Long-Distance Acquisition of Marine Shell and Cotton Fiber by Late Woodland Societies of Northern Ohio: New Evidence from the Danbury Site

**[47] GENERAL SESSION ■ ARCHAEOLOGY OF SOUTH AMERICA**

**Room:** 101 (AC)

**Time:** 1:00 PM–2:45 PM

**Chair:** Andrew Roddick

**Participants:**

- 1:00 Scott Smith, Maribel Pérez Arias and Adolfo Pérez Arias—Iruhito: A Rural Riverside Community in the Tiwanaku Heartland
- 1:15 Andrew Roddick—Formative Period Taskscapes on the Taraco Peninsula, Bolivia
- 1:30 Jimmy Mans—The Contemporary Archaeology of Trio Movements
- 1:45 André Strauss, Pedro da Gloria, Danilo Bernardo, Renato Kipnis and Walter Neves—High Variability of Paleoamerican Mortuary Practices in Lagoa Santa Region, Central Brazil
- 2:00 Myrtle Shock—Archaeobotanical Remains from features at Lapa dos Bichos: The Role of Plants in the Diet of Brazilian 'Agriculturalists'
- 2:15 Maria Gutierrez, Gustavo Martinez and Heidi Luchsinger—New Evidence for the Survival of Pleistocene Fauna and the Archaeological Silence of the Middle Holocene in the Southeastern Pampean Region (Argentina)

2:30 Juan Belardi, Gustavo Barrientos, Rafael Goñi and Silvana Espinosa—Temporal Trends in the Hunter Gatherer Occupation of the Tar-San Martín Lakes Basin (Southern Patagonia, Argentina)

**[48] SYMPOSIUM ■ BEYOND THE BIOLOGICAL NEED TO EAT: ARCHAEOLOGIES OF FOOD AND FOODWAYS**

**Room:** 106 (AC)

**Time:** 1:00 PM–3:00 PM

**Organizers and Chairs:** Ryan Kennedy and Guido Pezzarossi

**Participants:**

- 1:00 Enrique Rodriguez and Sarah Graff—Beyond the Biological Need to Cook: Archaeologies of Food Preparation
- 1:15 Guido Pezzarossi, Ryan Kennedy and Heather Law—Hoe Cakes and Pickerel: Cooking, Eating, and Entertaining at the Sarah Boston Farmstead
- 1:30 Julie-Anne Bouchard-Perron—The World is on the Menu: Discourse and Colonialism at Quebec City Tables
- 1:45 Sharmini Pitters and Richard Evershed—Fatty Acid Residue Analysis of Pottery of Çatalhöyük, Turkey: Understanding the Relationships Between Animal Domestication, Ceramic Technology, Environmental Variation and Changes in Subsistence Practices
- 2:00 Mike Way and David Landon—Turtle Soup in a Sea of Mutton: African-American Foodways in the Northeast during the 18th and 19th Centuries
- 2:15 Bryn Williams—Bao Yu and Chop Suey: Archaeology and Chinese/American Food
- 2:30 Rachel Furey and Diane Gifford-Gonzalez—Foodways, Ritual, and Identity at an Early Colonial New Mexican Pueblo: the Archaeofaunal Evidence
- 2:45 Kathy Twiss—Discussant

**[49] THE ETHICS BOWL**

**Room:** 262 (AC)

**Time:** 1:00 PM–3:00 PM

**[50] SYMPOSIUM ■ MEDIA'S IMAGE OF THE ARCHAEOLOGIST THROUGH TIME—IS THE MEDIA THE MESSAGE**

*(Sponsored by Media Relations Committee)*

**Room:** 104 (AC)

**Time:** 1:00 PM–3:15 PM

**Organizer:** A'ndrea Messer

**Chair:** Jon Czaplicki

**Participants:**

- 1:00 Jon Czaplicki—The Fabulous '50s
- 1:15 A'ndrea Messer—Archaeology in the Age of Aquarius – Media Coverage in the 60s
- 1:30 Renata Wolyneć—The 1970s: The Impact of Koster Site Media Relations on Press Coverage of other Archaeological Projects
- 1:45 Rachel Most—Greed, Excess and Bad Fashion: The 1980s
- 2:00 Johna Hutira—Monica and Bill! Ross and Rachel! OJ and Nicole! Daniel Jackson and Lara Croft? What the 90s Knew About Archaeologists
- 2:15 Shereen Lerner—A New Millennium
- 2:30 Zachary Nelson—Toasting the Future of Archaeologists
- 2:45 J. Jefferson Reid—Discussant
- 3:00 RuthAnn Knudson—Discussant

**[51] SYMPOSIUM ■ CELEBRATING WOMEN IN ARCHAEOLOGY: A RICH AND COLORFUL HISTORY**

*(Sponsored by Committee on the Status of Women in Archaeology)*

**Room:** 105 (AC)

**Time:** 1:00 PM–3:30 PM

**Organizer and Chair:** Caryn Berg

**Participants:**

- 1:00 Caryn Berg and Barbara Roth—Introduction: Celebrating Women in Archaeology  
1:15 Lynn A Neal and Jane Eva Baxter—Women's Assets in the Pursuit of Archaeological Inquiry  
1:30 Miriam Davis—Kathleen Kenyon and Women Archaeologists of the British Empire  
1:45 Kelley Hays-Gilpin, Elizabeth Ann Morris, and Sally J. Cole—Ann Axtell Morris: Art and Archaeology in the Southwest and Mesoamerica  
2:00 Ronald Bishop—Facing Anna Shepard  
2:15 Erin Baxter and Ruth Van Dyke—Cynthia Irwin-Williams Augers the Dirt Ceiling  
2:30 Patti J. Wright and George M. Crothers—Women in Archeology: An Explicitly Humanistic Approach -- A Paper in Honor of Patty Jo Watson  
2:45 Ruthann Knudson—Making the Old Ones Real: Ruthann Knudson's Life as an Anthropologist  
3:00 Rita Wright—Pioneers of the Past and New Frontiers  
3:15 Linda Cordell—Inspiring Women in Archaeology

**[52] SYMPOSIUM ■ JOARA AND FORT SAN JUAN: COLONIALISM AND HOUSEHOLD PRACTICE AT THE BERRY SITE, NORTH CAROLINA**

**Room:** 223 (AC)

**Time:** 1:00 PM–3:30 PM

**Organizer:** Robin Beck

**Chairs:** David Moore and Christopher Rodning

**Participants:**

- 1:00 David Moore, Robin Beck and Christopher Rodning—The Exploring Joara Project: Chiefdoms, Spaniards, and Research Design for the Western North Carolina Piedmont  
1:15 Christopher Rodning, Robin Beck and David Moore—Spanish Entradas in the Southeast, the Juan Pardo Expeditions, and Spanish Contact in the Western North Carolina Piedmont  
1:30 Robin Beck, Chris Rodning and David Moore—The Architecture of Contact: Comparing Burned Structures at the Berry Site, North Carolina  
1:45 Merritt M. Sanders, Christopher B. Rodning, Robin A. Beck, Jr. and David G. Moore—Excavating Burned Structures at the Berry Site, Burke County, North Carolina  
2:00 Gayle Fritz—Food, Labor, and Sexual Politics at Fort San Juan: The Archaeobotany of Early Contact in the Southeastern U.S.  
2:15 Lee Ann Newsom and Sarah Sherwood—Micromorphological, Microartifact, and Plant Anatomical Analysis of Berry Site (Joara and Fort San Juan) Structures  
2:30 Heather Lapham—Spanish Subsistence at Fort San Juan  
2:45 Trevor Martin—Berry Site Ceramics: An Analysis of Burke Phase Pottery Associated with Fort San Juan  
3:00 Carlisle A. Moody—Structure 1 at 31Bk468: Public Space in Joara's Shadow  
3:15 David Hurst Thomas—Discussant



**[53] GENERAL SESSION ■ AFRICA'S LATER PAST**

**Room:** 102 (AC)

**Time:** 1:00 PM–3:30 PM

**Chair:** Elisabeth Hildebrand

**Participants:**

- 1:00 Elisabeth Hildebrand, Katherine Grillo, John Shea and Veronica Waweru—Social complexity among prehistoric African herders: Test excavations at four pillar sites in West Turkana, Kenya
- 1:15 Rachel Horlings—A Great Conflagration on the Sea Discovered by Micro-Sampling and a Portable XRF
- 1:30 Adrienne Daggett—The Chronology of Exchange: An Example from Early Iron Age Southern Africa
- 1:45 Kristin Safi, Karen D. Lupo, Dave N. Schmitt, Jean-Paul Ndanga and Christopher A. Kiahtipes—Neglected Pots: Compositional Analysis of Ceramics from the Northern Congo Basin
- 2:00 Katherine Grillo—"You Can't Cook with a Deaf Pot": Ethnoarchaeological Research into Pottery and Pastoralism in East Africa
- 2:15 Cameron Gokee—Household and Community during the West African Iron Age: A Surface Perspective from Diouboye, Senegal
- 2:30 Teresa Wriston and Gary Haynes—An Early Farming Village Revealed, Hwange National Park, Zimbabwe
- 2:45 Steven Brandt and Catharine D'Andrea—Pre-Aksumite Lithics from Mezber Ethiopia: Implications for Early State Formation in the Northern Horn of Africa
- 3:00 Liza Gijanto—The Atlantic Trade, Local Preference, and Expressions of Wealth: Feasting and Beads at Juffure, The Gambia
- 3:15 Lydia Wilson Marshall—Improvising Identity, Creating Community: Fugitive Slave Settlements in 19th-century Kenya

**[54] GENERAL SESSION ■ HOUSEHOLD AND SETTLEMENT ARCHAEOLOGY IN THE MAYA LOWLANDS**

**Room:** 225 (AC)

**Time:** 1:00 PM–3:45 PM

**Chair:** Terry Powis

**Participants:**

- 1:00 Laura Levi—Laboring and Pooling: the Relational Bases of Family Life in the Maya Late Classic
- 1:15 Melanie Kingsley—Laguna Mendoza: Island Settlement in a Shifting Maya Landscape
- 1:30 Christina Halperin—Maya State Collapse and Changes in Household Ritual: History-Making from a Microscale Perspective
- 1:45 Terry Powis, Gyles Iannone, Paul Healy, James Garber and Jaime Awe—The Function of Middle Preclassic Maya Greenstone Triangles: A Unique Mesoamerican Groundstone Artifact Type
- 2:00 Mary Jane Acuna, Carlos Chiriboga, Marcello Canuto and Tomas Barrientos—Outlier, Port of Trade, or What? New Preclassic evidence from El Achiotal in Western Peten, Guatemala
- 2:15 Meaghan Peuramaki-Brown—Characterizing the Life Trajectory of a Maya Centre: Three Seasons of Community and Household Archaeology at Buenavista, Belize
- 2:30 Bernadette Cap—Marketplace identification among the Ancient Maya: A Case Study from the Classic Period site of Buenavista del Cayo, Belize

- 2:45 Sarah Jackson and Lindsay Argo—Second Thoughts about Secondary Centers: A Classic Maya Case Study from Say Kah, Belize
- 3:00 Matthew Longstaffe and Gyles Iannone—The View From Below: Community Response to Dramatic Political and Social Transformation at the Ancient Maya City-State of Minanha, Belize
- 3:15 Robyn Dodge—Establishing Hun Tun, Insight from the 2008 and 2009 Field Seasons

**[55] SYMPOSIUM ■ RESIDUE ANALYSIS 2: CURRENT APPLICATIONS OF RESIDUE ANALYSIS TO ARCHAEOLOGICAL QUESTIONS**

*(Sponsored by SAS [Society for Archaeological Science])*

**Room:** 232 (AC)

**Time:** 1:00 PM–4:00 PM

**Organizer:** Hanneke Hoekman-Sites

**Chair:** Maria Ravielle

**Participants:**

- 1:00 Hans Barnard, Alek Dooley and Kym Faull—The Search for Molecular Evidence of Ancient Wine
- 1:15 Rosa M Lamuela Raventos, Rosa Guasch, Olga Jaúregui and Cristina Andres-Lacueva—Chemical Analysis of Old Egyptian Wine Residues
- 1:30 Hanneke Hoekman-Sites—How did Animal Product Use Change through time on the Great Hungarian Plain during the Neolithic and Copper Age Periods?
- 1:45 Casey Riggs and Tim Riley—Resource Processing in the Chihuahuan Desert: A Microbotanical Analysis of Stone Tools from West Texas
- 2:00 Melissa Logan and Linda Scott Cummings—Organic Residue Analysis: Finding Evidence of Foods Using FTIR
- 2:15 Neil Duncan—Gourd Artifact Residues and Macroremains Reveal Feasting in Late Pre-ceramic Peru
- 2:30 Robert Lusteck—Small Things Forgotten: Recovery of Phytoliths from Food Residues
- 2:45 Mary Malainey, Phillip J. Innes and Timothy J. Figol—Taking a Second Look: Results of the Re-analysis of Archaeological Lipid Residues from North America and Beyond
- 3:00 Andrea D. Crider—The Use of Residue Analysis in Determining Resource Procurement Strategies: A View from Appalachia
- 3:15 Eleanora Reber—Absorbed Residue Analysis from the George Reeves site (11S650), an Emergent Mississippian Blufftop Settlement
- 3:30 Sean Rafferty—Analysis of Tobacco Pipe Residues through GC/MS and Raman Microscopy
- 3:45 Daniel Seinfeld—Carbon Isotope Analysis of Ceramics from Two Sites in Mesoamerica

**[56] SYMPOSIUM ■ FROM THE AMERICAN SOUTHWEST TO CALIFORNIA AND BEYOND: PAPERS IN HONOR OF MICHAEL GLASSOW, PART 1**

**Room:** 229 (AC)

**Time:** 1:00 PM–4:15 PM

**Organizer:** John Johnson

**Chair:** Julia Costello

**Participants:**

- 1:00 Julia Costello—Mike Glassow in Context
- 1:15 Robert Hitchcock—From California to the Kalahari: Adaptive Variability and

- Environmental Management among Mobile and Sedentary Foragers
- 1:30 Joseph Tainter—Theories of Cultural Evolution: Implications for Sustainability
- 1:45 Cynthia Bettison—Beyond Subsistence: Defining the Mogollon of West-central New Mexico
- 2:00 Madonna Moss—Diversity in North Pacific Shell Middens – the Case of Kit'n'Kaboodle Cave, Alaska
- 2:15 Kristin Hoppa and Jennifer Perry—Middle Holocene Variability on Santa Cruz Island: Implications for Coastal Foraging
- 2:30 Todd Braje and Torben Rick—Transition and Evolution During the Middle Holocene on the Northern Channel Islands
- 2:45 Amy Gusick—The Punta Arena Site: The Early Years
- 3:00 John Johnson, G. James West and Nan Deal—La Cueva Escondida: An Unusually Well-Preserved Island Chumash Shell Midden
- 3:15 Joan Brandoff-Kerr—Archaeological Investigations in the Santa Barbara Backcountry
- 3:30 Mariam Dahdul—Possible Ecological Factors Affecting Variability within the Cahuilla Mortuary System
- 3:45 Ray Corbett—Mortuary Practice on the Northern Channel Islands
- 4:00 Cara Monroe, Silvia Gonzalez, John Johnson, Robert Kruszynski and Brian Kemp—Ancient DNA Analysis of Prehistoric Burials from the Santa Barbara Channel Region

**[57] SYMPOSIUM ■ RECENT INVESTIGATIONS ON THE ARCHAEOLOGY OF NORTHWEST MEXICO**

**Room:** 230 (AC)

**Time:** 1:00 PM–3:45 PM

**Organizers:** Bridget Zavala and Andrea Torvinen

**Chairs:** Andrea Torvinen and Bridget Zavala

**Participants:**

- 1:00 Bridget Zavala and Eva Angelica Bravo Torres—Dwelling and Architecture in the Sextín Valley of Durango, Mexico
- 1:15 María del Roble Rios Ortega—Magistral del Oro: A Seventeenth Century Mining Town in Northern Durango
- 1:30 Ana Iris Murguía Hernández—Architectural Diversity at Chalchihuites Sites in the Guadiana Valley
- 1:45 Juan Ignacio Macías—An Evaluation of the Defensive Capacities of the Prehispanic Settlements at the Northern Basin of the Río Verde-San Pedro
- 2:00 Armando Nicolau, Miguel Angel Nicolás Caretta and Achim Lelgemann—Transformación del Espacio Arquitectónico y Medio Ambiente en la Región del Cañón de Juchipila: 1500 Años de Evolución Cultural
- 2:15 Achim Lelgemann—The Tomb of Tezcatlipoca: A Late Classic High Status Burial at La Quemada, Zacatecas
- 2:30 Nora N. Rodríguez Zariñan—El Águila Joven en Alta Vista, Zacatecas
- 2:45 Nancy Dominguez and Cristina García Moreno—Recent Investigation in Southern Sonora, Mexico
- 3:00 Enrique Pérez Cortés—The Río Verde Grande Region and its Diagnostic Ceramics: First Approach to the Interaction Dynamics in Southeast Zacatecas during the Epiclassic Period
- 3:15 Andrea Torvinen—Multi-Scalar Analysis of Ceramic Exchange at a Regional Center in Northwest Mexico
- 3:30 Ben Nelson—Discussant

**[58] SYMPOSIUM ■ THE ROOTS OF THE MIDDLE PALEOLITHIC: AN UNIQUELY EURASIAN EVOLUTIONARY EXPERIMENT**

**Room:** 100 (AC)

**Time:** 1:00 PM–4:30 PM

**Organizers and Chairs:** Steven Kuhn and Amy Clark

**Participants:**

- 1:00 Amy Clark—Changes in site/land use between the Acheulo-Yabrudian and Middle Paleolithic at Tabun Cave, Israel
- 1:15 Eric Boeda, Heba al Sakhel, Stéphanie Bonilauri and Christophe Griggo—The Pleistocene Sequence of Umm el Tlel, Syria
- 1:30 Avi Gopher and Ran Barkai—A Fireplace, Blades and Scrapers: Tool Kits and Spatial Organization at AY Qesem Cave, Israel
- 1:45 Gonen Sharon—Reflecting on the Levallois Core Method in the Acheulian
- 2:00 Marie Helene Moncel, Sam Youssef, Anne-Marie Moigne and Jean Combier—Behavioral Characteristics of the Middle Palaeolithic Roots in Western Europe: New Data on Orignac 3 (France)
- 2:15 Thomas Hauck and Dorota Wojtczak—Trends and Diversity in the Middle Paleolithic sequence of Hummal (Central Syria)
- 2:30 Javier Baena, Elena Carrión Santafé and Felipe Cuartero Monteagudo—North Iberian affairs: Neanderthals at the End of Mousterian
- 2:45 John Shea—Why Didn't Neandertals Make Projectile Weapons?
- 3:00 Mary Stiner—How different were late Lower Paleolithic and early Middle Paleolithic patterns of carnivory at Hayonim Cave and Qesem Cave in the southern Levant?
- 3:15 Steven Kuhn—Mode 2.5? Shared Features of Lithic Assemblages from MIS 7
- 3:30 Radu Iovita and Shannon McPherron—The Handaxe Reloaded: A Morphometric Reassessment of Acheulian and Middle Paleolithic Handaxes
- 3:45 Ron Shimelmitz, Ran Barkai and Avi Gopher—Serial Production of Predetermined Blades from Late Lower Paleolithic Qesem Cave, Israel
- 4:00 Harold Dibble—Discussant
- 4:15 Clive Gamble—Discussant

**[59] SYMPOSIUM ■ THE BIENNIAL GORDON WILLEY SYMPOSIUM ON THE HISTORY OF ARCHAEOLOGY: SHOVEL READY: ARCHAEOLOGY & ROOSEVELT'S NEW DEAL FOR AMERICA**

*(Sponsored by History of Archaeology Interest Group)*

**Room:** 220 (AC)

**Time:** 1:00 PM–4:45 PM

**Organizer and Chair:** Bernard Means

**Participants:**

- 1:00 Bernard Means—Brother, Can You Spare a Dime... for Archaeology? The New Deal and American Archaeology
- 1:15 Mary McCorvie—The New Deal in Illinois Archaeology: an Introduction
- 1:30 John Doershuk and John Cordell—Project 1047: New Deal Archaeology in Iowa
- 1:45 Gregory Lattanzi—The First Stimulus Package: The WPA and the New Jersey Indian Site Survey
- 2:00 Janet Johnson—Beginnings of Historical Archaeology in Pennsylvania
- 2:15 Amanda Regnier, Scott Hammerstedt and Patrick Livingood—WPA Archaeology in Southeastern Oklahoma: The Clement and McDonald Sites
- 2:30 David Dye—An Early Mississippian Mortuary Complex at the Gray Farm Site(40SW1) in Stewart County, Tennessee

- 2:45 Anna Lunn—Archaeological Investigations at the Slayden Site (40HS1), Humphreys County, Tennessee
- 3:00 Scott Hammerstedt—Works Progress Administration Archaeology in Western Kentucky: Excavations at Annis Village
- 3:15 Sissel Schroeder—Jonathan Creek and the Interpretive Potential of New Deal-Era Collections
- 3:30 Stephen Nash—Gender-Role Reversals, Big Digs, and Myriad Exhibitions: New Deal Archaeology at the Field Museum
- 3:45 Mason Miller and John Campbell—The CCC and Garner: Archeological Inventory of the Materials and Aesthetics from the Creation of One of Texas' Most Prized State Parks
- 4:00 Mark Howe, Tim Kelly and Karen Miller—The Civilian Conservation Corps in California: Uncovering Our History
- 4:15 Carole Nash—The Civilian Conservation Corps and the Archaeology of the Recent Past in Virginia
- 4:30 Edwin Lyon—Discussant

**[60] SYMPOSIUM ■ THEORETICAL AND METHODOLOGICAL APPROACHES TO THE STUDY OF INTERACTIONS IN EASTERN NORTH AMERICA**

**Room:** 226 (AC)

**Time:** 1:00 PM–4:30 PM

**Organizer and Chair:** Karine Tache

**Participants:**

- 1:00 Neal Ferris—Constant Contacts and Profound Localisms: The Implications of Interregional Interaction for "Contact" Archaeology
- 1:15 William Fox—Reciprocal Symbols
- 1:30 Donald Holly, Christopher Wolff and John Erwin—Interactions and Encounters with the Beothuk in Southeastern Newfoundland
- 1:45 Matthew Boulanger and Peter Thomas—Seventeenth-Century Native-American Social Dynamics on the Fringe of Colonial Empires: Analysis of the Ceramic Assemblage from Fort Hill, Hinsdale, New Hampshire
- 2:00 Jennifer Birch, Andrea Carnevale, Debbie Steiss, Ronald F. Williamson and Rob Wojtowicz—Aggregation and Integration in Iroquoian Ontario: Recent Insights from the Mantle Site
- 2:15 Mathieu Leclerc and Adrian Burke—Chert Distribution among Saint Lawrence Iroquoians sites in southern Quebec: A Glance through X-rays Goggles
- 2:30 Colin Nielsen—Identifying Interactions on Prehistoric Eastern James Bay through Ceramic Sourcing
- 2:45 Nicolas Cadieux—From Lithic Distribution to Distribution Network
- 3:00 Francis Robinson—Early Woodland Mortuary Ceremonialism and Interaction Spheres: A View from three Middlesex Mortuary sites in Vermont
- 3:15 Karine Taché—Be There or Be Square: A Long Tradition of Trade Fairs in Eastern North America
- 3:30 Matthew Betts, Susan E. Blair and David W. Black—Ancient Men and the Sea: Shark Remains in Prehistoric Mortuary Contexts on the Maritime Peninsula
- 3:45 Carolyn Dillian, Charles Bello and M. Steven Shackley—Informal Mechanisms of Long-Distance Exchange
- 4:00 Adrian Burke—Discussant
- 4:15 Elizabeth Chilton—Discussant

**[61] SYMPOSIUM ■ TRAJECTORIES TO COMPLEXITY IN WOODLAND ENVIRONMENTS:  
EASTERN NORTH AMERICA AND TEMPERATE EUROPE COMPARED**

**Room:** 228 (AC)

**Time:** 1:00 PM–4:30 PM

**Organizers:** David Anderson and Detlef Gronenborn

**Chair:** Detlef Gronenborn

**Participants:**

- 1:00 Detlef Gronenborn—The Development of Complex Society in Temperate Europe: Lessons from Eastern North America
- 1:15 David Anderson—The Development of Complex Society in Eastern North America: Lessons from Temperate Europe
- 1:30 Alasdair Whittle—The Language of Difference: Early Neolithic Society in Southern Britain in the First Half of the Fourth Millennium Cal BC
- 1:45 Jean-Paul Demoule—European Neolithic Enclosures and Mississippian Monumentalities: Emergences and Collapses
- 2:00 Carsten Lemmen—Intercomparison of European and North American Regional Transitions to Farming in a Mathematical Model of Socio-technological Adaptation
- 2:15 William Parkinson, Richard Yerkes and Attila Gyucha—The Social Dynamics of Emerging Complexity: A Long-Term Perspective on Middle Range Societies in the Prehistoric Carpathian Basin and the Eastern Woodlands
- 2:30 Eszter Bánffy—Same People, Different Environment: The Neolithic Transition in the Carpathian Basin
- 2:45 Clive Bonsall—Climate, Complexity and the Transition to Farming in the Iron Gates
- 3:00 Michael Doneus, Nikolaus Studnicka and Christian Brieese—Airborne and terrestrial waveform laser scanning for documentation of archaeological sites in woodland environments
- 3:15 Asa Randal and Kenneth E. Sassaman—Monumental Transformations on Both Sides of the Atlantic
- 3:30 George Milner—Population, Economy, and Warfare: Their Relationship to Sociopolitical Evolution in Prehistoric Eastern North America
- 3:45 Timothy Pauketat—Discussant
- 4:00 Douglas Price—Discussant
- 4:15 TR Kidder—Discussant

**[62] SYMPOSIUM ■ A DARKER DISCIPLINE: EXPANDING THE FRONTIERS OF WORLD CAVE  
ARCHAEOLOGY**

**Room:** 222 (AC)

**Time:** 1:00 PM–5:00 PM

**Organizers and Chairs:** Scott Nicolay and Susie Jansen

**Participants:**

- 1:00 Scott Nicolay, Sergio Rapu and J. Judson Wynne—The Underground Gardens of Easter Island: Cave Agriculture, Water Management, and Prehistoric Cave Use on Rapa Nui
- 1:15 Don Coons and Barbara Coons—Archaeology in Hawaiian Caves
- 1:30 Karla Mayne—The Importance of Collaborative Efforts Between Cavers and Archaeologists
- 1:45 Carol Diaz-Granados and James Duncan—Rock Art in Caves and Rock Shelters: Searching for Evidence of Prehistoric Ritual Activity
- 2:00 Valerie Altizer and Timothy Baumann—Revisiting Gourd Creek Cave (23PH14) in the Northern Missouri Ozarks
- 2:15 Ruth Armitage and Suzanne Baker—Cueva La Conga: First Cave Archaeology in

- Nicaragua
- 2:30 Peter Campbell, Susan E. Jansen and J. Craig Williams—Possible Ritual Use of Canoes in Keener Cave, Wayne County, Missouri
- 2:45 Michael Fuller—Spirit Beings Associated With Caves in Missouri
- 3:00 Kenneth Tankersley, Tyler Swinney and Andras Nagy—Wind Cave: A Prehistoric Chert Quarry in Southeastern Kentucky
- 3:15 Anne Blankenship, Jan Simek, Joseph Douglas and Alan Cressler—A World Below: New Dark Zone Cave Art from 62nd Unnamed Cave, Tennessee
- 3:30 Dennis Jenkins—Distribution, Stratigraphic Association, and Chronology of Late Pleistocene Artifacts, Coprolites, and Paleontological Specimens in the Paisley Caves of South-Central Oregon
- 3:45 Loren Davis—Stratigraphic Context and Site Formation Processes at Paisley Five Mile Caves, Oregon
- 4:00 Thomas Stafford, Dennis Jenkins and Loren Davis—AMS 14C Geochronology of the Paisley Caves' Deposits, Oregon
- 4:15 Eske Willerslev—Ancient DNA and Early Peopling of the New World
- 4:30 Cevdet Merih Ereik and Benjamin S. Arbuckle—A Living Place for the Last Hunters and Gatherers: The Epi-Paleolithic occupation of Direkli Cave (Kahramanmaras, Turkey)
- 4:45 Holley Moyes—Discussant

**[63] FORUM ■ A NEW AGE FOR THE SAA: INTERNATIONAL INDIGENOUS ARCHAEOLOGY**

*(Sponsored by Native American Relations Committee)*

**Room:** 227 (AC)

**Time:** 1:00 PM–5:00 PM

**Organizer:** Carol Ellick

**Chair:** Joe Watkins

**Moderator:** Carol Ellick

**Participants:**

- Joe Watkins—Discussant
- Hirofumi Kato—Discussant
- Des Kahotea—Discussant
- George Nicholas—Discussant
- Chris Wilson—Discussant
- Eldon Yellowhorn—Discussant

**[64] SYMPOSIUM ■ ANIMALS AND INEQUALITY IN THE ANCIENT WORLD**

**Room:** 224 (AC)

**Time:** 1:00 PM–5:00 PM

**Organizers:** Benjamin Arbuckle and Sue McCarty

**Chair:** Sue McCarty

**Participants:**

- 1:00 Benjamin Arbuckle—Producing, Distributing and Consuming Animals: Evidence for Emerging Complexity in Chalcolithic Anatolia
- 1:15 Sue McCarty—Transforming Cattle into Rain: Reassessing Relationships with Animals in the Late Neolithic Halaf of Northern Mesopotamia
- 1:30 Levent Atici—Animal Bones vs. Clay Tablets: Zooarchaeology of the Kultepe/Kanesh and Kaman-Kalehoçuk sites, Turkey
- 1:45 Joshua Wright—Inequality on the Surface: Horses, Power, and Practice in the Eurasian Bronze Age

- 2:00 Michael MacKinnon—"Tails" of Romanization: Animals and Inequality in the Roman Mediterranean Context
- 2:15 Douglas Campana and Pam Crabtree—Secondary Animal Products, Wealth, and Trade in Middle Saxon England
- 2:30 Neil Norman—Pythons in Process: An Archaeology Animals and Socio-Political Dynamics in the Bight of Benin Region, 1650-1727 A.D.
- 2:45 James Savelle—Bowhead Whales, Logistical Organization and Social Inequality amongst Prehistoric Thule Inuit
- 3:00 Adam Watson—Ritual, Cuisine, and Commensal Politics at Bc 57 and Bc 58, Chaco Canyon, NM
- 3:15 Abby Holeman—The Parrots of Paquimé: A New Look at the Role of Aviculture in 13th Century Northern Mexico
- 3:30 Ed Jackson—Animals as Symbols, Animals as Resources: Relating the Faunal Record to Ritual and Hegemony in the Mississippian World
- 3:45 Susan deFrance—Animals and Social Distinction at the Wari site of Cerro Baul, Southern Peru
- 4:00 Ashley Sharpe and William Saturno—From Ritual to Rubbish: The Maya Zooarchaeological Record of San Bartolo, Guatemala
- 4:15 Nawa Sugiyama—Animals and the State: The Role of Animals in State-Level Rituals in Mesoamerica
- 4:30 Leonardo Lopez Lujan, Ximena Chávez Balderas, Alejandra Aguirre Molina, Norma Valentín and Belem Zúñiga-Arellano—Apanohuayan, The Place for Crossing the Water: Faunal Remains West of the Earth Goddess Tlaltecuhlli monolith in Tenochtitlan
- 4:45 Patricia Wattenmaker—Discussant

**[65] SYMPOSIUM ■ EVERY PLACE IS A NODE: RETHINKING CENTERS, PERIPHERIES, AND PATRIMONY IN HONDURAS**

**Room:** 221 (AC)

**Time:** 1:00 PM–4:30 PM

**Organizers:** Virginia Winemiller, Jeanne Lopiparo, and Terance Winemiller

**Chair:** Terance Winemiller

**Participants:**

- 1:00 Terance Winemiller and Virginia Ochoa-Winemiller—Shared Cultural Identity at Chichicaste and Dos Quebradas, Olancho, Honduras
- 1:15 Jeanne Lopiparo and Geraldina Tercero—Re-Centering Currusté: Parks, Patrimony, Pedagogy, and the Public
- 1:30 Doris Maldonado—Repositioning and Expanding Inclusive Narratives in Honduran Archaeological Practice and Interpretation: Participatory Archaeology at Currusté
- 1:45 Lena Mortensen—Patrimony, Popular Imagination, and Shifting Visions of Archaeological Pasts in Honduras
- 2:00 Christopher Begley—Traditional Questions in the Archaeology of Eastern Honduras: Misled by 'Center' and 'Periphery'
- 2:15 Hayden Schortman, Patricia Urban and Edward Schortman—Seeing Culture through Instantiated Behavior: Examples from Late and Terminal Classic Southeastern Mesoamerica
- 2:30 Marcello A. Canuto and Ellen E. Bell—From the Outside Looking In: Boundaries, Borders, and Administrative Strategies in the El Paraíso Valley, Western Honduras
- 2:45 Jose E. Moreno-Cortes and Christian Wells—The Everyday Relevance of Cultural Patrimony and Heritage in the Naco Valley, Honduras
- 3:00 William McFarlane and Miranda Stockett—What Does It Mean to be Non-Maya (or



- Lenca, for that matter)? Composing a Lencan Identity from the Archaeological Record of Western Honduras
- 3:15 Christina Luke—Smart Power and Cultural Diplomacy in Honduras: Heritage and People-to-People Exchanges
- 3:30 Esteban Gómez, Rosemary Joyce and Rus Sheptak—Public Participation and Archaeology as "Textured History": The Case of the Omoa Project
- 3:45 Julia Hendon—Discussant
- 4:00 Frederick Lange—Discussant
- 4:15 Dario A. Euraque—Discussant

**[66] FORUM ■ THE LIFE OF A PROJECT: NEGOTIATING THE PRACTICALITIES AND ETHICS OF COLLABORATIVE RESEARCH**

*(Sponsored by Indigenous Populations Interest Group)*

**Room:** 241 (AC)

**Time:** 2:00 PM–4:00 PM

**Organizer:** Sara Gonzalez

**Chair:** Michael Wilcox

**Moderator:** Sara Gonzalez

**Participants:**

- Sonya Atalay—Discussant
- Jack Rossen—Discussant
- Matthew Liebmann—Discussant
- Kim Christensen—Discussant
- Jerry Howard—Discussant
- Darren Modzelewski—Discussant
- Doris Maldonado—Discussant

**[67] SYMPOSIUM ■ HUNTING RED GOLD: UPDATES IN THE PREHISTORY OF SPONDYLUS IN SOUTH AMERICA**

**Room:** 240 (AC)

**Time:** 2:00 PM–4:45 PM

**Organizer and Chair:** Benjamin Carter

**Participants:**

- 2:00 Izumi Shimada—Shell Artifact Manufacturing: Insight from a Late Horizon Shellworker's Tool Kit
- 2:15 Carol Mackey—Late Period Spondylus Usage: Examples from Chimú and Inka Tombs
- 2:30 Anne Marie Hocquenghem—El Spondylus princeps en el Extremo Norte del Perú a Partir del Periodo Intermedio Tardío
- 2:45 Eva Pajuelo and Paul Flores Escudero—Nuevos Apuntes Sobre los Talleres Malacológicos en Tumbes, Peru
- 3:00 Theresa Topic and John Topic—Spondylus Use in the North Sierra of Peru
- 3:15 Leon Doyon—Once in a Lifetime?: Spondylus Supply and Demand in the Regional Developmental Period Ecuadorian Highlands
- 3:30 Alexander Martín and Benjamin Carter—Regional Craft Standardization Through Domestic Cottage Production: New Data From the Spondylus Industry of Coastal Ecuador
- 3:45 Maria Masucci—Beyond Spondylus in Regional Developments: Shell working and Explanatory Models for the Regional Developmental Period, Coastal Ecuador

- 4:00 Adrian Velazquez and Emiliano Melgar—Tapachtli and Mullu in Mesoamerica and the Andean Region  
4:15 Joanne Pillsbury—Discussant  
4:30 Izumi Shimada—Discussant

**[68] SYMPOSIUM ■ POLYNESIAN DIASPORA: PREHISTORIC CONTACTS WITH THE NEW WORLD**

**Room:** 242 (AC)

**Time:** 2:00 PM–4:30 PM

**Organizer:** Terry Jones

**Chair:** Alice Storey

**Participants:**

- 2:00 Terry Jones—Polynesian Contacts with the New World: A History of Diffusionist Thinking  
2:15 Alice Storey—The Pre-Columbian Chickens of Chile: Re-evaluating the Assumptions of European Introductions  
2:30 Kathryn Klar—New Linguistic Evidence for Polynesian Contacts  
2:45 Elizabeth Matisoo-Smith and Jose-Miguel Ramirez—More Biological Evidence for Polynesian Contact in Chile?  
3:00 Marshall Weisler and Roger Green—Rethinking the Chronology for Colonization of Southeast Polynesia  
3:15 Richard Scaglione and Maria-Auxiliadora Cordero—South American Sweet Potato in Ancient Polynesia: Evidence for Trans-Pacific Contact?  
3:30 Andrew Clarke and Roger Green—Polynesian Contacts: The Botanical Record  
3:45 José Miguel Ramírez—Transpacific contact between Polynesia and southern Chile: More than Chicken Bones  
4:00 James Bayman—Discussant  
4:15 Alice Kehoe—Discussant

**[69] FORUM ■ ESTABLISHING PROFESSIONAL STANDARDS FOR FORENSIC ARCHAEOLOGY**

**Room:** 267 (AC)

**Time:** 3:00 PM–5:00 PM

**Organizer and Chair:** Kimberlee Moran

**Participants:**

- Karl Harrison—Discussant  
Eric Young—Discussant  
William Belcher—Discussant  
Ann Marie Mires—Discussant  
Douglas Scott—Discussant  
Melissa Connor—Discussant  
Brian Paulsen—Discussant

**[70] SYMPOSIUM ■ FROM EFFIGY MOUNDS TO MIDDENS: CULTURAL CHANGE AND CONTINUITY AMONG LATE WOODLAND POPULATIONS IN WISCONSIN**

**Room:** 231 (AC)

**Time:** 3:00 PM–5:00 PM

**Organizer and Chair:** Kira Kaufmann

**Participants:**

- 3:00 Amy Rosebrough—Power from the Earth: Effigy Mound Social Landscapes
- 3:15 Kira Kaufmann—Sleuthing Soils: Interpreting Cultural Behavior from Geophysical Data of Effigy Mound Construction in Southeast Wisconsin
- 3:30 Jay Toth—Bird Effigy Mounds: Native Aeronautics
- 3:45 Liz Handwerk—Effigy Mound Culture mortuary practices at the McClaughry Mound Group, Marquette County, Wisconsin
- 4:00 Jody Clauter—Same Vessel, Different Mound: Ceramic Analysis from the Nitschke Mound Group (47DO27) and Nitschke Garden Beds (47DO518)
- 4:15 Robert Jeske and John Richards—A New and Improved Wisconsin Woodland Chronology: Dates from Organic Residues on Ceramics Vessels
- 4:30 Kathryn Egan-Bruhy and Mark Bruhy—New Perspectives on the "Terminal Woodland" in Northern Wisconsin
- 4:45 Ernie Boszhard, Danielle Benden, Timothy Pauketat and James Theler—Early Mississippian Colonists to an Effigy Mound No-Man's Land in the Upper Mississippi Valley

**[71] POSTER SESSION ■ EVIDENCING ANCIENT CARBOHYDRATE REVOLUTIONS IN SOUTH-CENTRAL NORTH AMERICA**

**Room:** Exhibit Hall 1 (AC)

**Time:** 3:00 PM–5:00 PM

**Organizer and Chair:** Alston Thoms

**Participants:**

- 71-a Alston Thoms—Early Holocene Earth Ovens in South-Central North America: Evidence of Ancient Carbohydrate Revolutions With Bioanthropological Ramifications?
- 71-b Masahiro Kamiya—Holocene-Aged Fire-Cracked Rock Feature Variability in Texas' Savannah Regions
- 71-c Laura Short and Laura O'Halloran—Acorn processing in Texas
- 71-d Andrew Laurence—Microfossil Research Pertaining to Plant Processing Tools from Central Texas

**[72] POSTER SESSION ■ GREAT PLAINS AND ROCKY MOUNTAIN ARCHAEOLOGY**

**Room:** Exhibit Hall 1 (AC)

**Time:** 3:00 PM–5:00 PM

**Participants:**

- 72-a Susan Bender and Ben Perlmutter—Archaic Architecture at a Forager Base Camp in South Park, Colorado
- 72-b James Feathers—Dating Buried Soils Below Rock Structures
- 72-c Thomas Lincoln, Bill Chada and Jennifer Huang—Use of Light Detection and Ranging (LiDAR) Technology to Document the Condition of Historic-Era Rock Carvings and Petroglyphs in Threshing Machine Canyon, Kansas
- 72-d David Vlcek and J.D. Drucker—Research Opportunities in the Upper Green River Basin
- 72-e Mary Adair, Jack L. Hofman and Donna C. Roper—Pawnee Life and Technology at 1800: A Perspective from the Kansas Monument site, 14RP1

- 72-f Stephen Lensink and Joseph A. Tiffany—Dating the Origins of the Central Plains Tradition
- 72-g Judson Finley and Laura Scheiber—A Pilot Provenance Study of Intermountain Ware Ceramics in Western Wyoming
- 72-h Jessica Bush—A Spatial Analysis of 24HL1085: A Prehistoric Site in the Bear's Paw Mountains
- 72-i Sarah Trabert—Dismal Regional Interactions: Re-Evaluating Ceramics from the Scott County Pueblo
- 72-j Frederic Sellet, Dennis Stanford and Pegi Jodry—"Ceci n'est Pas une Pipe ?": a Possible Paleoindian Pipe from the Lindenmeier Site
- 72-k William Reitze—Paleoindian Archaeology of the Estancia Basin, New Mexico
- 72-l Arlo McKee—The Application of Ground Penetrating Radar at Kanorado, an Early Paleoindian Locality in Northwest Kansas
- 72-m Emily Williams and Jack Hofman—Distribution of Folsom Artifacts in Nebraska
- 72-n Katherine Ehlers and Eileen Johnson—Native American Petroglyphs on the Llano Estacado Escarpment

**[73] POSTER SESSION ■ MAPPING, IMAGING, AND MODELING IN ARCHAEOLOGY**

**Room:** Exhibit Hall 1 (AC)

**Time:** 3:00 PM–5:00 PM

**Participants:**

- 73-a Elizabeth Mullane—Megaliths, Mounds, and Monuments: Applying Self-Organizing Theory to Ancient Human Systems
- 73-b Ashley Lemke, Justin Halteman, Jessi Halligan and Benjamin Wells—Modeling Submerged Landscapes: Predicting Human Habitation and Archaeological Recovery in the Gulf of Mexico
- 73-c Isaac Ullah—Assessing the Accuracy of Microrefuse Sampling Techniques
- 73-d Patrick Mullen—Simulated Effects of Forager Demography on Diet Breadth
- 73-e Charles Berrey—Domestic Activities and Social Relations: Comparing Household Artifact Assemblages using Multidimensional Scaling
- 73-f Joseph Beaver—Hunter-Gatherer Ethnology and the Tyranny of Linear Analysis (with Apologies to H.M. Wobst)
- 73-g David Pacifico—Residential Architectural Patterns at El Purgatorio, Peru
- 73-h Matthew Douglass, Thomas Barker and Simon Holdaway—Assemblage Color Variability as a Proxy for Prehistoric Mobility in Western New South Wales, Australia
- 73-i Erica Prange—Learners in Clay: Experimental Studies in Eastern Woodland Ceramic Manufacture
- 73-j Eileen Ernenwein, Michael Hargrave, Jami J. Lockhart, George Avery and H. Pete Gregory—New Findings at Presidio Los Adaes, Louisiana: Results of Large-Area Geophysical Survey and Targeted Excavations
- 73-k Linda Naunapper, Jeffrey R. Ferguson and Michael D. Glascock—Instrumental Neutron Activation Analysis of Midwestern Ceramics
- 73-l John Tomasic and Tricia Waggoner—Reexamining Spindle Whorls in the North American and Mesoamerican Archaeological Records

**[74] POSTER SESSION ■ PALEODIETARY ANALYSES**

**Room:** Exhibit Hall 1 (AC)

**Time:** 3:00 PM–5:00 PM

**Participants:**

- 74-a Chrissina Burke—Applying Ethological Data to Carnivore Modification Research
- 74-b Cynthia Munoz, Stephen Smith, Raymond Mauldin and Robert Hard—Monitoring Fine-Grained Paleovegetation Shifts through Variation in Stable Carbon Isotopes of Leporids collected from Hunter-Gatherer Sites
- 74-c Heather Gibb—Metric Refitting Using Modern Deer (*Odocoileus* spp.)
- 74-d Keiko Kitagawa—Comparing Oxygen Isotope of Modern Bison Teeth
- 74-e Jenni Henecke, Kathryn Twiss and Jennifer Everhart—Long Bone Cross-Sectional Geometry As a Method for Investigating Ancient Herd Mobility
- 74-f Jenna Battillo—An Investigation into the Preservation of Saw Marks and Cut Marks on Burnt Bone
- 74-g Lauren Willis, Andrew R. Boehm and Metin I. Eren—Fish Bones, Cut Marks, and Burial: Implications for Taphonomy and Faunal Analysis
- 74-h Elizabeth Scharf—Chenopods and People: Reflecting on the use of the Chenopodiaceae in North America
- 74-i Chia-chin Wu—The Impacts of Food Processing on Parenchymous Tissue of Roots and Tubers: the Diagnostic Value of a Tissue Degradation Attributional Analysis in Identifying Specific Drying and Cooking Transformations
- 74-j Maureece Levin—Breadfruit Storage Pits in Pohnpei, Micronesia: Construction and Use

**[75] POSTER SESSION ■ SCIENCE, CHALLENGES, AND CONSERVATION: MANAGING HERITAGE RESOURCES IN THE 21ST CENTURY ON BLM'S NATIONAL LANDSCAPE CONSERVATION SYSTEM**

**Room:** Exhibit Hall 1 (AC)

**Time:** 3:00 PM–5:00 PM

**Organizer:** Margaret Heath

**Chair:** Marietta Eaton

**Participants:**

- 75-a Lou Ann Jacobson—A New Way of Doing Old Business :The Management Challenge Triangle
- 75-b Victoria Atkins—Beyond NAGPRA: Native Voice Interpretation at the Anasazi Heritage Center & Canyons of the Ancients National Monument
- 75-c Dan W Martin, Neffra Matthews, Jeanne Moe and Derrick Baldwin—Archaeological Information Technology [Computing] in BLM's NLCS, throughout BLM and Beyond
- 75-d Marietta Eaton, Robin Burgess and Rebecca Lasell—The National Landscape Conservation System and Cultural Resource Management: BLM's Multiple Use Conservation Mandate
- 75-e Kathryn Pedrick and Connie Stone—Preservation with Partners - the Agua Fria National Monument
- 75-f Karina Bryan and Colleen Sievers—Wyoming's National Historic Trails: Land Where the Wind Blows
- 75-g Douglas McFadden—Recent Investigations on the Paria Plateau, Vermilion Cliffs National Monument
- 75-h Natalie Fast—Canyons of the Ancients National Monument Cultural Landscapes
- 75-i Stacie Cearley—Cleaning Out the Freezer: Faunal Analysis and Paleoecology of the Alpha Cave Cold Storage Site

**[76] SYMPOSIUM ■ KEY ISSUES IN DIGITAL CURATION**

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

**Room:** 261 (AC)

**Time:** 3:00 PM–4:00 PM

**Organizers:** Patrick Lyons and Natalie Drew

**Chair:** Natalie Drew

**Participants:**

- 3:00 Patrick Lyons—Digital Curation at the Arizona State Museum
- 3:15 Terry Childs—A Federal Perspective on Digital Curation: Issues and Solutions
- 3:30 Natalie Drew—Meeting the Curation Challenges of the Digital Dark Age
- 3:45 Stephen Whittington, Kyle Bryner, Beverlye Hancock and Tina Smith—The Museum of Anthropology's Online Artifact Database as a Tool to Support Teaching and Research

**[77] SYMPOSIUM ■ RECONSTRUCTING HISTORIES AND LAYERS OF MEANING: MATERIAL ANALYSES FROM EL PERÚ-WAKA' AND ENVIRONS**

**Room:** 103 (AC)

**Time:** 3:00 PM–5:00 PM

**Organizer and Chair:** David Freidel

**Participants:**

- 3:00 Michelle E Rich and Jennifer Piehl—The Unknown Ruler: Burial 39 at El Peru-Waka', Peten, Guatemala
- 3:15 Damien Marken and Jennifer Piehl—Reconstructing Divergent Identities within El Peru-Waka'
- 3:30 David Lee and Stanley Guenter—Ballgame Panels from El Perú-Waka' in Regional Perspective
- 3:45 Lia Tsesmeli—The Dynamic Landscape at El Perú-Waka': Visual and Temporal Representations
- 4:00 Keith Eppich—Tracking the Late-to-Terminal Classic transition at El Peru-Waka: A Ceramic Perspective
- 4:15 Stanley Guenter—The Stelae of El Peru-Waká
- 4:30 Harriet F Beaubien—Burial Offerings Made of Painted Perishable Materials at Waka'
- 4:45 Olivia Navarro Farr, Keith Eppich and Ana Lucia Arroyave Prera—Evidence for Non-Elite Ritual Activity at the Monumental Locale of Str. M13-1 at El Perú-Waka'

**[78] SYMPOSIUM ■ PUSHING THE ENVELOPE IN CROSS-CULTURAL ARCHAEOLOGY**

**Room:** 262 (AC)

**Time:** 3:30 PM–4:45 PM

**Organizer and Chair:** David Small

**Participants:**

- 3:30 Carla Antonaccio—Feast or Famine? Cross Cultural Analogy in Mediterranean Archaeology
- 3:45 Michael Galaty, George Bey and Timothy Ward—Laboratory Approaches to Cross-Cultural Comparative Archaeology
- 4:00 P. Nick Kardulias—A Holistic Archaeology: Cross-Cultural Research and World-Systems Analysis

- 4:15 Nikolay Kradin—A Macroscopic View
- 4:30 David Small—Can we Develop a Structural Cross-Cultural Archaeology?

**[79] GENERAL SESSION ■ ARCTIC & SUBARCTIC ARCHAEOLOGY**

**Room:** 101 (AC)

**Time:** 3:30 PM–5:00 PM

**Chair:** Anne Jensen

**Participants:**

- 3:30 Andrew Tremayne—An Analysis of Faunal Remains from a Denbigh Flint Complex Camp at Matcharak Lake (AMR-186), Alaska
- 3:45 Dustin Keeler—Modelling Settlement Patterns based on the results of Regional Survey in Northern Finland
- 4:00 Anne Jensen—Before Birnirk/Thule: Ipiutak and Others in the Barrow Area
- 4:15 Caroline Funk, Brian Hoffman and Debra Corbett—Aleut Landscapes and Seascapes: The Rat Islands, Alaska
- 4:30 Karen Ryan and Janet Young—A Possible Example of Shamanistic Healing Amongst the Sadlermiut Inuit of Arctic Canada
- 4:45 Scott Shirar, Jeff Rasic and Pat Druckenmiller—A Synthesis of Prehistoric Dog and Wolf Remains in Alaska

**[80] SYMPOSIUM ■ SHIPWRECKS AS PART OF OUR MARITIME CULTURAL HERITAGE**

**Room:** 106 (AC)

**Time:** 4:00 PM–4:45 PM

**Organizers and Chairs:** Laura Gongaware and Kristen Vogel

**Participants:**

- 4:00 Bradley Krueger—Anthony Wayne's Last Stand: The Fight for a Mid-19th Century Great Lakes Steamboat
- 4:15 Kristen Vogel and Laura Gongaware—Protecting Against Destruction: The Failed Salvage Attempt of a Nineteenth-Century Steamboat and the Missouri State Legislation that Followed
- 4:30 Laura Gongaware and Kristen Vogel—Missouri's Battle to Protect Its Shipwrecks: Then and Now

## Thursday Evening ■ April 15, 2010

**[81] SYMPOSIUM ■ FROM THE AMERICAN SOUTHWEST TO CALIFORNIA AND BEYOND:  
PAPERS IN HONOR OF MICHAEL GLASSOW, PART 2**

**Room:** 229 (AC)

**Time:** 6:00 PM–7:45 PM

**Organizer:** John Johnson

**Chair:** Julia Costello

**Participants:**

- 6:00 Shelly Davis-King—Glassowisms and Their Subsistence Support for One Person's Career Path
- 6:15 Stephen Horne—Rethinking Lithic Technology of the Inland Chumash and their Antecedents
- 6:30 Dustin McKenzie, Mark Hylkema and John Schlagheck—Middle Holocene Subsistence and Settlement Patterns at the Sand Hill Bluff Site
- 6:45 Heather Thakar—Reconsideration of Traditional Conception of Shellfish Intensification
- 7:00 Brenda Bowser, Paul Langenwaller, Holly Eeg, Daniel Grijalva and Nhi Truong—Early-to-Middle Holocene Fishing: The Importance of Estuarine Resources from the Perspective of Archaeological Site CA-ORA-64
- 7:15 Lynn Gamble—Discussant
- 7:30 Michael Moratto—Discussant

**[82] GENERAL SESSION ■ GENERAL OLD WORLD ARCHAEOLOGY**

**Room:** 103 (AC)

**Time:** 6:00 PM–8:00 PM

**Chair:** Nerissa Russell

**Participants:**

- 6:00 Mark Collard, Kevan Edinborough, Stephen Shennan and Mark Thomas—Radiocarbon Evidence Indicates that Migrants Introduced Farming to Britain
- 6:15 Nerissa Russell—The Three Faces of Domestication
- 6:30 Carrie Roth-Murray—Artefacts and Ecofacts: Questioning the Social Role of Material Culture
- 6:45 Matthew Sisk and John Shea—The Use of Cross-Sectional Perimeter in Modeling Stone Projectile Point Use
- 7:00 Olaf Nehlich and Michael Richards—Sulphur Isotope Analysis of Ancient Bone Collagen
- 7:15 Kelly Harkins—The Bioarchaeology of Disability Identity
- 7:30 Ricardo Elia and Amalia Perez-Juez—Teaching Heritage Management in an Archaeological Field School: An Example from Menorca
- 7:45 Noreen von Cramon-Taubadel and Ron Pinhasi—Cranio-metric Data Supports Demic Diffusion Model for the Spread of Agriculture into Europe

**[83] SYMPOSIUM ■ CURRENT RESEARCH ON THE COLLECTIONS FROM THE ORENDORF SITE,  
FULTON COUNTY, ILLINOIS**

**Room:** 224 (AC)

**Time:** 6:00 PM–8:15 PM

**Organizer and Chair:** Lawrence Conrad

**Participants:**

- 6:00 Lawrence Conrad—Introduction to the Orendorf Project



- 6:15 Mary Simon—Indications for Middle Mississippian Period Plant Use from the Orendorf Site in Illinois
- 6:30 Steven Kuehn—Faunal Exploitation at Orendorf: A Preliminary Look at the Settlement D and C Assemblages
- 6:45 Janet Speth—The Orendorf Avifauna Revisited
- 7:00 Alexey Zelin—Orendorf Settlement D: A Middle Mississippian Town Ceramic Assemblage
- 7:15 Brenda Beck, Amanda Butler and Madeleine Evans—Distance Makes the Rocks Grow Fonder: A Comparative Look at the Cahokian Influence (or Lack Thereof) on the Orendorf Lithic Assemblage
- 7:30 Amanda Butler, Brenda Beck and Madeleine Evans—Profile of the Lithic Assemblage from a Central Illinois River Valley Mississippian Town Site
- 7:45 Jeremy Wilson, Jennifer Bauder and Dawnie Steadman—Modeling Mississippians: The Orendorf Skeletal Sample, Understanding Regional Population Dynamics, and the Relationship to Recent Theoretical and Methodological Advancements in Bioarchaeology
- 8:00 Gregory Wilson—Discussant

**[84] SYMPOSIUM ■ TURDS, TURKEYS, AND TICKS ON CEDAR MESA: NEW INSIGHTS FROM OLD COLLECTIONS**

**Room:** 221 (AC)

**Time:** 6:00 PM–8:00 PM

**Organizer:** R. Matson

**Chair:** William Lipe

**Participants:**

- 6:00 Brian Kemp, Cara Monroe, Phil Geib, William Lipe and RG Matson—Genetic Analysis of Coprolites from Southeastern Utah
- 6:15 Camilla Speller, Scott Wyatt, William Lipe, Cara Monroe and Dongya Yang—Origins of Southwestern Domestic Turkeys
- 6:30 BreAnne Nott, John Jones and Brian Kemp—Palynological and Molecular Analysis of Ancient Turkey Coprolites from Turkey Pen Ruin
- 6:45 R.G. Matson and Jesse Morin—Differentiating Archaic and Basketmaker II Projectile Point Manufacturing Techniques
- 7:00 Emily Holstad and John Jones—Cooking With Limestone: Does it Enhance Maize Nutrition?
- 7:15 Diane Curewitz and R.G. Matson—The 13th Century Depopulation of Cedar Mesa: The View from Ceramic Design
- 7:30 William Lipe, Donna Glowacki and Thomas Windes—Dynamics of 13th Century Depopulation of the Northern San Juan: The View from Cedar Mesa
- 7:45 Winston Hurst—Discussant

**[85] SYMPOSIUM ■ ANTHROPOLOGICAL GEOPHYSICS: SCALE AND CONFIGURATION IN THE ARCHAEOLOGICAL RECORD**

**Room:** 106 (AC)

**Time:** 6:00 PM–8:15 PM

**Organizers:** James Enloe and Jason Thompson

**Chair:** Jason Thompson

**Participants:**

- 6:00 Jason Thompson—Ground-Penetrating Radar and Imaging of Complex Subsurface Archaeological Materials
- 6:15 Lawrence Conyers—Ground-penetrating Radar Visualization Techniques for

- Anthropological Analysis
- 6:30 Shawn Patch and Danny Gregory—Refining Middle Woodland Site Structure: Ground Penetrating Radar Investigations at Site 40Mi70, Marion County, Tennessee
- 6:45 William Whittaker— Limitations of Expectations: Ground-Penetrating Radar Survey of Five Frontier Forts
- 7:00 Victor Thompson, Phillip Arnold, Thomas Pluckhahn and Amber VanDerwarker— Shallow Geophysics and the Analysis of Persistent Places
- 7:15 Ben Vining—Assessing the Complexity of Built Archaeological Environments: A Multi-data Geophysical Approach
- 7:30 Jennie Sturm—Using GPR to Study a Historic Denver Neighborhood
- 7:45 Lawrence Conyers—Discussant
- 8:00 James Enloe—Discussant

**[86] SYMPOSIUM ■ ARPA AT 30: LESSONS LEARNED FOR THE FUTURE**

*(Sponsored by Government Affairs Committee)*

**Room:** 104 (AC)

**Time:** 6:00 PM–8:30 PM

**Organizer and Chair:** Martin McAllister

**Participants:**

- 6:00 David Griffel—Solutions For Successful ARPA Investigations
- 6:15 Todd Swain and Tim Canaday—ARPA Lessons From the Field
- 6:30 Jeanette Matovich, Daniel P. Love, Patrick G. Brosnan and Richard McKelvie— Overview and Lessons Learned from Cerberus Action, History's Largest ARPA Case
- 6:45 James Adovasio—Forensic Sedimentology: Past, Present, and Promise
- 7:00 James Moriarty—ARPA Undercover Investigations: One Path to Success with ARPA
- 7:15 Elise Foster—Proposed Amendments to ARPA on Restitution and Use of Funds Collected
- 7:30 Martin McAllister—Archaeological Damage Assessment Under ARPA: A Long, Strange Trip
- 7:45 Douglas Craig and Johna Hutira—Applying Federal Damage Standards to Non-Federal Land: A Case Study from Southern Arizona
- 8:00 Sherry Hutt—Discussant
- 8:15 Mark Michel—Discussant

**[87] SYMPOSIUM ■ DIVERSITY ON THE EDGE OF THE SOUTHWEST: LATE HUNTER-GATHERERS AND FARMERS OF THE JORNADA MOGOLLON**

**Room:** 102 (AC)

**Time:** 6:00 PM–8:45 PM

**Organizers:** Thomas Rocek and Jim Railey

**Chairs:** Jim Railey and Thomas Rocek

**Participants:**

- 6:00 Chris Turnbow and Jim A. Railey—Intensive Farming in Southern New Mexico: Earlier Than We Thought
- 6:15 Thomas Rocek—Jornada Huts and Houses: Implications of Formative Architectural Diversity in the Jornada Mogollon
- 6:30 Christine Ward and Shaun Phillips—Early Formative Period Villages in the Tularosa Basin: The View from LA 152064

- 6:45 Nancy Kenmotsu and Myles Miller—Measuring Diversity in Land Use and Settlement Intensity in the Jornada Mogollon before and after A.D. 1000
- 7:00 Peter Condon, Javier Vasquez and Luis Sierra—Evaluating Formative Period Subsistence Economies in the Jornada Mogollon Region: Current Trends and Perspectives
- 7:15 Shaun Lynch and Thomas Rocek—The Dunlap-Salazar Site Lithic Sources, and Highland Pithouse Period Mobility in the Jornada Mogollon of South-Central New Mexico
- 7:30 John Montgomery—Burned Rock Feature Variability in Southeast New Mexico
- 7:45 Doug Boggess, David Hill, Linda Cummings, Chad Yost and Mary Malainey—What's For Supper: The Contents of a Complete Vessel found in Southeast New Mexico
- 8:00 Chad Yost—Tropical Arrowroot Family (Marantaceae) Phytoliths and Starch Observed in Jornada Brown Bowl Fill Samples from Site LA 149260, Southeast New Mexico
- 8:15 Jim Railey and Matthew Bandy—Demography and Subsistence-Settlement Trends in the Permian Basin Study Area, Southeastern New Mexico
- 8:30 George MacDonell and Lynn Robinson—Ongoing Research at Jornada Mogollon Village Sites of Southeastern New Mexico

**[88] GENERAL SESSION ■ METHOD, THEORY AND PRACTICE IN ARCHAEOLOGY**

**Room:** 232 (AC)

**Time:** 6:00 PM–8:30 PM

**Chair:** Evan Peacock

**Participants:**

- 6:00 Bill Schindler and Aaron Krochmal—Finish Your Plate! Rethinking Relative Utility Factors to Better Model Resource Potential in Prehistoric Diets
- 6:15 Andrew White—A Computational Exploration of the Effects of Network Size and Structure on the Outcomes of Cultural Transmission Processes
- 6:30 Charles Boyd and Donna Boyd—Exploring the Theoretical Basis of Forensic Archaeology
- 6:45 Evan Peacock and Barrett Burnworth—What are We Saving? A Nationwide Review of Phase I Survey Reports
- 7:00 Deborah Nichols and Susan Evans—Americanist Archaeology Explains the World: A View from the Region
- 7:15 Angela Jaillet— Dealing with Dirt and Doubt: Archaeology Outreach in Agricultural Education
- 7:30 Victor Fisher—Themes in Environmental Archaeology
- 7:45 Katharine Ellenberger—Building Community Through Archaeology: A Method for Indigenous Community Involvement in Archaeology on the Northwest Coast
- 8:00 Philip Millhouse—Burial Mound Preservation in Northwestern Illinois and the Success of Multi-Party Cooperation
- 8:15 Adam Sellen and Lynne Lowe—A Passion for Collecting: The Archaeological Cabinet of Don Florentino Jimeno, Campeche, Mexico

**[89] SYMPOSIUM ■ ARCHAEOASTRONOMY IN THE AMERICAS**

**Room:** 242 (AC)

**Time:** 6:00 PM–9:00 PM

**Organizer:** Bob Benfer

**Chair:** Rubén Mendoza

**Participants:**

- 6:00 Rubén Mendoza—Archaeoastronomy and Solar Eucharistic Worship in the Millennial New World
- 6:15 Andrew Munro—Astronomy and the Design of Late Bonito Great Houses at Chaco Canyon
- 6:30 Kim Malville and Nancy Malville—The High Communities of Chimney Rock: Ceremony, Trade, and Astronomy
- 6:45 Francis Scardera, Laurie Rush, Margaret Schulz and Randy Amici—Consideration for astronomically-aligned stone features in the Northeast
- 7:00 Michael Grofé—The Copán Baseline and the Outlier Stelae: The Orion Hearthstones and the Solar Zenith
- 7:15 Rosanna Quiroz Ennis—Eclipses and the Southern Cross at Cañada de la Virgen
- 7:30 John Major Jenkins—Astronomy and the Long Count
- 7:45 James Zeidler—Archaeoastronomy, Community Plan, and Domestic Structure Orientation at Real Alto, Coastal Ecuador: Why Don't the Houses Face the Plaza?
- 8:00 Phyllis Pitluga—Andean Milky Way Model Tested on Nasca Zones 6-7-8
- 8:15 Larry R. Adkins and Robert A. Benfer—Lunar Standstill Phenomena at the Preceramic Buena Vista Site in Perú
- 8:30 Robert Benfer—New Solar Alignments from Buena Vista, Peru
- 8:45 Steven Gullberg—Cosmology of Inca Huacas: Designed Effects of Light and Shadow

**[90] SYMPOSIUM ■ IN THE EASTERN FLUTED POINT TRADITION**

**Room:** 220 (AC)

**Time:** 6:00 PM–9:30 PM

**Organizer and Chair:** Joseph Gingerich

**Participants:**

- 6:00 Stephen Loring and Derek Wilton—Another "Ghost of Courageous Adventurers": a Ramah Chert Fluted Projectile Point from the Champlain Sea Beaches of northern Vermont
- 6:15 Richard Boisvert—The Potter Site, Randolph, NH: A Multipurpose Paleoindian Encampment in the White Mountains
- 6:30 Kurt Carr—A Preliminary Analysis of Artifacts from the Shoop site (36Da20): Technological and Functional Implications
- 6:45 Michael Stewart, Kurt Carr and Michael Frankl—The Thunderbird Site and the Flint Run Paleoindian Complex, Virginia
- 7:00 Albert Goodyear—Clovis and Post Clovis Paleoindian Manifestations in the Central Savannah River Region
- 7:15 Ashley Smallwood, D. Shane Miller and Doug Sain—An Overview of the Clovis Lithic Assemblage from the Topper Site, South Carolina
- 7:30 Thomas Loebel—Microwear, Great Lakes Paleoindians, and the Perishable Record
- 7:45 James Dunbar, Glen H. Doran and W. Jack Rink—Paleoindian Sites Revisited – Known Sites and New Perspectives
- 8:00 Stuart Fiedel—Is That All There Is? The Weak Case for Pre-Clovis Occupation of Eastern North America

- 8:15 Shane Miller, Joseph A.M. Gingerich and Erik N. Johanson—Ambiguous Chronologies and Biface Morphology: Examining Spatial and Temporal Trends in Eastern Fluted Points
- 8:30 John Blong—Paleoindian Toolstone Provisioning and Settlement Organization at the Higgins site, 18AN489
- 8:45 Joseph Gingerich—Biface Morphology and the Occupation of the Plenge Paleoindian Site
- 9:00 Jeff Illingworth, James Adovasio and C. Andrew Hemmings—Geoarchaeological Explorations on the Inner-Continental Shelf of the Florida Gulf of Mexico
- 9:15 David Anderson—Discussant

**[91] SYMPOSIUM ■ NEW APPROACHES TO THE ARCHAEOLOGY OF BLUE CREEK AND NORTHWESTERN BELIZE**

**Room:** 241 (AC)

**Time:** 6:00 PM–8:30 PM

**Organizer and Chair:** Thomas Guderjan

**Participants:**

- 6:00 Thomas Guderjan—The Blue Creek Project: A Brief History and Current Research Domains
- 6:15 Gabriel Wrobel, David Glassman and James Tyler—Human Osteology of Blue Creek, Belize
- 6:30 Colleen Hanratty—Collapse and Post-Collapse Processes of Blue Creek
- 6:45 Marc Wolf and Thomas Guderjan—Maya Settlement Patterns in Northwestern Belize: Environmental Relations, Resource Availability and Local Site-Planning Traditions
- 7:00 Sheryl Luzzadder-Beach and Timothy Beach—Wetlands Agricultural Research
- 7:15 Stephen Reichardt and Samantha Krause—A GIS Approach to Managing Data from the Ancient Maya Civilization of blue Creek
- 7:30 Robert Warden—3D Documentation Methods for Artifacts and Architecture
- 7:45 Bruce Dickson—Discussant
- 8:00 Fred Valdez—Discussant
- 8:15 John Morris—Discussant

**[92] GENERAL SESSION ■ RECENT RESEARCH IN EGYPT, THE NEAR EAST, AND THE GULF REGION**

**Room:** 261 (AC)

**Time:** 6:15 PM–8:30 PM

**Chair:** Christine Plimpton

**Participants:**

- 6:15 Ashton Spatz—An Examination of PPNB Marine Mollusc Shell Exchange Networks in the Southern Levant
- 6:30 Marta Sobur—Shell Craft Production in South-Eastern Arabia during the Iron Age II
- 6:45 Crystal Fritz—Pottery and Emergent Complexity in Southeastern Arabia
- 7:00 Royal Ghazal—Risky Business: An Archaeological Inquiry into the Politics of Solidarity and Ritual De-Commoditization in Bronze Age Oman
- 7:15 Danielle Fatkin, Katherine Adelsberger, Benjamin Porter, Bruce Routledge and Andrew Wilson—In Search of Empire: On-Site Survey at Dhiban (Jordan)
- 7:30 Joshua Trampier—From Holes in the Ground to Lines in the Sand: Landscape Archaeology in Light of Bureaucratic and Academic Dimensions of Egyptian Cultural Heritage

- 7:45 Mallorie Hatch and Kent M. Johnson—Assessing the Role of Lineage Competition in the Development of Social Complexity in Ancient Egypt: Biological Affinity in the Predynastic Period at Naqada
- 8:00 Christine Plimpton—Determining Domestic Space Use Continuity Through Syntactic Analysis
- 8:15 Jay Silverstein, Robert Littman and Daniel Jones—Archaeology in the Nick of Time: Saving Graeco-Roman Thmuis, Egypt

**[93] FORUM ■ DIGGING UP THE FUTURE OF PUBLISHING: THE ARCHAEOLOGY OF THE AMERICAS DIGITAL MONOGRAPH INITIATIVE**

**Room:** 226 (AC)

**Time:** 6:15 PM–9:00 PM

**Organizer and Chair:** Bennett Lovett-Graff

**Participants:**

Keith Kintigh—Discussant  
Dean R. Snow—Discussant  
Julian Richards—Discussant  
Darrin Pratt—Discussant  
Allyson Carter—Discussant  
John Byram—Discussant  
Rebecca Rauch—Discussant  
Mary Lenn Dixon—Discussant  
Stephen Plog—Discussant  
Mark Kurtz—Discussant  
Fred Limp—Discussant

**[94] SYMPOSIUM ■ ARCHAEOLOGY IN THE VALLEYS OF COCHABAMBA: A SESSION IN MEMORY OF CRAIG MORRIS**

*(Sponsored by Committee on the Americas)*

**Room:** 100 (AC)

**Time:** 6:15 PM–8:45 PM

**Organizers:** Alvaro Higuera and Timothy McAndrews

**Chair:** Alvaro Higuera

**Participants:**

- 6:15 Monica Barnes—The Life and Work of an Andean Archaeologist: Craig Morris' Contributions to our Understanding of the Inca
- 6:30 Olga Gabelman—A Society in Change?: The Formative Period in the Cochabamba Valleys
- 6:45 Alvaro Higuera—Tiwanaku Times in the Valleys: Interaction and Dealings in Andean Prehistory
- 7:00 Timothy McAndrews—Culture Continuity and Change from Formative through Tiwanaku Times at Pirque Alto
- 7:15 Karen Anderson—Late Formative through Late Horizon Occupations Patterns in the Central Valley of Cochabamba.
- 7:30 Zulema Terceros Céspedes—Macrorestos Botánicos en el Valle de Cochabamba  
Un estudio preliminar de comparación en tiempo y espacio.
- 7:45 David Pereira—Morris in Cochabamba: In Search of the Economic Foundations of the Inca Empire
- 8:00 Claudia Rivera—Middle Horizon Trajectories in the Eastern Valleys of Bolivia
- 8:15 Mario Rivera—Discussant
- 8:30 James Snead—Discussant

**[95] FORUM ■ THE LIFE HISTORIES OF OBJECTS IN EAST ASIAN PREHISTORY AND HISTORY**

**Room:** 231 (AC)

**Time:** 6:15 PM–9:15 PM

**Organizer and Chair:** Francis Allard

**Participants:**

Francis Allard—Discussant  
Ilona Bausch—Discussant  
Pochan Chen—Discussant  
TzeHuey Chiou-Peng—Discussant  
Rowan Flad—Discussant  
Ling-yu Hung—Discussant  
Tianlong Jiao—Discussant  
Katheryn Linduff—Discussant  
Gideon Shelach—Discussant  
Sascha Priewe—Discussant  
Yan Sun—Discussant  
Xiaolong Wu—Discussant

**[96] SYMPOSIUM ■ STOREROOMS, TOKENS AND ADMINISTRATIVE DEVICES IN EARLY COMPLEX SOCIETIES**

**Room:** 227 (AC)

**Time:** 6:30 PM–8:30 PM

**Organizer:** Linda Manzanilla

**Participants:**

6:30 Yossi Garfinkel—Early Administration at Tel Tsaf: A 6th millennium BC site in the central Jordan Valley  
6:45 Tom Pozorski and Shelia Pozorski—New World Bureaucracy at 1500 B.C.: Evidence from the Casma Valley of Peru  
7:00 John Topic—Andean Accounting Systems in Light of The Chimu System at Chan Chan  
7:15 Gary Urton—The Paradigm of the Knotted String as a Model for the Structure and Organization of Storage Facilities in the Inka Empire  
7:30 Frank L. Salomon—Ritual-Administrative Control of Goods in an Andean Village Storehouse  
7:45 Michael Smyth—Storage, Tribute, and Political Administration among the Lowland Maya  
8:00 Linda R. Manzanilla—Craft Activity and Administrative Devices at Teotihuacan, Central Mexico  
8:15 Mitchell Rothman—Discussant

**[97] GENERAL SESSION ■ NEW TECHNICAL APPLICATIONS TO CARIBBEAN ARCHAEOLOGY**

**Room:** 240 (AC)

**Time:** 6:30 PM–9:00 PM

**Chair:** James VanderVeen

**Participants:**

6:30 Jason Laffoon, Menno Hoogland and Roberto Valcarcel Rojas—Exploring Mobility and Origins in Caribbean Contexts: An Isotopic Perspective  
6:45 Claudette Casile—Statistical Perspectives on the Palynological Investigation of Marie Galante, FWI

- 7:00 John Jones, Peter E. Siegel, Nicholas P. Dunning and Deborah Pearsall—Human Occupation and Settlement on Trinidad: Pollen Evidence from a Series of Sediment Cores
- 7:15 Hayley Mickleburgh and Roberto Valcarcél Rojas—What's in a Smile? Patterns of Dental Wear and Pathology at El Chorro de Maíta, Cuba
- 7:30 James VanderVeen—Evaluating Classic Taíno Culture History: An Interesting Intersection of Carbon Dating, Cholesterol, and Ceramics
- 7:45 Emma Bate—Lucayans and Spaniards: Early Contact at the Long Bay Site, San Salvador, Bahamas
- 8:00 William Pestle—Intra-societal Dietary Variation in Pre-historic Puerto Rico
- 8:15 Michael Young—Technological Style and the Atlantic World System: A Case Study in African-Caribbean Pottery from Montserrat
- 8:30 Stephan Lenik—French Jesuits and Plantation Landscapes in the West Indies
- 8:45 Paula Saunders—Up from the Ground: An Architectural Study of Enslaved Houses at a Nineteenth-Century Coffee Plantation in Jamaica

**[98] GENERAL SESSION ■ RECENT RESEARCH IN COASTAL PERU**

**Room:** 230 (AC)

**Time:** 6:30 PM–8:30 PM

**Chair:** Brian Billman

**Participants:**

- 6:30 Ana Nieves—The “Mythical Killer Whale” in Nasca Valley Rock Art and Nasca Ceramic Iconography
- 6:45 Luis López-Hurtado—Factional Competition and Religion at the site of Panquilma, Peruvian Central Coast
- 7:00 Vanessa Chang—Identifying Elite Structures in the site of Panquilma
- 7:15 Valentine Wauters and Mafalda Martins—Feasting for the Dead: Funerary Practices and Ancestor Veneration at Panquilma, Peruvian Central Coast
- 7:30 Ashley Heaton and Stacy Dunn—New Research on Local Elite Control in the Huaura Valley, North-Central Coast of Peru
- 7:45 Evan Surridge—Domestic Economy and Lithic Technology in the Early Intermediate Period: A View from the Middle Moche Valley, Peru
- 8:00 Miranda Brunton—Weaving in Context: Exploring the Socio-Political Interactions of Textile Production in Chan Chan, Peru
- 8:15 Brian Billman and Jesus Briceno Rosario—Preserving Archaeological Sites by Forming Community Partnerships: A Case Study from the North Coast of Peru

**[99] GENERAL SESSION ■ MAYA ICONOGRAPHY AND RITUAL**

**Room:** 105 (AC)

**Time:** 6:30 PM–9:15 PM

**Chair:** Jessica Christie

**Participants:**

- 6:30 Robert Hall—Those Two Maya Days of Creation: Why 542 Days Apart?
- 6:45 Michael Saunders—The Sacred Sites of San Jose Chacaya: Prehistoric Associations to Contemporary Ritual
- 7:00 Melisa Quesenberry—The Virgin of the Cenote: Yucatán's Goddess in the Well
- 7:15 Vernal G. Norman—2012 End Date?--Izapa Stela 5 World Tree Ages
- 7:30 Jessica Christie—Time and the Ancient Maya: Period Ending Ceremonies as Political Control Mechanisms



- 7:45 Alexandre Tokovinine—"As Twenty Eight Lords Witnessed": Group Identities in the Classic Maya Political Landscape
- 8:00 Sarah Kurnick—Women in Stone: Understanding the Classic Period Maya Female Ajaws
- 8:15 Annabel Raab—Evidence of a pan-Mesoamerican Oracle/Priestess Complex
- 8:30 Ryan Mongelluzzo—Ahaw in the Abstract: Ancient Maya Rulership as a Power Strategy
- 8:45 Lucia Henderson—A Journey to Fire-Mountain: Lake Amatitlán in Teotihuacano Belief
- 9:00 Shawn Morton, Gabriel Wrobel, Rebecca Shelton and Joshua Lynch—Ritual Circuits and Subterranean Material Assemblages in the Caves Branch River Valley, Belize

**[100] SYMPOSIUM ■ ALLIANCE AND LANDSCAPE ON PERRY MESA, CENTRAL ARIZONA**

**Room:** 101 (AC)

**Time:** 7:00 PM–9:00 PM

**Organizer and Chair:** David Abbott

**Participants:**

- 7:00 David Abbott and Katherine Spielmann—Alliance and Landscape on Perry Mesa, Central Arizona
- 7:15 Scott Ingram—Regional Influences on Central Arizona Population Dynamics
- 7:30 Melissa Kruse—The Prehistoric Food Supply: Evaluating Self-Sufficiency of Perry Mesa Inhabitants
- 7:45 Christopher Watkins and Sophia Kelly—Exchange Spheres and Social Boundaries in the Central Arizona Uplands: An Evaluation of the Verde Confederacy Model using Plain Ware Provenance Data
- 8:00 Wes Bernardini—Ceramic Connections: Documenting Ties between the Hopi Mesas and the Verde Region in the 14th Century A.D.
- 8:15 Arleyn Simon, Jennifer Huang and Tina Carpenter—Demarcation of the Landscape; Rock Art Evidence for Alliance, Conflict, and Subsistence at Perry Mesa, Arizona
- 8:30 Glen Rice—Discussant
- 8:45 Jeffery Clark—Discussant

**[101] GENERAL SESSION ■ EXPLORING THE EUROPEAN BRONZE AGE**

**Room:** 225 (AC)

**Time:** 7:00 PM–9:00 PM

**Chair:** Daniel Pullen

**Participants:**

- 7:00 Daniel Sosna and Vladimir Sladek—Bell Beaker Warfare in Central Europe: Practice vs. Symbolism
- 7:15 Maureen Marshall and Ruzan Mkrtychyan—The Practice of Violence: A Bioarchaeological Investigation of Trauma in the Late Bronze and Iron I periods in the South Caucasus
- 7:30 Daniel Pullen and Thomas Tartaron—Enlarging Small Worlds: The Saronic Gulf and Mycenaean State Expansion
- 7:45 Meredith Reifschneider—Storage and Exchange in Bronze Age Greece
- 8:00 Jill Hilditch—Deconstructing Minoanization: Ceramic Technology and Social Practice in the later Middle Bronze Age Cyclades
- 8:15 Sabrina Gloux and Andre Gonciar—Integrating DNA analyses to Bioarchaeology

- or Physical Anthropology studies: The potential benefits in approaching unknown populations as the Noua Culture
- 8:30 Taylor Hermes—Networking the Steppe: agent-based mobile pastoralism and multilayered social connectivity
- 8:45 Andre Gonciar—Extracting Emotion: Funeral Behavior in Late Bronze Age, Transylvania (Romania)

**[102] SYMPOSIUM ■ THE LATE PREHISTORIC AND PROTOHISTORIC COMPONENTS AT THE NEW LENOX SITE**

**Room:** 223 (AC)

**Time:** 7:00 PM–9:15 PM

**Organizers:** Rochelle Lurie and Kathleen Ehrhardt

**Chair:** Rochelle Lurie

**Participants:**

- 7:00 Rochelle Lurie and Kathleen L. Ehrhardt—Setting the Stage: Historic and Archaeological Context for the New Lenox Site
- 7:15 M. Catherine Bird—Ceramic Traditions Identified at the New Lenox Site (11-Wi-213)
- 7:30 Scott Demel—Using Features and Contents to Recognize Cultural Change
- 7:45 Clare Tolmie—Through the Woods and into the Creek: Floral and Faunal remains from New Lenox (11-Wi-213)
- 8:00 Steven Katz and Rochelle Lurie—Analysis of the Lithic Assemblage from the New Lenox Site
- 8:15 Michelle Birnbaum—More Than Just a Box of Rocks: Mineralogical and Use Analysis of Fire-Cracked Rock from the Late Prehistoric/Proto-Historic New Lenox Site, New Lenox, Illinois
- 8:30 William Billeck—Seventeenth Century Glass Beads from the New Lenox Site in Will County, Illinois
- 8:45 Kathleen Ehrhardt—The Protohistoric Copper-base Metal Industry from New Lenox
- 9:00 James A. Brown—Discussant

**[103] SYMPOSIUM ■ OAXACA ARCHEOLOGY: RECENT RESEARCH ON PRE-HISPANIC SOCIETIES**

**Room:** 228

**Time:** 7:00 PM–10:00 PM

**Organizers:** Nelly Robles Garcia and Ricardo Higelin

**Chairs:** Nelly Robles and Noreen Tuross

**Participants:**

- 7:00 Veronica Perez—Sustainability and Agricultural Production in Highland Urban Centers: The Case of Cerro Jazmín, Oaxaca
- 7:15 Laura Stiver Walsh—A Classic Period Mixtec Señorío in the Teposcolula Valley
- 7:30 Noreen Tuross, Nelly Robles Garcia, Antonio Martinez Tuñón, Christina Warinner and Dylan Clark—Between Yagul and Mitla
- 7:45 Ricardo Higelin—Que nos Dice la Muerte: los Restos Esqueléticos de Atzompa, Oaxaca
- 8:00 Agustín Andrade—El Análisis Espacial del Conjunto Monumental de Atzompa
- 8:15 Lucía Cazares—El Adoratorio Central de Monte Alban
- 8:30 Jorge Ríos—Sector Suroeste de Lambityeco: Nuevas Perspectivas Sobre su Contexto Urbano

- 8:45 Dante Garcia—La Tumba O1 de San Pedro Ixtlahuaca: Una Escena Funeraria del Posclásico Temprano en el Valle de Oaxaca
- 9:00 Antonio Martinez—La Cueva de los Machines: Diversidad en la Pictografía Rupestre en Oaxaca
- 9:15 Olga Landa—Yucundaa, el Proyecto Arqueologico: INvestigaciones Recientes
- 9:30 Nelly Robles and Jack Corbett—Manejo de Recursos Arqueologicos en Oaxaca
- 9:45 Ivan Rivera—Las vasijas efigie ñuiñe: iconografía, poder y jerarquía social durante el Clásico en la Mixteca Baja.

**[104] SYMPOSIUM ■ ARCHAEOLOGY WITH STYLE: CELEBRATING THE RESEARCH CAREER OF MARGARET W. CONKEY**

*(Sponsored by Rock Art Interest Group)*

**Room:** 222 (AC)

**Time:** 7:00 PM–10:15 PM

**Organizers:** Lenville Stelle and Jo McDonald

**Chair:** Lenville Stelle

**Participants:**

- 7:00 Jo McDonald and Peter Veth—From Altamira to Australia: Aggregation and Dispersal as an Explanatory Framework for Stylistic Complexity in the Western Desert
- 7:15 Jan Simek—Dark Pathways: Prehistoric Cave Art as Ritual Framework
- 7:30 Jannie Loubser—Mental States Are Locations: A Cognitive Interpretation of Rock Art and Built Structures
- 7:45 David Whitley and Carmen M.T. Whitley—Add Madness and Stir? Cognitive and Emotional Difference and the Origins of Behavioral Modernity
- 8:00 Silvia Tomášková—Archaeological Magic
- 8:15 Jean Clottes and Yanik le Guillou—Fontanet: A Painted Cave in the Ariège-Pyrenees
- 8:30 Françoise Audouze—Mobility and Social Organization in the Late Magdalenian of the Paris Basin (France)
- 8:45 Carole Fritz and Gilles Tosello—Master or Apprentice? Tradition or innovation? Man or woman?: Reflections on the identity and role of the artists in Paleolithic societies of Europe
- 9:00 Linea Sundstrom—The Shaman's New Clothes: The Limits of Neuroscience as an Interpretive Model for Rock Art
- 9:15 Lynda McNeil —The Spread of Old Uto-Aztecan Flower World Complex into the American Southwest: Anthropomorphized Cult Deities in Rock Art and Other Media
- 9:30 William Rex Weeks—Antiquity of the Midewiwin: Early Documents, Origin Stories, Archaeological Remains, and Rock Paintings
- 9:45 Carolyn Boyd and Marvin Rowe—Over and Under: A Re-Eamination of Red Linear Rock Art
- 10:00 Meg Conkey—Discussant

**Friday Morning ■ April 16, 2010**

**[105A] WORKSHOP ■ SOIL CHEMISTRY ARCHAEOCHEMICAL WORKSHOP**

**Room:** Landmark 1 (R)  
**Time:** 8:00 AM–12:00 PM

**[105] GENERAL SESSION ■ OLD PROBLEMS AND NEW INSIGHTS INTO ONEONTA AND FORT ANCIENT SOCIETIES**

**Room:** 267 (AC)  
**Time:** 8:00 AM–9:15 AM  
**Chair:** David Pollack

**Participants:**

- 8:00 Emily Hildebrant Iffert—Archaeologists as Generators: The Secondary Context at the Bartron Site (21GD02)
- 8:15 Roland Rodell—Oneota Ceramics: Jar Size and Settlement Patterns in the Northern Mississippi Valley
- 8:30 Richard Edwards—GIS Catchment Analysis of Oneota Settlement Patterns near Lake Koshkonong, Southeast Wisconsin
- 8:45 Kathleen Foley Winkler—Oneota and Langford Mortuary Practices from Eastern Wisconsin and Northeast Illinois
- 9:00 David Pollack and A. Gwynn Henderson—Return to Fox Farm: A Unique Middle Ohio Valley Fort Ancient Village

**[106] GENERAL SESSION ■ OLD WORLD POLITICS AND ARCHAEOLOGY: PAST AND PRESENT**

**Room:** 261 (AC)  
**Time:** 8:00 AM–9:15 AM  
**Chair:** Katina Lillios

**Participants:**

- 8:00 Maureen Mahoney—Political Differentiation in Denmark during the Roman Iron Age
- 8:15 Anna Stroulia and Susan Sutton—Greek Archaeological Laws, Sites, and the Chasm between Past and Present
- 8:30 Katina Lillios—The Role of Museum Guards in the History of Portuguese Archaeology
- 8:45 Tera Pruitt—Knowledge Production and Local Communities: Socio-politics and Alternative Accounts of the Past
- 9:00 Elizabeth Elliott—Does Archaeology Matter? Young Adult Perspectives on Irish Archaeology

**[107] SYMPOSIUM ■ SEDUCED BY THE DARK SIDE, PART 1: EXPLORING CAVES IN MESOAMERICAN ICONOGRAPHY**

**Room:** 105 (AC)  
**Time:** 8:00 AM–9:30 AM  
**Organizers:** James Brady and Jaime Awe  
**Chair:** Ann Scott

**Participants:**

- 8:00 Jaime Awe—Messages from the Dark: The Ideological Significance of Ancient Maya Cave Art in Belize
- 8:15 Jeremy Coltman—Breath of the Mountain: Wind and Caves in Classic Maya

- Iconography and Architecture
- 8:30 Mario Giron and Jeremy Coltman—Epigraphy and Iconography of a Polychrome Vase Found at Midnight Terror Cave
- 8:45 Rebecca Sload—The Iconography of the Underworld at Teotihuacan, Mexico
- 9:00 Shankari Patel—Geography of Belief: The Iconography of Mesoamerican Cave Pilgrimage
- 9:15 Davide Domenici—The Mosaic Tablet from Cueva Cheve (Oaxaca, Mexico) and the War of Heaven

**[108] GENERAL SESSION ■ LITHIC AND LANDSCAPE STUDIES IN NORTHWESTERN NORTH AMERICA**

**Room:** 225 (AC)

**Time:** 8:00 AM–9:30 AM

**Chair:** Barbara Vargo

**Participants:**

- 8:00 Barbara Vargo and Katherine Kelly—A Comparative Analysis of Projectile Point Types from the Duwamish and Marymoor Sites, Puget Sound Region, Washington
- 8:15 Lucille Harris—Reconceptualizing an Expedient Flake Tool Technology from Interior British Columbia
- 8:30 Jesse Morin—Near Infrared Spectroscopy and the Trade and Exchange of Nephrite/Jade Celts in the Pacific Northwest
- 8:45 Michele Punke—Geoarchaeological Investigations of Repeated Site Occupation in the Uplands of the Portland Basin following the Catastrophic Late Pleistocene Missoula Floods
- 9:00 Michael Wanzenried—Landscape and Lithic Technologies in the Mid-Fraser: Procurement, Manufacture, and Use
- 9:15 Sara Davis—Stacked rock features along the Columbia River of Oregon and Washington

**[109] GENERAL SESSION ■ MAYA ARCHAEOLOGY IN YUCATAN**

**Room:** 262 (AC)

**Time:** 8:00 AM–9:45 AM

**Chair:** Scott Hutson

**Participants:**

- 8:00 Fabio Amador, Jeffrey Glover, Dominique Rissolo and Joe Ball—Who Were the Middle Preclassic Settlers of Quintana Roo's North Coast? New Evidence from Vista Alegre
- 8:15 Justine Shaw and Alberto Flores Colin—Yo'okop's Sacbe 2: A Road to the Dead
- 8:30 Scott Hutson and Miguel Covarrubias—Causeways in Context: Settlement Dynamics of the Uci-Cansahcab Sacbe, Yucatan
- 8:45 Joseph Stair—Diversity in Domestic Architecture at Uci: an Analysis of Megalithic Stones
- 9:00 Laura Amrhein—Priests, Warriors, and Captives: The Platform Benches and Ritual Spaces at Chichén Itzá, Yucatán
- 9:15 Tomas Gallareta Cervera—Reconstructing Social Shifts through Monumental Architecture: a Maya Palace-Temple Case from Kiuic, Yucatan, Mexico
- 9:30 Tatiana Young—Independence rather than Domination of Smaller Sites in Quintana Roo, Mexico

**[110] SYMPOSIUM ■ TRIALS BY FIRE: ARCHAEOLOGIES OF BURNED SITES AND FEATURES**

**Room:** 103 (AC)

**Time:** 8:00 AM–10:00 AM

**Organizer and Chair:** Alison Rautman

**Participants:**

- 8:00 Gregory Wilson and Dana Bardolph—Up in Smoke: The Mode of Abandonment of Mississippian Burned Structures in Western Illinois
- 8:15 Takeshi Inomata—Burned structures at the Classic Maya sites of Aguateca and Ceibal, Guatemala
- 8:30 Paul Reed and James Snead—Explaining the Burn at Salmon Pueblo: Warfare or Ritual??
- 8:45 Stephen Dueppen—Burning the Past, Present and Future: The Ancestor House at Iron Age Kirikongo, Burkina Faso
- 9:00 AJ Vonarx—Cycles and Events: Methodological and Interpretive Tools for Placing Fires in Time
- 9:15 E. Charles Adams—Discussant
- 9:30 Abby Levine—In the Line of Fire: Examining Evidence for Site Burning in the Andean Altiplan
- 9:45 Matthew Chamberlin and Alison Rautman—Interpreting Burning in the Salinas Pueblo Province, A.D. 1275-1540

**[111] GENERAL SESSION ■ ARCHAEOLOGY OF THE PLAINS AND ROCKY MOUNTAINS**

**Room:** 241 (AC)

**Time:** 8:00 AM–10:15 AM

**Chair:** Donna Roper

**Participants:**

- 8:00 Howard Cyr—Geoarchaeological Research along the Oldman River, Southern Alberta
- 8:15 Brendon Asher—Historic Pawnee Chipped Stone Technology
- 8:30 Alice Tratebas—Survey and Mapping of Little Missouri Antelope Trap
- 8:45 Donna Roper—Examining Variation in Late Prehistoric Pottery from the Central Plains
- 9:00 Daniel Pugh—Plains Oneota Ceramics - The Swantek Collection
- 9:15 Jenn Mueller—The Long Knife Site (5MF5827): A Shoshone Occupation on the Fringe
- 9:30 Veronica Mraz—Lithics at the Scott County Pueblo, Western Kansas
- 9:45 Cody Newton—“Were those Bricks Possessed of Tongues”: An Examination of the Unusual Trading Post Concentration on the South Platte River, 1837-1838
- 10:00 Gregory Williams—Rock Art and Ritual Behavior in West-Central Colorado - Visual, Landscape, and Acoustic Indicators

**[112] GENERAL SESSION ■ MONUMENTAL ARCHITECTURE IN THE MAYA LOWLANDS**

**Room:** 100 (AC)

**Time:** 8:00 AM–10:15 AM

**Chair:** Brett Houk

**Participants:**

- 8:00 Maria Martinez—Conceptualizing Space: The Use, Function, and Meaning of Maya Architecture, La Milpa, Belize

- 8:15 Debora Trein—Preliminary Research on Monumental Architecture at the Site of La Milpa, Belize
- 8:30 Chloe Sinclair, Scott Guzman and Brandon Lewis—Examination of Elite Lineages at the Ancient Maya Site of La Milpa
- 8:45 Brett Houk and Gregory Zaro—Architectural Change and Stasis at an Ancient Maya Center: Evaluating Construction History at La Milpa, Belize
- 9:00 Meredith Coats—Architectural Development at a Classic Maya Secondary Center, Say Kah, Belize
- 9:15 Christopher Andres, Gabriel D. Wrobel and Shawn Morton—Introducing Tipan Chen Uitz: A Major "New" Civic-Ceremonial Center in the Cayo District, Belize
- 9:30 Jessica Craig—Changing Perceptions of the Built Landscape: Evidence for the Ritualization of Reused Structures and Monuments at the Ancient Maya Site of San Bartolo, Guatemala
- 9:45 William Driver—Building Boundaries: Ancient Maya Architectural Design and the Construction of Social Identity
- 10:00 Elaine Schele—The Twin Mortuary Temples of Palenque: Applying Historical GIS to the Archaeological Records of Temples XVIII & XVIII-A

**[113] SYMPOSIUM ■ NEW APPROACHES IN REGIONAL NETWORK ANALYSIS**

**Room:** 230 (AC)

**Time:** 8:00 AM–10:15 AM

**Organizer:** Carl Knappett

**Chair:** Ray Rivers

**Participants:**

- 8:00 John Terrell—Social Network Analysis (SNA) in the Historical Sciences: Applications using Material Culture and Molecular Genetics
- 8:15 Soren Sindbaek—Broken Links and Black Boxes: Material Affiliations and Communication Networks In the Viking World
- 8:30 Ray Rivers, Carl Knappett and Tim Evans—Resilience and (In)stability in Social Networks: The Eruption of Thera and the Burning of the Palaces
- 8:45 Koji Mizoguchi—Explaining the Emergence of Large-scale Centralized Hierarchy: A Network Theory-based Approach
- 9:00 Fiona Coward—Grounding the Net: Networks, Environments and Material Culture in the Epipalaeolithic and early Neolithic of the Near East (~21-6,000 cal BP)
- 9:15 Anna Collar—Networks, Epigraphy and Religious Change in the Jewish Diaspora
- 9:30 Barbara Mills, Jeffery Clark, Deborah Huntley, W.R. Haas and Meaghan Trowbridge—The Southwest Social Networks Project: Late Prehispanic Social Dynamics in the Southwest U.S.
- 9:45 Colby Phillips, Stephen Colby Phillips and Erik Gjestfeld—Exploring Raw Material Procurement and Network Relationships in the Kuril Islands of Far Eastern Russia
- 10:00 Sander van der Leeuw—Discussant

**[114] SYMPOSIUM ■ ARCHAEOLOGIES OF INTRUSIVENESS**

**Room:** 106 (AC)

**Time:** 8:00 AM–10:30 AM

**Organizers:** David Chicoine and Rob Mann

**Chair:** Rob Mann

**Participants:**

- 8:00 Rob Mann and David Chicoine—Intrusions: Incidental or Indicative Cultural Phenomena?

- 8:15 Jonathan Haas, Winifred Creamer and Alvaro Ruiz—Reuse of Late Archaic (3000-1800 B.C.) Monumental Sites in the Norte Chico Region of Peru
- 8:30 Shelia Pozorski and Thomas Pozorski—Insult to Reverence: The Evolution of Prehistoric Intrusiveness within the Casma Valley of Peru
- 8:45 Martin Authier and Manuel Perales Munguía—Processes of Architectural Intrusiveness at the Castillo de Huaricanga (PV38-333), Fortaleza Valley, Peru, during the Formative Period (~1800 BC – 200 AD)
- 9:00 Hugo Ikehara—Intrusiveness and Constructed Landscapes in the Andean Formative: A Case Study from Nepeña
- 9:15 Melissa Vogel—Who's Intruding Now? Intrusive Burials, Looting, and Archaeological Investigations at El Purgatorio, Peru
- 9:30 Eric Drake and John Franzen—Commodity Fetishism and the Looter's Looter: Casting a Reflexive Gaze Upon the Practice of Archaeology In Capitalism
- 9:45 Giancarlo Marcone—Pachacamac Temples and Archaeologists' Intervention
- 10:00 Reinhard Bernbeck—Materiality as Intrusive Temporal Surplus
- 10:15 Tsim Schneider—Intrusions and Refuge at Shell Mounds in Colonial San Francisco Bay, California

**[115] SYMPOSIUM ■ JAMES BROWN AND THE IMPACT OF CAHOKIA IN THE MISSISSIPPIAN SOUTHEAST**

**Room:** 222 (AC)

**Time:** 8:00 AM–10:45 AM

**Organizers:** Mary Beth Trubitt, Kent Reilly and George Sabo

**Chair:** Kent Reilly

**Participants:**

- 8:00 Lynne Goldstein—Aztalan: Objects, Rituals, and Time
- 8:15 James Duncan and Carol Diaz-Granados—The Ascent of First Man's Eldest Son
- 8:30 Robert Sharp, Kevin E. Smith and David Dye—The Classic Braden Style and Its Legacy in the Nashville Basin
- 8:45 Kevin Smith and Emily L. Beahm—Reconciling the Puzzle of Castalian Springs Grave 34: Scalloped Triskeles, Crested Birds, and the Braden A/Eddyville Gorget
- 9:00 Vincas Steponaitis and Gregory D. Wilson—Early Engraved Wares at Moundville
- 9:15 Claudine Payne—The Disposal of Heirlooms and the End of Memory at the Lake Jackson Site
- 9:30 Adam King and Alexander Corsci—Etowah's External Connections as Revealed by Style and Iconography
- 9:45 George Sabo—A Comparison of Braden and Craig Style Birdman Motifs from the Spiro Ceremonial Center
- 10:00 Alex Barker—Spatial Patterning and the Circulation of Iconographic Forms in the Southeastern Ceremonial Complex
- 10:15 David Freidel and F. Kent Reilly III—Architecture, Cosmology, and World Renewal at the Formative Period Mesoamerican Site of La Venta
- 10:30 Chris Peebles—Discussant



**[116] SYMPOSIUM ■ RETHINKING PRECOLONIAL SOCIALITIES IN THE ANCIENT CARIBBEAN**

**Room:** 102 (AC)

**Time:** 8:00 AM–10:30 AM

**Organizer:** Josh Torres

**Chairs:** Josh Torres and Reniel Rodriguez

**Participants:**

- 8:00 Joshua Torres—Complex Socialities and the Construction of Communities in the Ancient Caribbean
- 8:15 Reniel Rodriguez—On the Ideological Origins of Tainoness
- 8:30 L. Antonio Curet—Archaeological Correlates in the Study of Social Stratification: The Cases of Central Place Theory and Ceremonial Centers
- 8:45 Corinne Hofman and Menno L.P. Hoogland—Rituals for the Dead: Socializing with the Ancestors in the Precolonial Caribbean
- 9:00 Alice Samson—The House that Higuanaamá Inherited: Trajectories of Social Life in El Cabo, eastern Dominican Republic
- 9:15 Angus Mol—Connecting the Dots: Social Network Theory and Methodology Applied to Exchange in the Late Ceramic Age Caribbean
- 9:30 Joost Morsink—Chiefdoms and Maisons: Socio-political Organization in the late pre-Columbian Caribbean
- 9:45 Jamie Pagan Jimenez—The Domestication of the Precolonial Caribbean
- 10:00 Geoff DuChemin—Food and Community: Zooarchaeology in South Central Puerto Rico
- 10:15 Brooke Persons—Prehistoric Polities and Interaction in Eastern Cuba: A GIS-Based Approach

**[117] ELECTRONIC SYMPOSIUM ■ THE CANVAS OF SPACE: METHOD AND THEORY OF SPATIAL INVESTIGATIONS IN THE 21ST CENTURY**

**Room:** 224 (AC)

**Time:** 8:00 AM–10:00 AM

**Organizers and Chairs:** Kimberly Kasper and Margaret Morris

**Participants:**

- Eva Hulse—Jill of All Trades and Master of None?: The Challenges of Doing Soil Chemistry Analysis as an Archaeologist
- Kimberly Kasper and Kevin McBride—The Spatial Significance of Plants
- Quentin Lewis—Unequal Variables: GIS and Spatialities of Inequality
- Brian Jones—An Exploratory Data Analysis Approach to Artifact Density Correlation
- Meredith Hardy—It's a Small World? Settlement and Interaction on St. Croix, Virgin Islands
- Ezra Zubrow, Eva Hulse, Greg Korosec and Dustin Keeler—Supra-regional Issues in Archaeology
- Ray Whitlow—Linking Spatial Theories and Archaeological Data with the help of Formal Ontology
- Margaret Morris—Are We the Tools of our Tools? Understanding Impacts of GIS Approaches on Archaeological Research
- Elizabeth Lynch—Bedrocks Metates along the Chaquaqua Drainage: Building an Conceptual Framework for Prehistoric Landscape Knowledge
- Sarah Sportman—Daily Practice, Social Identity and the Organization of Domestic Space at Hammondville, NY, 1870-1900
- Angele Smith—Archaeological Landscapes: Exploring Scale, Movement and the Politics of Spatiality
- Christine B. Anderson—Scottish Space: A Multidisciplinary Approach

**[118] SYMPOSIUM ■ SEEDS OF CHANGE: EARLY HOLOCENE SUBSISTENCE DIVERSIFICATION AND TECHNOLOGICAL CHANGE ACROSS THE DESERT WEST**

**Room:** 240 (AC)

**Time:** 8:00 AM–11:30 AM

**Organizers:** Phil Geib and Edward Jolie

**Chairs:** Edward Jolie and Phil Geib

**Participants:**

- 8:00 Morgan Seamont and Maxine McBrinn—Research Paradigms in the Desert West: Regions and Regimes
- 8:15 Charlotte Beck, George T. Jones and David B. Madsen—The Crescent and the Millingstone: Early Holocene Technological Changes in the Eastern Great Basin
- 8:30 Ariane Pinson—Diet Breadth, Risk, and the Early Holocene Landscape
- 8:45 Geoffrey Smith—Through Bones and Stones: Assessing Early Holocene Models of Foraging Lifeways in the Great Basin
- 9:00 Lisbeth Louderback—Development of Grinding Stone Technology in the Great Basin
- 9:15 Bonnie Pitblado—Seeds of Change or More of the Same? The Early Holocene of Southeastern Idaho
- 9:30 David Rhode—Early Holocene Subsistence Change in the Bonneville Basin, western North America
- 9:45 David Yoder, Mark Bodily, Sara Hill, Joel Janetski and Bradley Newbold—Subsistence Change and Continuity During the Paleoarchaic/Archaic Transition on the Northern Colorado Plateau
- 10:00 Edward Jolie and Phil Geib—Small Seeds, Basketry, and the Broad Spectrum Revolution on the Colorado Plateau
- 10:15 Phil Geib and Edward Jolie—Direct Evidence of Early Holocene Dietary Expansion on the Colorado Plateau: Interpreting the Constituents of Dated Human Feces
- 10:30 Nicholas Chapin—Late for the Revolution? Archaic Period Subsistence Changes in North-Central New Mexico
- 10:45 David Zeanah, Douglas Bird, Rebecca Bliege Bird and Brian Coddling—Intensive Seed Exploitation, Central Place Foraging, and the Organization of Ground Stone Technology in the Australian Arid Zone
- 11:00 Robert Bettinger—Discussant
- 11:15 Wirt Wills—Discussant

**[119] SYMPOSIUM ■ ARCHAEOLOGY IS ANTHROPOLOGY: CELEBRATING 50 YEARS WITH LEWIS R. BINFORD**

**Room:** 242 (AC)

**Time:** 8:00 AM–11:45 AM

**Organizer:** Pei-Lin Yu

**Chairs:** Matthew Schmader and Pei-Lin Yu

**Participants:**

- 8:00 Matthew Schmader—Discussant
- 8:15 William Longacre—Binford in the Southwest
- 8:30 LuAnn Wandsnider and Simon Holdaway—Lewis Binford and the Time-Space Continuum: Binford's Critique of the Pompeii Premise 25 Years On
- 8:45 Robert Kelly—Me and Lew; or, How One Archaeologist Changed the Discipline in Ways he Might Not Know
- 9:00 Clive Gamble—From Baby Grayling to Grey Beard: Lewis Binford as an

- Archaeological Learning Strategy
- 9:15 James Enloe—Theory, Methodology and Real Work: Applying Binford in the Field
- 9:30 Matthew Schmadер—It's All About Space: Two Case Examples of Site Structure
- 9:45 Kaoru Akoshima—Technological Organizations and Lithic Use-wear: Impacts on East Asian Prehistory
- 10:00 Luis Borrero—The Impact of the Work of Lewis Binford in the Archaeology of Argentina
- 10:15 Amber Johnson—Pursuing the Past: Building Theory with Environmental and Ethnographic Frames of Reference
- 10:30 Rusty Greaves—How Ethnoarchaeology gets Scientific Eyes: Binford's Dynamic Ethnoarchaeological Tools to build Archaeological Views beyond Static Technology and Just-so Individual Events
- 10:45 Karen Kramer—Lewis Binford's Interdisciplinary Reach: Deepening the Dialogue between Ethnography, and Human Behavioral and Biological Variability
- 11:00 Jacob Freeman—Lewis Binford's Impact on the Science of Humankind: A Graduate Student Perspective
- 11:15 Katherine Nelson—Discussant
- 11:30 Jeremy Sabloff—Discussant

**[120] GENERAL SESSION ■ ARCHAEOLOGY OF THE WESTERN UNITED STATES**

**Room:** 104 (AC)

**Time:** 8:00 AM–12:00 PM

**Chair:** A. Dudley Gardner

**Participants:**

- 8:00 Bradley Newbold—Large Game Specialization v. Small Seed Processing: Are They Mutually Exclusive?
- 8:15 Tara Hamilton—Morphology and Chronology of Pinto series projectile points of the Great Salt Lake Desert, Utah
- 8:30 Jaime Dexter—Paleoethnobotanical Studies at the Erin's Cave Site, Southeastern Oregon
- 8:45 Joshua Keene and Michael Waters—Geoarchaeological Site Formation Processes of a Weakly Developed Vertisol at the Buttermilk Creek Site, TX
- 9:00 William Andrefsky, Jennifer Ferris, Justin Williams and Nathan Goodale—Geologic Context and Diagnostic Provenance of Chert
- 9:15 Gustavo Martinez—Hunter-Gatherer Social Interaction Networks in an Arid Landscape (Argentina)
- 9:30 A. Dudley Gardner, William Gardner, Russel Gibb and Laura Pasacreta—Formative Period Fields and Storage Systems in Northwest Colorado between 1700 and 500 BP
- 9:45 Clint Cole—Snake Valley Ceramics at the Fremont Frontier: A Regional Comparison Using Instrumental Neutron Activation Analysis
- 10:00 Robert Nash—Maize Storage and Hunting among Northern Periphery Fremont Groups
- 10:15 Rigden Glaab—Studying Social Resilience through Correspondence Analysis: A Case Study from North Central Utah
- 10:30 Paul Marceaux—The Hasinai Caddo of East Texas: Ceramics and Social Organization
- 10:45 Rachel Horowitz—Bifacial Reduction and Curation Indices: A Comparison
- 11:00 Nicole Ramirez and Frank Bayham—Human Impacts on Prehistoric Fauna in the Great Basin: an Evaluation of the Lagomorph Index

- 11:30 Shari Silverman—Cultural Influences on Transportation and the Archaeological Record in Western North America  
11:45 William Jerrems—Horse Hunting at the End of the Pleistocene: Bridging the Gap Between the New and Old Worlds

**[121] POSTER SESSION ■ ADVANCE IN EXCHANGE STUDIES THROUGH COMPOSITIONAL ANALYSIS**

**Room:** Exhibit Hall 1 (AC)

**Time:** 9:00 AM–11:00 AM

**Organizer and Chair:** Laure Dussubieux

**Participants:**

- 121-a Alison Carter—LA-ICP-MS of Carnelian and Agate: Analysis of Geological Sources from Central, South, and Southeast Asia and Beads from Iron Age sites in Cambodia  
121-b Rahul Oka, Chapurukha Kusimba and Vishwas Gogte—Using Chemical Analyses (LA-ICP-MS) of Ceramics to Investigate Ancient Commercial Behaviors: Trade Booms, Market Capture, and Competition in the Indian Ocean Trade  
121-c Mark Golitko and John Edward Terrell—Applications of LA-ICP-MS to the Study of Holocene Social Networks on the Sepik Coast of Papua New Guinea  
121-d Emily Stovel—Looking Closely at One in the Face of Many: Characterizing San Pedro de Atacama Ceramics  
121-e Jennifer Zovar—LA-ICP-MS Analysis of Ceramics from Late Prehispanic Bolivia  
121-f Sutee Veerawan—Technological Variation of the Production of Glazes on Khmer Ceramics from Ban Kruat, Thailand  
121-g Laure Dussubieux, Richard Cox, Mark Golitko and Patrick R. Williams—ICP-MS with Adaptable Chamber Laser: Quantitative Analysis of Glass, Metal and Ceramic Artifacts in the Museum Environment  
121-h Misty Brum, Ryan Williams, Abigail Levine and Charles Stanish—Basalt Sources in the Andean Altiplano  
121-i Kevin Vaughn, Laure Dussubieux, Ryan Williams and Sarah Cross—Changing Political Economy in Nasca: A Pilot Compositional Analysis of Ceramics from the Kroeber Collection  
121-j Sofia Chacaltana—Using LA-ICP-MS Method to Observe Imperial – Local Dynamics in the Upper Moquegua Valley during Inca Occupation  
121-k Nicola Sharratt, Mark Golitko, P. Ryan Williams and Laure Dussubieux—Clay Procurement in the Middle Horizon; LA-ICP-MS Analysis of Wari and Tiwanaku Ceramics from the Moquegua Valley, Peru  
121-l Mamadou Cissé, Susan McIntosh, Laure Dussubieux and Marilee Woods—Early Glass Trade at Gao Saney (Mali): 700–1000 A.D.

**[122] POSTER SESSION ■ AN INTEGRATIVE VISION: PAPERS IN CELEBRATION OF THE LIFE AND WORK OF PHILLIP L. WALKER (1947–2009)**

**Room:** Exhibit Hall 1 (AC)

**Time:** 9:00 AM–11:00 AM

**Organizers:** Christina Torres-Rouff and Jacqueline Eng

**Chair:** Michele Buzon

**Participants:**

- 122-a Sarah Schrader and Michele Buzon—Investigating Activity Patterns: Osteoarthritis, Vertebral Degeneration and Musculoskeletal Stress Markers in

- Colonized Ancient Nubia
- 122-b Zachariah Hubbell and Michele R. Buzon—Humeral Asymmetry in the Tombos Sample: An Investigation of Work Activities
- 122-c Jacqueline Eng, Vanchigdash Mergen, Phillip Walker, Shugang Yang and Quanchao Zhang—The Arthritic Toll of Warfare, Farming, and Pastoralism among Populations of China and Mongolia in the Zhou Dynasty/Xiongnu Period
- 122-d Christina Torres-Rouff, William J. Pestle and Francisco Gallardo—Movements of People, Foods, and Ideas: Chemical and Bioarchaeological Analyses of Human Remains from the San Salvador Cemetery, North Chile
- 122-e Corina Kellner and Katharine A. Compton-Gore—Diet, Sociopolitical Complexity, and Empire in Ancient Peru: Tenahaha during the Middle Horizon (AD 500-1000)
- 122-f Tiffany Tung and Katharina Schreiber—Morbidity Patterns in Ancient Nasca, Peru: A Bioarchaeological Study of Skeletal Health and Trauma
- 122-g Sabrina Sholts, Dennis Stanford, Phillip Walker, Louise Flores and Sebastian Warmlander—Analyzing Clovis Points using Digital Morphometrics: Evidence for Direct Transmission of Technological Knowledge
- 122-h Jon Erlandson, Todd Braje, Phillip Walker, Tom Rockwell and Tom Stafford—Tuqan Man: Discovery, Context, and Chronology of a 9500 year old PaleoAmerican Skeleton from San Miguel Island, California
- 122-i Susan Kuzminsky, Phillip Walker, Sabrina Sholts, Rebecca Richman and Jon Erlandson—Biological analysis of the Tuqan Man remains: A 9500-year-old Paleoamerican skeleton from CA-SMI-608, San Miguel Island, California
- 122-j Joseph Lorenz, Brian Kemp and John Johnson—The Genetic Structure of California Indians: Using mtDNA to Analyze Relationships Across the Americas
- 122-k Henry Schwarcz and Phillip Walker—Isotopic Paleodiet Studies of the Chumash: Evidence of Sex-Based Diet Differences

**[123] POSTER SESSION ■ ARCHAEOLOGICAL SCIENCE 2010: PART I**

*(Sponsored by Society for Archaeological Sciences)*

**Room:** Exhibit Hall 1 (AC)

**Time:** 9:00 AM–11:00 AM

**Organizers:** Christopher Wolff, Javier Iñáñez and Jeff Speakman

**Chair:** Andrew Boehm

**Participants:**

- 123-a William I. Woods, Laurent Verslype, Bailey K. Young, Paul Hudson and Ines Leroy—Geoarchaeological Investigations of a Medieval Castle and Outer Bailey (Walhain, Belgium)
- 123-b Leslie G. Cecil, Melissa Logan and Linda Scott Cummings—Ancient Maya Food Processing as Evident Through Grater Bowls
- 123-c William Whitehead—Using pXRF to Identify Local versus Non-local Wood Use in the Lake Titicaca Basin
- 123-d Christian Wells—Alkaline Earth Metals as Human Activity Markers in Archaeological Soils
- 123-e Sharon Hull, Mostafa Fayek and Joan Mathien—Fingerprinting Turquoise Deposits in the American Southwest
- 123-f Tim Riley—Coprolite Research in the Lower Pecos Canyonlands: A Record of Individual Dietary Decisions
- 123-g Martin Giesso, Victor Durán, Valeria Cortegoso, Lorena Sanhueza R. and Michael Glascock—Provenance of Obsidian Artifacts from Sources in Central Argentina and Central Chile

- 123-h Corinne Rosania—Paleozoology and North American Black Bear (*Ursus americanus*) Ecology
- 123-i Andrew Boehm, Conor Hall and Erik Otarola-Castillo—Experimental Bison Butchery: Is Marrow Extraction Worth It?
- 123-j Erik Gjesfjeld—Analysis of Ceramics from Kuril Islands, Russian Far East
- 123-k Nathan Stevens and Douglas Harro—Lithic Use-Wear Analysis using Laser Scanning Confocal Microscopy
- 123-l Thomas Urban, Krysta Ryzewski and John Hermance—Cumberlandite: Using Residual Gravity to Delineate an Historically Important Ore Body
- 123-m Michael Hilton—Petrographic Thin Section Analysis of Plaster Floor Construction and Pyrotechnology from the Site of Ashkelon, Israel
- 123-n Kyle Freund and Robert H. Tykot—Lithic Technology and Obsidian Exchange Networks in Bronze Age Nuragic Sardinia (Italy)

**[124] POSTER SESSION ■ THE UWM MILWAUKEE COUNTY INSTITUTION GROUNDS CEMETERY RESEARCH INITIATIVE: PROGRESS AND PROSPECT**

**Room:** Exhibit Hall 1 (AC)

**Time:** 9:00 AM–11:00 AM

**Organizer and Chair:** Patricia Richards

**Participants:**

- 124-a Patricia Richards—The Milwaukee County Institution Grounds Cemetery collection at University of Wisconsin-Milwaukee
- 124-b Brian Nicholls—Searching through the Unknown: Geospatial Analysis of the Milwaukee County Grounds Cemetery
- 124-c Michele Schutte—Analysis of Train and Street Car Trauma in the MCIG Collection
- 124-d Brooke Drew—"Register of Burials at Milwaukee County Poor Farm": Utilizing Historical Documentation in the Analysis of an Excavated Historic Cemetery
- 124-e Catherine Jones—Multiple Internments in the MCIG Human Skeletal Collection
- 124-f Colleen Milligan and Adrienne Daggett—"America's Healthiest City": A look at Comparative Studies of Health and Paleopathology from the Milwaukee County Indigent Grounds Cemetery
- 124-g Emily Mueller—Accessioning Preparation of MCIG Burials, Identification and Treatment of Mold on Human Remains
- 124-h Ashley Dunford—Examples of Juvenile Scurvy from the Milwaukee County Poor Farm
- 124-i Katherine Shillinglaw—Analysis of Juvenile Remains from the Milwaukee County Poor Farm Cemetery

**[125] SYMPOSIUM ■ HISTORICAL ARCHAEOLOGY OF THE MIDDLE AND UPPER MISSISSIPPI VALLEY**

**Room:** 263 (AC)

**Time:** 9:00 AM–11:15 AM

**Organizer and Chair:** Elizabeth Scott

**Participants:**

- 9:00 Elizabeth Scott—Archaeology in Ste. Genevieve: Revealing French Cultural Traditions on the American Frontier
- 9:15 Terrance Martin—Animal Exploitation Patterns at French Colonial Sites in the Illinois Country
- 9:30 Lisa Dretske—German Ethnicity in Missouri

- 9:45 Matthew Cox—Living Beyond Their Means: An Archaeological Investigation of Consumption Patterns at the Janis-Ziegler Site (23SG272)
- 10:00 Kyle Hensley—An Archaeological Investigation and Comparison of the Daily Lives of the Military during the British Occupation of Fort Michilimackinac
- 10:15 Carl Zachmann—A Study of Consumer Choice and Customer Loyalty from the Remedies Present at Two Midwest Historic Sites
- 10:30 Shanta Hoard—The First Black Church In The Midwest: The Wayman African Methodist Episcopal Church
- 10:45 Wade Tharp—A Sequence of French Vernacular Architectural Design and Construction Methods in Colonial North America, 1690-1850
- 11:00 Christopher Fennell—Multivalent Histories and Archaeology of a Diverse Frontier Town

**[126] FORUM ■ QUIET CRISIS IN AMERICAN ARCHAEOLOGY**

**Room:** 232 (AC)

**Time:** 9:00 AM–11:45 AM

**Organizer:** Michael Gregg

**Chairs:** Paul Goldberg and David Killick

**Participants:**

- Paul Goldberg—Discussant
- Ofer Bar-Yosef—Discussant
- Ariane Burke—Discussant
- Michael Chazan—Discussant
- Robert Tykot—Discussant
- Charles Kolb—Discussant
- Hector Neff—Discussant
- Douglas Price—Discussant
- John Yellen—Discussant
- Anna Roosevelt—Discussant

**[127] SYMPOSIUM ■ PLACE AS POLITICAL: ARCHAEOLOGICAL VIEWS ON LANDSCAPE, RITUAL AND SPACE**

**Room:** 226 (AC)

**Time:** 9:00 AM–11:45 AM

**Organizers:** Jennifer Perry and Colleen Delaney-Rivera

**Chairs:** Colleen Delaney-Rivera and Jennifer Perry

**Participants:**

- 9:00 Jason Toohy—Contested Landscapes in the Cajamarca Highlands of Peru: Viewshed and Location at the Late Intermediate Period (AD 1000-AD 1476) Site of Yanaorco
- 9:15 Matt Edwards—Building a Landscape of Power: Middle Horizon Infrastructure of The Upper Nasca Valley
- 9:30 Aimee Plourde and Elizabeth Arkush—Landscape and Social Transformation in the Late Intermediate Period, Titicaca Basin
- 9:45 Alex Morrison—Mapping the Structure of Communities: Landscape Scale Analysis of Community Organization, Rapa Nui, Chile
- 10:00 Mark Allen—Of Earth and Stone: Landscapes of Power in New Zealand and the Western Mojave Desert
- 10:15 Wendy Teeter and Desiree Martinez—What is a Village: Preliminary Spatial Assessments and Patterns on Pimu/Catalina Island, California

- 10:30 Jennifer Perry—The Power of Place: Perspectives from California's Santa Barbara Channel
- 10:45 Colleen Delaney-Rivera—West Meets the Middle Ground: A Comparison of Coastal and Riverine Complex Sociopolitical Landscapes
- 11:00 Maureen Meyers—Frontier Landscapes and Power Formation at the Mississippian border
- 11:15 William Green—Persistent Placemaking in the Upper Mississippi River Valley: Ritual, Settlement, Interaction, and Appropriation
- 11:30 James Snead—Discussant

**[128] SYMPOSIUM ■ RITUAL DEDICATION AND TERMINATION OF ARCHITECTURE AND MATERIAL CULTURE IN THE PREHISPANIC SOUTHWEST**

**Room:** 101 (AC)

**Time:** 9:00 AM–12:00 PM

**Organizers and Chairs:** Myles Miller and Darrell Creel

**Participants:**

- 9:00 Bernard Schriever and Barbara Roth—Pithouse Retirement and Dedication in the Mimbres Mogollon Region
- 9:15 Mark Elson and Henry Wallace—To Burn or Not to Burn: Regional Variability in Pre-Classic Hohokam Pit Structure Abandonment
- 9:30 Carrie Heitman—Learning the Vocabularies of Vernacular Architecture, Chaco Canyon, NM, A.D. 850-1180
- 9:45 Darrell Creel and Roger Anyon—Mimbres Kivas Great and Small: Ritual in Construction and Retirement
- 10:00 Susan Ryan—The Vertical Continuum: Ritual Termination and Renewal of Late Pueblo III Kivas
- 10:15 Mike Adler—You're Fired: Abandonment Signatures in Ancestral Pueblo Village Contexts
- 10:30 Charles Adams—Termination Ritual and Migration at Chevelon Pueblo, Arizona
- 10:45 Vince Lamotta—Patterned Cultural Deposition Associated with Postoccupational Histories of Architectural Spaces at Homol'ovi
- 11:00 Myles Miller—Dust to Dust: Ritual Termination of Jornada Mogollon Pueblos in South-central New Mexico
- 11:15 Christine Van Pool and Todd VanPool—Materiality of Water at Paquimé
- 11:30 Richard Wilshusen—Discussant
- 11:45 William Walker—Discussant

**[129] GENERAL SESSION ■ PLEISTOCENE AND EARLY HOLOCENE IN AFRICA**

**Room:** 261 (AC)

**Time:** 10:00 AM–11:30 AM

**Chair:** Utsav Schurmans

**Participants:**

- 10:00 Utsav Schurmans, Harold Dibble and Mohammed El Hajraoui—Preliminary Study of the Aterian and Mousterian Lithic Collections from Smuggler's Cave, Atlantic Coast Morocco
- 10:15 Benjamin Schoville and Kyle Brown—Frequency and Distribution of Edge Damage on Middle Stone Age Lithic Points, Pinnacle Point 13B, South Africa and from an Experimental Calibrated Crossbow
- 10:30 Loretta Dibble—Understanding Holocene East and North African Bone Harpoon



- Variation: Subsistence, Technology, Function and Style
- 10:45 Jarod Hutson—Hunting or Scavenging at Open-Air Sites during the Middle Stone Age in Southern Africa?
- 11:00 William Barr and Denné N. Reed—Taphonomy and Paleoecology of La Grotte des Contrebandiers (Témara, Atlantic Coast, Morocco): Evidence from the Pleistocene Rodent Fauna
- 11:15 Veronica Waweru—Aquatic-Based Economic Intensification During the Holocene at Lothagam, Turkana Kenya

**[130] FORUM ■ FACING UP TO AVOIDANCE: A HARD LOOK AT FLAG-AND-AVOID ARCHAEOLOGY**

*(Sponsored by National Trust for Historic Preservation)*

**Room:** 267 (AC)

**Time:** 10:00 AM–12:00 PM

**Organizers:** Rebecca Schwendler and William Lipe

**Chair:** Rebecca Schwendler

**Participants:**

- Lynne Sebastian—Discussant  
Jeff Altschul—Discussant  
Joel Klein—Discussant  
Sarah Schlanger—Discussant  
Tom McCulloch—Discussant  
Will Reed—Discussant  
Mark Varien—Discussant  
Susan Chandler—Discussant

**[131] SYMPOSIUM ■ PUEBLO BONITO MOUNDS RESEARCH: FORMATION PROCESSES AND ARTIFACTS**

**Room:** 131 (AC)

**Time:** 10:00 AM–11:45 AM

**Organizer:** Wirt Wills

**Chair:** Patricia Crown

**Participants:**

- 10:00 Wirt Wills—Formation Processes and the Pueblo Bonito Mounds
- 10:15 Wetherbee Dorshow—GIS-based Landscape Reconstruction of the Chaco Core During the Bonito Phase
- 10:30 Patricia Crown—Acquisition, Use and Discard of Red and Brown Wares at Pueblo Bonito, Chaco Canyon
- 10:45 Adam Okun—The Organization of Lithic Technology at Pueblo Bonito, Chaco Canyon, New Mexico
- 11:00 Hannah Mattson—Utilitarian Ceramics from the Pueblo Bonito Mounds
- 11:15 Sandra Arazi-Coombs—Analysis of Decorated Ceramics from the Pueblo Bonito Mounds
- 11:30 Catherine Cameron—Discussant

**[132] FORUM ■ QUANTIFICATION AND PRESENTATION: EFFECTIVE MEANS OF PRESENTING PLANT EVIDENCE IN ARCHAEOLOGY**

**Room:** 225 (AC)

**Time:** 10:00 AM–12:00 PM

**Organizers:** Christine Hastorf, Matthew Sayre and Julie-Anne Bouchard-Perron

**Chair:** Shanti Morell-Hart

**Participants:**

Chantel White—Discussant  
Leo Hosoya—Discussant  
Stafanie Jacomet—Discussant  
Judith Field—Discussant  
Deborah Pearsall—Discussant  
Gyoung-Ah Lee—Discussant  
Naomi Miller—Discussant  
David Goldstein—Discussant

**[133] FORUM ■ SOUTHERN VERACRUZ CHRONOLOGY: ASSESSING THE IMPLICATIONS OF NEW EVIDENCE**

**Room:** 231 (AC)

**Time:** 10:00 AM–12:00 PM

**Organizer:** Marcie Venter

**Chair:** Michael Loughlin

**Participants:**

Philip Arnold—Discussant  
Michael Loughlin—Discussant  
Christopher Pool—Discussant  
Wesley Stoner—Discussant  
Marcie Venter—Discussant  
Carl Wendt—Discussant  
Nathan Wilson—Discussant

**[134] GENERAL SESSION ■ CERAMIC AND LANDSCAPE STUDIES IN THE MAYA AREA**

**Room:** 100 (AC)

**Time:** 10:45 AM–12:00 PM

**Chair:** Krista Garcia

**Participants:**

10:45 Mikael Fauvelle—Feasting and Social Complexity at La Blanca, Guatemala  
11:00 Benjamin Skousen—The Meaning of “Monkey Pots” and their Implications for the Late to Terminal Classic Transition in the Mirador Basin  
11:15 Krista Garcia—Evaluating Access to Common Ceramics at Xunantunich, Actuncan, and San Lorenzo, Belize  
11:30 Jerald Ek—Changing Patterns of Ceramic Sphere Affiliation in the Río Champotón Drainage, Campeche, Mexico  
11:45 Tracie Mayfield—Ceramics, Landscape, and Colonialism: Archaeological Analysis of the British Sugar Estate at Lamanai, Belize 1837-1875

### Friday Afternoon ■ April 16, 2010

**[135] POSTER SESSION ■ LEGACIES OF RESILIENCE: THE LAKE PATZCUARO BASIN  
ARCHAEOLOGICAL PROJECT**

**Room:** Exhibit Hall 1 (AC)

**Time:** 12:30 PM–2:30 PM

**Organizers:** Christopher Fisher, Jason Bush and Florencia Pezzutti

**Chairs:** Jason Bush and Christopher Stawski

**Participants:**

- 135-a Corrie Ahrens, Christopher Fisher and LORE-LPB Team —Thresholds and Tipping Points: The Origin of the Late Postclassic Purépecha (Tarascan) Empire
- 135-b Florencia Pezzutti and Christopher Fisher—The Steps of Kings: Terraced Landscapes in the Lake Pátzcuaro Basin, Michoacán, México
- 135-c Christopher Stawski and Corrie Ahrens—Demographic Transitions and the Development of the Purépecha (Tarascan) Empire
- 135-d Jason Bush and Kristen Deily—Postclassic Architectural Types in the Lake Pátzcuaro Basin, Michoacán, Mexico
- 135-e Anna Cohen and Francois Dengah—The Space of Social Differentiation: Intra-site Organization at Sacapu Angamucu, Michoacán, Mexico
- 135-f Raquel Batista, Christopher Fisher, Bryan Baker, and LORE-LPB Team — Measuring Space: The Application of Geo-Spatial Technologies to Full-Coverage Survey
- 135-g Helen Pollard—Documenting the Emergence of a New State: Regional Analysis in the Patzcuaro Basin

**[136] POSTER SESSION ■ ARCHAEOLOGY OF MEXICO AND CENTRAL AMERICA**

**Room:** Exhibit Hall 1 (AC)

**Time:** 12:30 PM–2:30 PM

**Participants:**

- 136-a Anthony Ranere and Patricia Hansell—Landscape Management in Prehistoric Central Pacific Panama: the First 12,000 years
- 136-b Douglas Drake and John G. Jones—Spatial Analysis of Phytoliths from an Archaic Shell Midden in Coastal Chiapas
- 136-c Margaret Neff—3-D Modeling of Cerro Jazmín, Oaxaca
- 136-d Amparo Robles Salmerón, Gabriela Uruñuela and Patricia Plunket—Constructing Cholula's Great Pyramid: Production Costs of its First Monumental Stage and their Implications
- 136-e Robin Cleland—Of Godly Deer and Hunters' Fear: The Fauna from La Quemada
- 136-f Jose Alvarez—Art on Rejoneado Walls: Reexamining Symbolism, Expression, and Ideology

**[137] POSTER SESSION ■ FROM THE MIDDLE TO LATE HORIZON IN THE PERUVIAN ANDES****Room:** Exhibit Hall 1 (AC)**Time:** 12:30 PM–2:30 PM**Participants:**

- 137-a Allisen Dahlstedt—Beer, Meat and Potatoes: Dental Evidence for the Movement of Chicha, Llamas and Tubers between the Moquegua Valley of Peru and Highland Tiwanaku
- 137-b Emily Sharp and Tiffany Tung—An Accident Waiting to Happen?: Violent and Accidental Injuries among Wari and post-Wari Populations in the Central Andes
- 137-c Alysha Tribbett and Tiffany Tung—Corn and Coca in the post-Wari Era: Dental Health, Diet, and Subsistence Practices after State Collapse in the Highland Andes
- 137-d Robyn Cutright—Domestic Ritual in a Provincial Chimu Community, Jequetepeque Valley, Peru
- 137-e Di Hu—A Study of Chincha Commerce through their Scale Weights
- 137-f Stacy Dunn and Kit Nelson—Reevaluating Ceramic Chronologies for the Huaura Valley, North-Central Coast of Peru
- 137-g Melissa Chatfield—Connecting Wari and Inca through Pottery Style and Technology
- 137-h James Davenport and Kit Nelson—Cuchimilcos and their Role in Interment Ritual for the Chancay
- 137-i Anna Harkey—The Andean Home in a Shifting World: Ceramic and Architectural Perspectives from the Upper Mantaro Valley, Peru
- 137-j A. Emily Baca Marroquin—Political Transformations in the Central-South Coast of Peru, Asia Valley

**[138] POSTER SESSION ■ GENERAL SOUTH AMERICA****Room:** Exhibit Hall 1 (AC)**Time:** 12:30 PM–2:30 PM**Participants:**

- 138-a Gregory Maggard—Redefining Paiján: Changes in Late Pleistocene-Early Holocene Lithic Technology in Northern Perú
- 138-b Allen Rutherford, Jonathan Haas, Winifred Creamer and Manuel Perales Munguia—Patterns of Movement and Site Orientation in the Late Archaic Norte Chico region, Peru
- 138-c Bruce Benz, Michael Blake and Lori Baker—Early Maize in Latin America: AMS Dating, Morphology and Ancient DNA
- 138-d David Chicoine and Hugo Ikehara—Formative Period Monumentalism and Visual Arts at Caylán, Coastal Ancash, Peru
- 138-e Flannery Surette, Paul Szpak, Fred J. Longstaffe, Christine D. White and Jean-François Millaire—Stable Isotope, Contextual and Functional Analysis of Early Intermediate Period Textiles from the Virú Valley (Northern Peru)
- 138-f Emma Schmitt—Social Metaphors: An Analysis of Social Structure Through a Study of Paracas Textile Motifs
- 138-g Colleen Strawhacker and Frances Hayashida—Prehispanic Irrigated Soils on the North Coast of Peru: Preliminary Results from Soil Sampling on Agricultural Fields
- 138-h Jack Johnson—OSL Dating of El Niño Flood Sediments in the Chao Valley, Peru
- 138-i Gustavo Barrientos, Fernando Oliva, Rodolfo Barrientos, Luciana Catella and Cecilia Panizza—Late Holocene Hunter-Gatherer Population Dispersal in Central Argentina: Evidence from the Southern Pampean Region

- 138-j Alicia Boswell, Camila Capriata Estrada, Brian Billman and Jesus Briceño Rosario—Settlement Patterns in the Sinsicap Valley, Peru
- 138-k Ronald Yim and Steven A. Wernke—From Pottery to Practice: A Contextual Ceramic Assemblage Analysis from an Inka Outpost and Early Colonial Mission in Highland Peru

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

**Room:** Exhibit Hall 1 (AC)

**Time:** 12:30 PM–2:30 PM

**Participants:**

- 139-a D Dickson and Jason W. Barrett—Cosmography at Nojol Nah, Belize
- 139-b Heather McKillop, George Harlowe, Michael Wiemann, C. Wayne Smith and April Sievert—Demystifying Jadeite: Underwater Discovery at Ek Way Nal, Belize
- 139-c Michael Storozum, Nicholas Dunning and William Saturno—Geoarchaeological Investigations at Aguada Hormiguero, El Peten, Guatemala
- 139-d James Meierhoff and Mark Golitko—Sourcing of obsidian from the ancient Maya farming village of Chan, Belize using portable-XRF
- 139-e Ciprian Ardelean—El Chechén Archaeological Project: General Considerations about Settlement Patterns and Cultural Dynamics in several Terminal Classic Mayan sites around the El Chechen Wetlands, Middle Candelaria River, Campeche, Mexico
- 139-f Scott Simmons—Dispositions of the Dead: Spanish Contact Period Burial Patterns in the Southern Maya Lowlands

**[140] SYMPOSIUM ■ THE MOOREHEAD MOMENT: THE HISTORICAL CONTEXT OF CAHOKIA'S 13TH CENTURY REORGANIZATION**

**Room:** 100 (AC)

**Time:** 1:00 PM–4:30 PM

**Organizers:** John Kelly, James Brown and Mary Beth Trubitt

**Chair:** John Kelly

**Participants:**

- 1:00 John Kelly, James Brown and Mary Beth Trubitt—The Moorehead Moment: A Brief Overview of a Major Disjuncture in the History of Cahokia
- 1:15 Mary Vermilion—The Loyd Site: A Moorehead Nodal Site
- 1:30 Kathleen Stahlman, George Milner and John Kelly—Settlement Distribution in the Greater American Bottom, Including the Northeast Ozarks, During the “Moorehead Moment”
- 1:45 Julieann Van Nest—Cahokia's Landscapes: A Geoarchaeological View From the Mound 34 Area
- 2:00 Timothy Schilling—The Moorehead Moment: Monumental Architecture to Monumentality
- 2:15 William Iseminger and Mary Vermilion—Pursuing Cahokia's Central Palisade
- 2:30 Lori Belknap, John E. Kelly and James A. Brown—Moorehead Phase Ritual Landscape at Mound 34, Cahokia
- 2:45 Matthew Chastain, David Dunand, James Brown and Alix Deymier—Materials Science Analysis of Copper Artifacts from Cahokia's Mound 34
- 3:00 Lucretia Kelly—A Bird's Eye View of Moorehead Phase Ritual at Mound 34, Cahokia

- 3:15 Katie Parker—The Cultural Context of Plant Materials from a Mound 34 Moorehead Phase Structure
- 3:30 Katri Bailey and John Kelly—The Moorehead Moment and the Medium is the Message: the Historical and Distributional Significance of Wells Incised Plates
- 3:45 Mary Beth Trubitt—Cahokia and Mississippian Warfare in the 13th Century
- 4:00 Jodie O'Gorman—After the Moment Passed
- 4:15 Robert Hall—Discussant

**[141] FORUM ■ TIPS, TACTICS, AND TECHNIQUES: FACILITATING INTERACTIONS BETWEEN ARCHAEOLOGISTS AND THE MEDIA**

*(Sponsored by Media Relations Committee)*

**Room:** 231 (AC)

**Time:** 1:00 PM–2:30 PM

**Organizers:** Renata Wolyneec and Jon Czaplicki

**Chair:** Renata Wolyneec

**Participants:**

- Elizabeth Culotta—Discussant
- Andrew Lawler—Discussant
- Andrea Messer—Discussant
- Clifton Wiens—Discussant
- Anna Kerttula—Discussant
- Stephanie Whittlesey—Discussant

**[142] SYMPOSIUM ■ NEW FRONTIERS IN CENTRAL AMAZONIAN ARCHAEOLOGY**

**Room:** 262 (AC)

**Time:** 1:00 PM–2:45 PM

**Organizers:** Anna Browne Ribeiro and Bruno Moraes

**Chairs:** Anna Browne Ribeiro and Helena Lima

**Participants:**

- 1:00 Anna Browne Ribeiro—Spaces, Places, and Deeds: A Geoarchaeological Study of Sítio Antônio Galo, a Terra Preta site in the Central Amazon
- 1:15 Claide Moraes—Ring Villages in the Central Amazon: A Contrast Between the Paredão and Guarita Phases
- 1:30 Bruno Moraes—Rethinking the Space: GIS applied to the Central Amazonian Archaeology
- 1:45 Francini Medeiros da Silva, Lígia Trombetta Lima and Myrtle P. Shock—Amazonian Potential in Archaeobotanical Remains
- 2:00 Caroline Fernandes Caromano, Leandro Matthews Cascon and Rita Scheel-Ybert—Be they Big or Small: Integrating Botanical Macro and Microvestige Analyses in Central Amazon
- 2:15 Anne Rapp Py-Daniel—What do the burials belonging to the Paredão phase tell us about the Hatahara site?
- 2:30 Eduardo Neves—Discussant

**[143] SYMPOSIUM ■ CROSSING THEORETICAL FRAMEWORKS AND FIELDS WITHIN FEMINISM: AMERICAN/HISPANIC CONTEXTS OF THOUGHT**

**Room:** 267 (AC)

**Time:** 1:00 PM–2:45 PM

**Organizers:** María Cruz Berrocal and Juan Vicent García

**Chair:** María Cruz Berrocal

**Participants:**

- 1:00 María Cruz Berrocal—Some Comments on Spanish Feminism and Archaeology
- 1:15 Margaret Grove—Archaeomythological, Archaeological, and Theoretical Considerations: A Historicity of Feminism Found in Northern Australian X-Ray Rock Art
- 1:30 Almudena Hernando Gonzalo—'Dependent' versus 'Independent' Individuality: An Analysis of Men and Women's Modes of Constructing Individuality in the Western World
- 1:45 Sandra Montón—Feminism and Archaeology in Spain: the Maintenance Activities Perspective
- 2:00 Margarita Sánchez Romero—Women in Action: The Hidden Side of the Archaeological Record
- 2:15 Nancy Escalante—Concepto histórico del cuerpo femenino dentro de los cacicazgos de la tradición cultural Valencia (1200-1500 ap)
- 2:30 Trinidad Escoriza and Pedro Castro Martínez—Investigaciones sobre el trabajo y la explotación social en la Prehistoria del Area Mediterránea Ibérica. Feminismo, materialismo e historia

**[144] GENERAL SESSION ■ FROM ANCIENT ROASTING PITS TO MODERN K-RATIONS: NEW STUDIES IN SOUTHWEST ARCHAEOLOGY**

**Room:** 103 (AC)

**Time:** 1:00 PM–3:00 PM

**Chair:** Angela Keller

**Participants:**

- 1:00 Theodore Tsouras—Large Sinagua Kivas at the Eastern Edge of the San Francisco Volcanic Field: New Data from Residential and Isolated Contexts
- 1:15 Philippe LeTourneau, Jeffrey Ferguson and Virginia McLemore—Alameda Spring, a Newly Characterized Obsidian Source in West-Central New Mexico
- 1:30 Dana Pertermann—The Why and How of Battlefields: Conflict Event Theory, Site Formation Processes, and Geophysical Investigations of the San Jacinto Battleground and Washington-on-the-Brazos, Texas
- 1:45 Lauren Jelinek—Revisiting San Cayetano de Calabazas
- 2:00 Angela Keller and Christopher Doolittle—Going to War in America: Examining the Landscape of War at the WWII-era Desert Training Center/California-Arizona Maneuvers Area (DTC/C-AMA)
- 2:15 Judith Thomas—Archaeological Investigations of WWII Internment Camps at Fort Hood, Texas
- 2:30 Kelly Stehman and Michael Novotny—Do Surface Artifacts Lie?: A Comparison of Surface, Fill, and Floor Artifact Assemblages
- 2:45 Suzanne Eskenazi and Heidi Roberts—Cactus Processing in the St. George Basin, Washington County, Utah

**[145] SYMPOSIUM ■ INTERREGIONAL INTERACTION AND SOCIAL CHANGE IN PERU FROM 550-1000 AD****Room:** 225 (AC)**Time:** 1:00 PM–3:45 PM**Organizer:** Justin Jennings**Chair:** Luis Jaime Castillo**Participants:**

- 1:00 Katharina Schreiber—A brief History of Wari Studies  
 1:15 Luis Jaime Castillo—The Wari, The Moche and the Cajamarca  
 1:30 Shinya Watanabe—Social Dynamics and Cultural Continuity in the Peruvian northern Highlands: A Case Study from Middle Horizon Cajamarca  
 1:45 George Lau—Middle Horizon Interaction in Peru's North Central Highlands: Regional and Diachronic Variability  
 2:00 Edward Swenson—Moche Religious Conservatism, Wari Expansionism, and Sociopolitical Change in Middle Horizon Jequetepeque  
 2:15 William Isbell and Hartmut Tschaunert—Conchopata: Domestic and Political Economy in the Huari Heartland  
 2:30 Mary Glowacki—Imperialism in the Middle Horizon: A Reprisal of the Classic Paradigm, Cuzco, Peru  
 2:45 Justin Jennings—Reevaluating the Middle Horizon in Arequipa  
 3:00 Patrick Williams, Veronique Belisle, Augusto Cardona, Robin Coleman and Kirk Costion—Obsidian as a Commodity of Interregional Exchange in Wari sites of Southern Peru  
 3:15 Carl Knappett—Discussant  
 3:30 Timothy Earle—Discussant

**[146] SYMPOSIUM ■ NEW PERSPECTIVES ON KIMMSWICK, MODOC, AND THE PLEISTOCENE-HOLOCENE TRANSITION****Room:** 223 (AC)**Time:** 1:00 PM–3:45 PM**Organizers and Chairs:** Brad Koldehoff and Steven Ahler**Participants:**

- 1:00 Brad Koldehoff and Steven Ahler—Kimmswick and Modoc in Context  
 1:15 Mike Kolb and Edwin Hajic—Pre-Clovis, Paleoindian and Early Archaic Landscapes in the Central Mississippi River Valley Region  
 1:30 Marvin Kay—Kimmswick, Missouri: Summary Evaluation of the Clovis-Mastodon Kill  
 1:45 Robert Taylor and Juliet Morrow—The Early Paleoindian Occupation of the Martens and Ready Lincoln Hills Sites  
 2:00 Brooke Morgan, Daniel S. Amick and Brad Koldehoff—Clovis Land Use Patterns in the Midwest: Evidence from the Mueller-Keck Site Complex  
 2:15 Madeleine Evans and Dale McElrath—Early Occupations in the Midwestern Confluence Region  
 2:30 Steven Ahler—Settlement Pattern Correlations in Dalton and Early Archaic Period Site Use in Southwestern Illinois  
 2:45 Jack Ray, Neal Lopinot and Rolfe Mandel—Late Paleoindian Occupations at the Big Eddy and Alley Mill sites in Southern Missouri  
 3:00 Richard Yerkes and Brad Koldehoff—New Perspectives on Dalton Adzes and Toolkits in the Middle Mississippi Valley  
 3:15 Eve Hargrave—Life and Death in the Early Archaic: Information from the Middle



Mississippi Valley  
3:30 Greg Maggard—Discussant

**[147] SYMPOSIUM ■ FURTHER CONTRIBUTIONS TOWARDS AN INTERNATIONAL INVENTORY OF PREHISTORIC MINES AND QUARRIES**

*(Sponsored by Prehistoric Mines and Quarries Group)*

**Room:** 230 (AC)

**Time:** 1:00 PM–3:45 PM

**Organizers:** David Field and Peter Topping

**Chair:** David Field

**Participants:**

- 1:00 Dani Nadel, Sagi Filin, Danny Rosenberg and Reuma Arav—Detailed Three-dimensional Characterization of a Flint Quarrying Complex in Mt. Carmel, Israel
- 1:15 Christopher Noll—The Development of Lithic Extraction Areas in the Okanogan Highlands During the Late Holocene: Evidence From Curlew Lake, Washington
- 1:30 Neil Hauser, Wayne Wilson and Robert Wunderlich—Web-Based Lithic Source Database
- 1:45 Phillip Johnson—Where the Hard Stone is Found: Investigations of Pre-contact Basalt Tool Industries at Tutuila, Amerika Samoa
- 2:00 Paul Katz—Formal Extraction Sites on the Southern High Plains of North America
- 2:15 John Rissotto—Establishing an Inventory of Middle and Upper Paleolithic Chert Quarries across North-Central Spain
- 2:30 Adrian L. Burke and Pierre M. Desrosiers—The Naparutalik Siltstone Quarry, Nunavik, Canada
- 2:45 Jenneth Curtis, Pierre Desrosiers, Adrian Burke and Jamie Brake—Documenting the Ramah Chert Quarries in Torngat Mountains National Park of Canada
- 3:00 Ivan Gatsov and Petranka Nedelcheva—Flint Hoards from the Prehistoric Settlement at Pietrele Romania and the Problem of Raw Material Procurement
- 3:15 Olaf Jaime-Riveron, Dolores Tenorio, Thomas Calligaro, Oscar Neill Cruz and Ranferi Juárez—Jade quarries of Mesoamerica used by the Olmecs
- 3:30 Peter Topping—Discussant

**[148] SYMPOSIUM ■ SEDUCED BY THE DARK SIDE, PART 2: NEW INVESTIGATIONS IN MESOAMERICAN CAVE ARCHAEOLOGY**

**Room:** 105 (AC)

**Time:** 1:00 PM–4:00 PM

**Organizers:** Ann Scott and C. L. Kieffer

**Chair:** C. L. Kieffer

**Participants:**

- 1:00 James Brady and Christophe Helmke—Evidence for Cave Desecration in Ancient Maya Warfare: Extending the Hypothesis
- 1:15 Melanie Saldana—Speleothem Complexes as Sacred Space: An Analysis of Operation III, Lot Two in Actun Yaxteel Ahau
- 1:30 Jennifer Coats—The Stone House in the Cave: Analysis of a Speleothem Structure in Actun Yaxteel Ahau
- 1:45 C. L. Kieffer—The Bones From Above: Osteological Analysis of Actun Yaxteel Ahau's Upper Level
- 2:00 Ann Scott—Caves, Rituals, and Speleothems: The Utilization of Space at Actun Yaxteel Ahau, Belize
- 2:15 Holley Moyes and Keith Prufer—The Kayuko Mound Group: A Mountain Shrine

- Complex
- 2:30 Don Slater—Seeking Xibalba: Preliminary Investigations of the Central Yucatan Archaeological Cave Project (CYAC)
- 2:45 Eden Chavez and Juan Landeros—Cave Utilization among Highland Zapotec of Oaxaca
- 3:00 Juan Landeros and Eden Chavez—Concepts Related to Human Sacrifice in Contemporary Zapotec Ethnography
- 3:15 Guillermo de Anda—Watery Spaces of Life and Death: Ritual Practices in Cenotes of the Center of Yucatan
- 3:30 Dominique Rissolo —Of Postclassic Temples and Cave Shrines: Connections and Continuities in Northern Quintana Roo
- 3:45 Keith Prufer and Adam Nazaroff—Applications of PXRF Spectrometry in Cave Research

**[149] SYMPOSIUM ■ TRAJECTORIES OF CONTACT IN THE CARPATHIAN BASIN: SPECIALIZATION AND THE CHANGING SOCIO-ECONOMIC DIMENSIONS OF BRONZE AGE TRADE**

**Room:** 102 (AC)

**Time:** 1:00 PM–3:30 PM

**Organizer and Chair:** Carla Klehm

**Participants:**

- 1:00 Timothy Parsons—Contact and Change: Economic and Social Trajectories on the Great Hungarian Plain ca. 4000-3000 BC
- 1:15 Vajk Szeverenyi—Interregional Interaction and Social Change in the Carpathian Basin in the Third Millennium BC
- 1:30 Tamas Polanyi—Ashes to Ashes, Dust to Dust: Cemeteries, Communities and Socioeconomic Organization in Bronze Age Hungary
- 1:45 Christopher Papalas—Bronze Age Metallurgy in the Eastern Carpathian Basin
- 2:00 Katherine Kanne—Moving Mounts: Specialization and Trade in Horses in the Bronze Age Carpathian Basin
- 2:15 Paul Duffy—Trends and locations for Bronze Age crafting in the Lower Körös Basin
- 2:30 Amy Nicodemus—Animal Production Strategies and Exchange Networks in the Maros Region
- 2:45 Carla Klehm and Borbola Nyiri—Countering Centralization and Specialization in the Benta Valley: Ceramic Production, Use, and the (In)Visibility of Hierarchy
- 3:00 Timothy Earle—Political Economy and Specialization in the Benta Valley: Broader Comparatives in the Bronze Age World
- 3:15 Catherine Costin—Discussant

**[150] SYMPOSIUM ■ ARCHAEOLOGY OF THE ROCKIES EXPRESS PIPELINE PROJECT  
MISSOURI AND ILLINOIS**

**Room:** 224 (AC)

**Time:** 1:00 PM–4:15 PM

**Organizer:** Seth Mitchell

**Chair:** Grant Day

**Participants:**

- 1:00 Seth Mitchell—One Project, Over 60 Eligible Sites: No Problems?
- 1:15 Nathan Scholl, Duane Simpson and Joe Artz—The Geoarchaeology of the REX Pipeline in Missouri: Spatial and Temporal Patterns of Holocene Occupations in Alluvial and Colluvial Landscapes of the Salt River Valley Region
- 1:30 Vince Warner—REX East Excavations, Prehistoric Pottery Analysis from Site 23PI1344, Pike County, Missouri
- 1:45 Richard Stallings—Middle to Late Woodland Lithic Utilization Patterns in the Lower Salt River Valley, Missouri
- 2:00 Don Weir, Charles Moffat, Michael Hambacher, Kathryn Egan-Bruhy and Katherine Guidi—A Walk Through Time Across Illinois: An Overview of Phase I and Phase II Investigations Along the REX-East Pipeline
- 2:15 Stevan Pullins—Ceramics, Chronology, and Cultural Affiliation at a Late Woodland Site in the Southern Sny Bottom, Illinois
- 2:30 Charles Moffat and Katherine Guidi—Investigations at the Montezuma Mound Group (11PK1245)
- 2:45 Luke Erickson, Michael Conner and Courtney Stoll—Temporal Affiliation or Geographical Situation: Ceramics of the Bay Creek Drainage, Lower Illinois River Valley, Pike County, Illinois
- 3:00 Paul Bundy and Richard Herndon—Overview of the Late Woodland Occupations at 11PK1718
- 3:15 Patrick Trader—Living on the Edge: Examining a Late Woodland Frontier Settlement in West-Central Illinois
- 3:30 Laurid Broughton and J. Sanderson Stevens—A Ceramic Unconformity in the Lower Illinois River Valley: The View from Site 11ST544
- 3:45 Andrew Bradbury, Steven Creasman and Brian DeCastello—Site Structure Analysis of a late Middle Archaic Upland site in Morgan County, Illinois
- 4:00 Michael J. Hambacher, Charles R. Moffat, Kathryn C. Egan-Bruhy and Michael F. Kolb—Data Recovery Excavations at 11ST540: Changing Use of Floodplain Environments Reflected at a Multi-Component Archaic Site in the Lower Illinois River Valley

**[151] SYMPOSIUM ■ ISSUES AND METHODS IN ARCHAEOBOTANY**

**Room:** 106 (AC)

**Time:** 1:00 PM–4:00 PM

**Organizers:** Jade D Alpoim Guedes and Christina Warinner

**Chairs:** Christina Warinner and Jade D'Alpoim Guedes

**Participants:**

- 1:00 Shanti Morell-Hart—Practical Re-imagining of Ancient Plant Use
- 1:15 John Marston—Identifying Agricultural Risk Management Using Paleoethnobotanical Remains
- 1:30 Ksenija Borojevic—Investigating Modes of Arrival of Charred Seeds at tel Kedesh, Upper Galilee

- 1:45 Kristie Martin—The Missing Sister: Assessing Variability in Fort Ancient Subsistence Systems
- 2:00 Dana Bardolph—Finding Food in Features: A Spatial Analysis of the Lamb Site
- 2:15 Christine Sievers—Experiments with Fire and Carbonization of Buried Seeds
- 2:30 Leo Aoi Hosoya—Processed Food in Neolithic: Experiments and Ethnography on Wild Food Plant Processing for reconstruction of Prehistoric Subsistence Strategies in East Asia
- 2:45 Jade D'Alpoim Guedes and Ming Jiang—Going back to Baodun: Challenges for Archaeobotanical sampling in the Chengdu Plain
- 3:00 Amanda Henry, Timothy Rose, Alison Brooks and Dolores Piperno—Assessing Dental Calculus as a Source of Archeological Plant Microfossils Using ESEM/EDS
- 3:15 Rebecca Mountain and Ksenija Borojevic—Preliminary Analysis of Fiber Source from Ancient Cordage
- 3:30 Gary Crawford—Discussant
- 3:45 Patti Wright—Discussant

**[152] SYMPOSIUM ■ THE LARGO-GALLINA: PREHISTORIC INHABITANTS OF THE AMERICAN SOUTHWEST**

**Room:** 101 (AC)

**Time:** 1:00 PM–4:15 PM

**Organizer and Chair:** Paula Massouh

**Participants:**

- 1:00 Andrew Gomolak—Lift Up Thine Eyes Unto the High Lands
- 1:15 J Bremer—The Big Picture: Thirteenth Century Gallina Archaeology in Northern New Mexico Along the Continental Divide
- 1:30 Denver Burns—The Work of Herbert Dick in the Gallina Area
- 1:45 Erik Simpson—A Settlement Pattern Analysis of Adaptation and Continuity in the Upper San Juan and Gallina Highlands
- 2:00 Lewis Borck—To the Heart of the Matter: Evidence of Trade in the Gallina Heartland
- 2:15 Connie Constan—Pointed Bottom Pots and other Gallina Ceramic Quandaries
- 2:30 Adam Byrd—Intervisibility Among Towers in the Gallina Area of Northern New Mexico
- 2:45 Joe Lally—Largo-Gallina Structural Fires
- 3:00 Paula Massouh—The Largo-Gallina Household: A View from the L/102 Site
- 3:15 Michael Elliott—Over the Hills and Far Away: A Perspective on the Gallina to Jemez Migration Model
- 3:30 Elizabeth Oster—Discussant
- 3:45 Ron Towner—Discussant
- 4:00 David Wilcox—Discussant

- [153] SYMPOSIUM ■ TROPICAL FOREST LOW-DENSITY URBANISM IN THE SOUTHERN MAYA LOWLANDS AND SOUTHERN ASIA: PAST AND PRESENT SUSTAINABILITY**  
(Sponsored by Archeology Division of the American Anthropological Association)  
**Room:** 104 (AC)  
**Time:** 1:00 PM–4:15 PM  
**Organizers:** Lisa Lucero and Roland Fletcher  
**Chair:** Lisa J. Lucero

**Participants:**

- 1:00 Lisa Lucero—Climate Change and Classic Maya Political Decisions  
1:15 Roland Fletcher—Global Cross-comparisons of Climate Change and Collapse: Logical Issues and Implications  
1:30 Brendan Buckley, Dan Penny, Kevin Anchukaitis, Aroonrut Wichienkeeo and Nam Le Canh—Southeast Asian Megadroughts and Hydroclimate Extremes of the Past Millennium  
1:45 Mark Brenner, David Hodell, Jason Curtis, Flavio Anselmetti and Daniel Ariztegui—Paleoclimate and Paleoenvironment of the Maya Lowlands  
2:00 Damian Evans—The Development of Urbanism and Water Management Systems in Early Cambodia  
2:15 Laura Junker and Debra Green—Agricultural Production, Population Dynamics, and Urban Centers in Pre-Colonial Maritime Trading Polities of the Philippines  
2:30 Barbara Fash—Enclosed Courtyards as Watery Realms in Maya and South East Asian Environments  
2:45 Miriam Stark and Alex Morrison—Settlement and the Built Environment in the Lower Mekong before Angkor: A View from the Mekong Delta  
3:00 Gyles Iannone and Jaime Awe—Socio-Environmental Dynamics in the Southern Maya Lowlands: A Case Study from the North Vaca Plateau, Belize  
3:15 David Webster—A Chinese Traveler Among the Maya  
3:30 Michael D. Coe—Discussant  
3:45 Stephen Lansing—Discussant  
4:00 Vernon Scarborough—Discussant

- [154] SYMPOSIUM ■ ARE WE WHAT WE EAT? CONTINUITY AND CHANGE IN FOOD DURING CULTURE CONTACT IN NORTH AMERICA**  
**Room:** 242 (AC)  
**Time:** 1:00 PM–5:00 PM  
**Organizers and Chairs:** John Douglass and Seetha Reddy

**Participants:**

- 1:00 John Douglass and Seetha Reddy—Perceiving Food and Identity during Culture Contact  
1:15 Virginia Popper—Comparing Colonial and Mission Neophyte Subsistence Systems in California  
1:30 Lynn Gamble—Subsistence Practices and Feasting Rites: Chumash Choices after European Colonization  
1:45 Allika Ruby and William Hildebrandt—Dietary Persistence and Tool Selection in a Changing Economy: Obsolete or Optimal?  
2:00 Sarah Van Galder, Justin Lev-Tov and Richard Ciolek-Torrello—Consuming Ethnicity and Producing Hybridity in Dietary Decisions of Native Americans in post-contact southern California  
2:15 Seetha Reddy—Feeding the Ancestors: Insights into Native American Mortuary

- Offerings during Spanish Contact in coastal Southern California
- 2:30 Robert Cuthrell—Foodways, Practices, Colonial Experiences, and Elusive Identities: A Comparative Approach
- 2:45 Barnet Pavao-Zuckerman—Missionization and the Transformation of Dietary Practices in the Pimería Alta
- 3:00 Ashley Peles and Heather Trigg—Spanish New Mexican Foodways: Making Do in an Often Harsh Environment
- 3:15 Jun Sunseri—Get Away Closer: Buffer Village Foodways on a Spanish Colonial Frontier
- 3:30 Kristen Gremillion—Cultural Transmission of Botanical Knowledge in Postcontact Eastern North America
- 3:45 Gail Wagner—Native American Plant Remains from Colonial South Carolina
- 4:00 Ginessa Mahar and Elliot Blair—Diet, Gender, and Colonialism: The Impact of the Spanish Mission System on Patterns of Consumption in the Coastal Southeast
- 4:15 Kelsey J Noack—The Starving Time at Jamestown: A statistical analysis of Fauna consumed in early 17th Century Virginia
- 4:30 Katherine Spielmann—Discussant
- 4:45 Christine Hastorf—Discussant

**[155] SYMPOSIUM ■ CURRENT PROGRESS AND NEW RESULTS IN INTERNATIONAL COLLABORATIVE FIELDWORK IN CHINA**

**Room:** 226 (AC)

**Time:** 1:00 PM–5:00 PM

**Organizer:** Rowan Flad

**Chair:** Anne Underhill

**Participants:**

- 1:00 Chris Morgan, Loukas Barton, Robert Bettinger and Dongju Zhang—Tracking Paleolithic Behavioral Variability on the Western Loess Plateau
- 1:15 Ofer Bar-Yosef—The origin(s) of East Asian Pottery
- 1:30 Xiaohong Wu—Recent Uses of Radiocarbon Dating in International Projects in China
- 1:45 Christian Peterson, Xueming Lu and Robert D. Drennan—Hongshan Chiefly Communities in Neolithic NE China
- 2:00 Tianlong Jiao and Chunming Wu—Exploring the Cultural and Economic Trends in Neolithic Southeast China
- 2:15 Ling Qin, Guoping Sun, Shin'ichi Nakamura and Hui Zhao—From Foragers to Farmers: Current Results from Tianluoshan project in Zhejiang Province
- 2:30 Rowan Flad, Timothy Horsley, Kunyu He and Gwen Bennett—Research at Songjiaheba: Survey, Excavation and Geophysics at a small Settlement Site
- 2:45 Peter Jia, Alison Betts, Trudy Doelman, Quanjia Chen and Xinhua Wu—East meets West – Late Prehistoric Archaeology in Zhungerer, Xinjiang, China
- 3:00 Li Liu and Xingcan Chen—From Macro to Micro: the Sino-Australian Yiluo Region Project
- 3:15 Roderick Campbell, Zhipeng Li, Yuling He and Jing Yuan—Reconstructing Production: A Preliminary Investigation of a Late Shang Bone Workshop at Tiesanlu, Anyang
- 3:30 Zhichun Jing and Jigen Tang—Excavations of the Palaces at the Walled Huanbei City in Anyang
- 3:45 James Stoltman, Zhichun Jing, Jigen Tang and Yue Zhanwei—Petrographic Analyses of Ceramics Used in the Production of Shang Bronzes at Yinxunter

- 4:00 Feng Li and Zhonghe Liang—The Guicheng Project and Its Preliminary Results 2007-2009
- 4:15 Min Li, Tongxiu Zheng and Hui Fang—Archaeological Landscapes of the Wen-Si River Valley: Surveying the Hinterland of the Qufu Lu City
- 4:30 Hongliang Lu, Yongxian Li, James Taylor and Amanda Henck—Archaeological Research at a Han Dynasty Settlement in Jiuzhaigou National Park, Sichuan
- 4:45 Gwen Bennett—Xianbei, Khitan, Liao or Jin? Archaeological Investigations of the Chifeng Border Regions

**[156] SYMPOSIUM ■ MESOAMERICAN POLITICAL ECONOMY AND THE POLITICS OF PRODUCTION: PAPERS IN HONOR OF KENNETH G. HIRTH**

**Room:** 222 (AC)

**Time:** 1:00 PM–5:00 PM

**Organizers:** Carl Wendt, Jason De Leon and J. Heath Anderson

**Chair:** J. Heath Anderson

**Participants:**

- 1:00 Ann Cyphers—Subsistence Strategies at San Lorenzo
- 1:15 Carl Wendt and Jason De Leon—The Political Economy of the San Lorenzo Polity: A View from the Countryside
- 1:30 David Grove—Gateway Communities and the Early Formative period Basin of Mexico
- 1:45 Ronald Castanzo—Pottery Production in Formative Period Valley of Puebla: Support for the Intermittent Crafting Model
- 2:00 Gabriela Uruñuela and Patricia Plunket—The Standardization of the Thin Orange Ceramic Tradition: The Formative to Classic Transition
- 2:15 Gerardo Gutierrez—Distribution of Teotihuacan-Style Censers in Eastern Guerrero
- 2:30 Erick Rochette —"Not All Wealth Goods are Made Alike": Examining Assumptions about Jade Artifacts among the Classic Maya
- 2:45 Craig Goralski—Gone, But Not Forgotten: Ceramic Production and Exchange in the El Cajon Region, Honduras
- 3:00 Luis Barba—The Role of Phosphate Analysis in Mexican Archaeology
- 3:15 Blanca Maldonado—The "Chaîne opératoire" of Mesoamerican Metallurgy
- 3:30 Michael Smith—Xochicalco and Calixtlahuaca as Mesoamerican Hilltop Political Capitals
- 3:45 Bradford Andrews—Calixtlahuaca Obsidian: Initial Reflections of Lithic Technology on the Western Aztec Periphery
- 4:00 J. Heath Anderson—The Tepeaca Marketplace and the Distribution of Postclassic Polychrome Ceramics
- 4:15 Aurelio Lopez—Land Tenure and Agricultural Production among Commoner Households in Late Postclassic Tepeaca, Mexico
- 4:30 Jason De Leon—Discussant
- 4:45 Robert Cobean—Discussant

**[157] SYMPOSIUM ■ THE AURIGNACIAN OF THE SWABIAN JURA, SOUTHWESTERN GERMANY****Room:** 241 (AC)**Time:** 1:00 PM–5:00 PM**Organizers:** Christopher Miller and Nicholas Conard**Chairs:** Nicholas Conard and Christopher Miller**Participants:**

- 1:00 Nicholas Conard—From the Danube Corridor to Sex and Music in the Swabian Aurignacian
- 1:15 Christopher Miller and Paul Goldberg—Geoarchaeology, Paleoenvironments and Settlement Dynamics in the Swabian Jura: A Micromorphological Approach
- 1:30 Daniel Richter—The Chronostratigraphy of the Swabian early Upper Palaeolithic
- 1:45 Simone Riehl, Elena Marinova-Wolff, Katleen Deckers and Nicholas Conard—Vegetation and Plant Diet during the Upper Pleniglacial in southwestern Germany
- 2:00 Susanne Muenzel and Michael Hofreiter—Mammalian Fauna and Human Adaptations from the Aurignacian of the Swabian Jura
- 2:15 Hervé Bocherens, Dorothee Drucker, Susanne Münzel, Elisabeth Stephan and Nicholas Conard—The Aurignacian of the Swabian Jura, southwestern Germany: Palaeoenvironmental Reconstruction using Bone Stable Isotope Signatures (13C/12C, 15N/14N, 18O/16O)
- 2:30 Harald Floss—Lithic Raw Material Procurement Patterns in the Aurignacian of the Swabian Jura, southwestern Germany
- 2:45 Michael Bolus—Contextualizing Cultural and Technological Trends in the Swabian Aurignacian
- 3:00 Bruce Hardy—You Don't Need a Grapefruit Spoon to Eat a Grapefruit: Stone Tool Use in the Aurignacian and Middle Paleolithic of the Swabian Jura
- 3:15 Kurt Wehrberger and Nicholas Conard—Lion Man and Waterbird - Art and Symbolism in the Swabian Aurignacian
- 3:30 Sibylle Wolf—Personal Ornaments and Ivory Working Technology in the Ach and Lone Valleys
- 3:45 Guillaume Porraz—The Early Upper Palaeolithic in the Mediterranean Arc and the Question of the First Modern Human Dispersal into Europe: A Parallel with the Danube Corridor Hypothesis
- 4:00 Luc Moreau—The Aurignacian-Gravettian cultural change in Southwestern Germany
- 4:15 Gilbert Tostevin—Discussant
- 4:30 Anne Pike-Tay—Discussant

**[158] SYMPOSIUM ■ THE PERFORMANCE OF MORTUARY RITUAL IN THE AMERICAN SOUTHWEST****Room:** 240 (AC)**Time:** 2:00 PM–5:00 PM**Organizer and Chair:** Scott Thompson**Participants:**

- 2:00 Gordon Rakita—Mortuary Rituals, Performance, and Social Identity in the Post-Chacoan World of the Middle San Juan Region
- 2:15 Jessica Cerezo—Mortuary Practices and Personhood among the Hohokam of Southern Arizona
- 2:30 Todd Howell—Legitimizing Power at Hawikku
- 2:45 Kimberly Spurr and Stewart Deats—Mortuary Behavior, Social Dynamics, and the



- Transition from Life to Death in the Prescott Culture of Arizona
- 3:00 Scott Thompson—Burial Performance and Interactions with the Dead in Pueblo Bonito, Chaco Canyon
- 3:15 Betsy Brandt—Death and Burial in the Southwest
- 3:30 James Watson and Jessica Cerezo-Roman—The Performative Transition of Mortuary Ritual in the southern Southwest
- 3:45 Jeff Reid and Stephanie Whittlesey—Mortuary Ritual at Grasshopper Pueblo
- 4:00 Lorrie Lincoln-Babb and Chris R. Loendorf—Ritualistic Mortuary Performances During the Late Archaic in the Southwest: There's No Place Like Home
- 4:15 Chad Burt and William H. Walker—Animacy and the Ritual Killing of Ceramic Vessels: A Late Prehistoric Mortuary Practice in the American Southwest
- 4:30 Lynne Sebastian—Discussant
- 4:45 J Andrew Darling—Discussant

**[159] FORUM ■ REFLECTING CRITICALLY ON THE GOALS AND METHODS OF ARCHAEOLOGICAL PRACTICE**

**Room:** 263 (AC)

**Time:** 2:30 PM–5:00 PM

**Organizers:** Shoshaunna Parks and Patricia McAnany

**Participants:**

- Chip Colwell-Chanthaphonh—Discussant
- Janet Levy—Discussant
- George Nicholas—Discussant
- Sonya Atalay—Discussant
- Jaime Awe—Discussant
- Patricia McAnany—Discussant
- Shoshaunna Parks—Discussant
- Brian Billman—Discussant
- Patrick Williams—Discussant
- Arlen Chase—Discussant

**[160] SYMPOSIUM ■ THE ARCHAEOLOGY OF PERSPECTIVE**

*(Sponsored by The ICOMOS Scientific Committee on Archaeological Heritage Management (ICAHM))*

**Room:** 232 (AC)

**Time:** 2:30 PM–5:00 PM

**Organizer and Chair:** Douglas Comer

**Participants:**

- 2:30 Ronald Blom, Douglas Comer, Scott Hensley and Andrew Yatsko—Remote Sensing Data and Archaeology: Ingredients for Success
- 2:45 James Tilton, Douglas Comer, Kevin May and Winston Hurst—Towards Automated Detection of Archaeological Sites utilizing Remotely Sensed Imagery
- 3:00 Douglas Comer and Glenn Markoe—Monumental Tether: The Nabataean Transition from Trade to Agriculture
- 3:15 Trent Stockton, Mandy Munro-Stasiuk and T. Kam Manahan—The View from Xuenkal: Geocological and Social Determinants of Settlement Location at an Ancient Maya Center

- 3:30 Winston Hurst—The Spider Woman's Matrix: Ancient Puebloan "Roads" in Utah as Integrative Monumental Features
- 3:45 Charles Golden—Dynamics Landscapes and Political Developments in the Maya Kingdoms of Piedras Negras and Yaxchilan: New Perspectives Provided by Remote Sensing, Archaeology, and Epigraphy
- 4:00 Michael Chenoweth and Diana Greenlee—Aerial Photography and the Monumental Landscape at Poverty Point
- 4:15 Grant Coffey and Devin A. White—The Goodman Point Cultural Landscape Analyzed through Remote Sensing
- 4:30 Andrew Yatsko, Douglas Comer and Kevin May—Cultural Implications of Viewshed Analyses at San Clemente Island
- 4:45 Chris Balzotti, Richard Terry, Steven Peterson and Ryan Jensen—Modeling the Maize Agriculture Potential of Landforms in the Sierra del Lacandon and Tikal National Parks, Guatemala

**[161] POSTER SESSION ■ ARCHAEOLOGICAL SCIENCE 2010: PART II**

*(Sponsored by Society for Archaeological Sciences)*

**Room:** Exhibit Hall 1 (AC)

**Time:** 3:00 PM–5:00 PM

**Organizers:** Javier Iñáñez, Christopher Wolff and Robert Speakman

**Participants:**

- 161-a Michael D. Glascock, Martin Giesso, Victor Duran, Adolfo Gil and Gustavo Neme—Trace-Element Characterization of Obsidian Sources in Central Argentina and Central Chile Using XRF and INAA
- 161-b Javier Inanez, Jeremy Bellucci, Richard Ash, William F. McDonough and Robert J. Speakman—Pb Isotope Characterization of Majolica Pottery from Spain and the Americas
- 161-c Suzanne Eckert and William D. James—Using LA-ICP-MS to Determine Production Provenance for Basalt Tempered
- 161-d Robert Speakman, Christine France, Paul Sheppard, Nadia Jimenez Cano and Nicole Little—Stable Isotopic and Chemical Indicators of Volcanic Eruptions in Tree Rings from Parícutin, Mexico—Implications for Dating Prehistoric Eruptions
- 161-e Carl Lipo, Jelmer Eerkens and Sachiko Sakai—Ceramic technology diffusion among prehistoric mobile populations of the California deserts
- 161-f Christopher Wolff, William Fitzhugh and Robert Speakman—The Utility of pXRF in the Assessment of Slate Procurement and Exchange by the Maritime Archaic of Newfoundland and Labrador
- 161-g Christopher Crews—Obsidian Procurement in the Piedra Lumbre Valley: 130 Obsidian bifaces from GR-2
- 161-h Julie A. Woods, Matthew T. Boulanger, Elizabeth S. Chilton, David V. Hill and Michael D. Glascock—Giving Voice to Choice: Integrating Scientific, Ethnographic and Historical Analysis to Understand 17th Century Native Pottery from Western New England
- 161-i Eric Bartelink and Phillip Johnson—Paleodietary Patterns on Tutuila Island, American Samoa: Evidence from Stable Carbon and Nitrogen Isotope Analysis
- 161-j Destiny Crider—Pottery Paints and Technological Traditions: PIXE Characterization of Central Mexican Epiclassic and Early Postclassic Pottery
- 161-k Joel Blickstein, Stephanie Chen, Hirzi Amirkhanov, Bonnie A.B. Blackwell and Anne R. Skinner—ESR Dating an Oldowan Site in Dagestan, Southern Russia
- 161-l James Daniels and Mark Becker—Geophysical Investigation and Archaeological

- Excavation of a Late Prehistoric Site
- 161-m Daniel Welch—Dispersal of Volcanic Glass Resources in Ceramic-Period Samoa: Resource Control and Long-Distance Trade
- 161-n Julie Boreham—Hidden Worlds made Visible
- 161-o Emily McClung de Tapia—Stable Carbon Isotopes applied to Landscape Reconstruction: Teotihuacan Valley, Mexico

**[162] POSTER SESSION ■ CAREER PATHS AND THE UNDERGRADUATE MAJOR: HOW ARE WE PREPARING OUR STUDENTS IN THE SAA'S 75TH YEAR**

*(Sponsored by SAA Committee on Curriculum)*

**Room:** Exhibit Hall 1 (AC)

**Time:** 3:00 PM–5:00 PM

**Organizer and Chair:** Sarah Neusius

**Participants:**

- 162-a Michele Lorenzini, Julie Holt, and Gregory Vogel—Engaging Undergraduates in Archaeology: Curriculum and Beyond at SIUE
- 162-b Sarah Neusius, Phillip Neusius and John Kilmarx—Teaching Archaeology and Preparing Students: Evaluating the Archaeology Track at Indiana University of Pennsylvania
- 162-c Karla Davis-Salazar, Edgar Amador and Jason Miller—Undergraduate Archaeology at the University of South Florida-Tampa
- 162-d Amy Margaris—Where Do We Go From Here? The Pursuit of an Archaeological Studies Major at Oberlin College and its Afterlife
- 162-e Elijah Correla, Michael Ohnersorgen and Patti Wright—Undergraduate Archaeology at the University of Missouri-St. Louis
- 162-f David A. Anderson and Timothy L. McAndrews—Structure and Choice: Undergraduate Education in Archaeology at the University of Wisconsin-La Crosse
- 162-g Shannon Fie and William Green—Archaeology at Beloit College: New Approaches for an Established Program
- 162-h Richard Meadow and Jade D'Alpoim Guedes—The Undergraduate Concentration in Archaeology at Harvard University
- 162-i Renee Walker and Cynthia J. Klink—Teaching Archaeology as Anthropology in Upstate New York

**[163] POSTER SESSION ■ CURATION, STEWARDSHIP, AND PUBLIC ARCHAEOLOGY**

**Room:** Exhibit Hall 1 (AC)

**Time:** 3:00 PM–5:00 PM

**Participants:**

- 163-a Victoria Luksha—Artifact Conservation: A Cost-Effective, Mildly Invasive Method
- 163-b Sunshine Thomas and Laura O'Halloran—To Dig or Not to Dig: Researcher Access to Museum Collections
- 163-c Jennifer Riordan and Michael Trimble—Contributions to Archaeological and Forensic Sciences of the U.S. Army Corps of Engineers' Center of Expertise for Curation
- 163-d Michael Blake, Kisha Supernant, Sue Formosa and Bruce Benz—A Web-Based Method for Mapping: An Example Showing the Spread of Early Maize in the Americas

- 163-e Julie Euber and James Bayman—Bioarchaeology in Guam: Trends and Current Conditions
- 163-f Ruth Troccoli and Shagun Raina—GIS and Archaeological Data Management in the Nation's Capitol
- 163-g Allison Young—An Assessment of the State of Civil War Battlefield Archaeology
- 163-h Kathryn Frederick and Meghan Howey—Displaying a Living Past, Calling for Stewardship : A Case Study of Cross-Disciplinary Museum Discourse from the University of Michigan Biological Station
- 163-i Adam Johnson—Collections Management at Western Michigan University: Problems, Plans, and Solutions

**[164] POSTER SESSION ■ GOVERNMENT ARCHAEOLOGY - WORKING FOR THE PEOPLE AND THE RESOURCE**

*(Sponsored by Committee for Government Archaeology )*

**Room:** Exhibit Hall 1 (AC)

**Time:** 3:00 PM–5:00 PM

**Organizer and Chair:** Laurie Rush

**Participants:**

- 164-a Jesse Bergevin—The Oneida Indian Nation Archaeology Program
- 164-b Carl Carlson-Drexler, Michael Hargrave and Carey Baxter—Deploying Geophysics in Cultural Resources Management on United States Military Installations
- 164-c Laurie Rush and James Zeidler—Heritage Preservation; Military Progress in the Middle East
- 164-d Adrienne Rankin, Joseph Joaquin and Lorraine Eiler—Landscapes of Knowledge: Native American Perspectives and Integrated Natural-Cultural Resource Management on the Barry M Goldwater Range East
- 164-e Kelly Eldridge and Margan Grover—Salvage Archaeology at the Snake River Sandspit Site in Nome, Alaska
- 164-f Michael Heilen and Jeffrey Altschul—Analyzing Archaeological Data Quality: Recent Results from Military Installations in the United States

**[165] POSTER SESSION ■ ONE SIZE DOES NOT FIT ALL: INNOVATIVE SOLUTIONS TO CLIENT PROBLEMS**

**Room:** Exhibit Hall 1 (AC)

**Time:** 3:00 PM–5:00 PM

**Organizer and Chair:** Judy Davis

**Participants:**

- 165-a Dan Hart—The Military Built Environment and Cultural Landscape Assessment in the Hawaiian Islands
- 165-b Suzanne Stone and Brandy Hurt—Artifacts and Buried Sites, Tailored Solutions
- 165-c Christy Smith—Partners in Cultural Resources Management
- 165-d Judy Davis and Ben Fischer—Settlement Patterns of the Mormons and Chinese in the American West

**[166] POSTER SESSION ■ SITE STRUCTURE AND CONSUMPTION: EXPLORING SOCIAL DIMENSIONS OF ARCHAEOLOGICAL VARIATION AT MONTICELLO PLANTATION**

**Room:** Exhibit Hall 1 (AC)

**Time:** 3:00 PM–5:00 PM

**Organizers:** Sara Bon-Harper and Alison Bell

**Chair:** Sara Bon-Harper

**Participants:**

- 166-a Alison Bell, Karen Smith and Alexandra Massey—Material Culture and Social Liminality: Variation in Ceramic Consumption among Monticello Residents
- 166-b Elizabeth Clites and Brian McCray—Monticello Before the Mansion: A Comparative Study of Early Domestic and Industrial Structures on Mulberry Row
- 166-c Sean Devlin, Susan Payton and Fraser D. Neiman—Middle Man (?): Evaluating Variation among Household Economies through Spatial Patterning
- 166-d Donald Gaylord and Derek Wheeler—The Stewart-Watkins site at Monticello: an Investigation of Household Economies and Site Structure at the Domestic Sites of Free White Laborers and Enslaved African Americans
- 166-e Sara Bon-Harper—Yard Space: Comparisons of General Activity Areas between Historic Period Social Groups

**[167] SYMPOSIUM ■ THE BATTLE OF BLAIR MOUNTAIN AND THE LUDLOW MASSACRE: LABOR, ACTIVISM, AND HERITAGE IN THE WEST VIRGINIA AND COLORADO COALFIELDS**

**Room:** 261 (AC)

**Time:** 3:00 PM–5:00 PM

**Organizers:** Brandon Nida and Harvard Ayers

**Chairs:** Harvard Ayers and Brandon Nida

**Participants:**

- 3:00 Barbara Rasmussen—The Blair Mountain Task Force
- 3:15 Dean Saitta—Ludlow Massacre Archaeology in Community Context
- 3:30 Harvard Ayers—Blair Mountain Archeology and Listing Defense
- 3:45 Paul Reckner—Why We Dig, Why We Remember, Why We Struggle (And Who is This "We" Anyway?): Reflections on the Encounter Between Archaeologists and the Local Labor Community of Southern Colorado
- 4:00 Brandon Nida—A Mountain Yarn: Archaeology of the West Virginia Coal Wars
- 4:15 Michael Jacobson—The Conflicts of Place: The Application of Military Terrain Analysis on the Landscapes of the Colorado Coalfield War
- 4:30 Kenneth King—The Blair Mountain Battlefield, Logan County, WV
- 4:45 Randall McGuire—Archaeology as Political Action in the Coalfields

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

**Room:** 102 (AC)

**Time:** 4:00 PM–4:45 PM

**Organizer:** Kimberlee Moran

**Chair:** Karl Harrison

**Participants:**

- 4:00 Brian Paulsen—Landfill Searches for Human Remains - A Case Study
- 4:15 Karl Harrison—The Application of Archaeological Techniques to the Forensic Fire Scene
- 4:30 Kevin Willis—Decomposition of Child-Sized Remains in Dumpsters

## Saturday Morning ■ April 17, 2010

### [169] GENERAL SESSION ■ CERAMIC ANALYSES AND FIGURINE STUDIES IN MEXICO

**Room:** 261 (AC)

**Time:** 8:00 AM–9:45 AM

**Chair:** Amy Hirshman

#### Participants:

- 8:00 Nathan Meissner, Katherine E. South and Andrew K. Balkansky—Early Evidence for Figurine Embodiment in the Formative Mixteca Alta, Oaxaca, Mexico
- 8:15 Isabel Cordova—La Blanca and Chalcatzingo: A Comparative Approach to Symbolism and Identification to the Ritual Use of Figurines.
- 8:30 Jennifer Faux—Mapping the Past: An Assessment of the Half-Conical Figurine Workshops at Teotihuacan
- 8:45 Amy Hirshman—Appraising the Data: Resolving Multiple Inquiries into the Nature of the Tarascan Ceramic Pastes
- 9:00 Mia Jorgensen—The Place Where Men Become Gods: Termination, Dedication or Fill? Exploring Results from the Ceramic Analysis of Plaza One, Teotihuacan
- 9:15 Bryce Davenport—Substance and Style: Evaluating Mixteca-Puebla Influence in the Aztatlán Complex
- 9:30 Patricia Ordonez Gonzalez—An Insight on Mesoamerican Glyptics: Seals and Merchants

### [170] SYMPOSIUM ■ NEIGHBORHOOD ARCHAEOLOGY: VOLUNTEERS, COMMUNITIES, AND LOCAL POLITICS

**Room:** 229 (AC)

**Time:** 8:00 AM–10:15 AM

**Organizers:** Robert Austin and Uzi Baram

**Chair:** Uzi Baram

#### Participants:

- 8:00 Robert Austin—Doing Archaeology Publicly: The Bayshore Homes Project
- 8:15 Uzi Baram—Organizing Archaeology: Community Outreach and Civic Engagements in the Commemoration of the Past
- 8:30 Brent Weisman—Front Yard, Back Yard: Neighborhood Archaeology in Urban Tampa, Florida
- 8:45 Siobhan Hart—Why Firehouses Matter: The Power and Politics of Heritage Preservation in Deerfield, Massachusetts
- 9:00 Roger Grange—Saving 18th Century New Smyrna: Public Archaeology In Action
- 9:15 Michael Nassaney—Public Involvement in the Fort St. Joseph Archaeological Project
- 9:30 Jason Wenzel—Historical Archaeology as Public Archaeology in Orange County, Florida
- 9:45 Kelley Scudder—Archaeological Revolution on a Small Island Nation in the Twenty-first Century: A Grass-Roots Approach to Cultural Resource Management on the Island of Nevis
- 10:00 Robert Austin—Discussant

**[171] SYMPOSIUM ■ COMBAT IN THE GRASS: DIVERSE PLANS OF ATTACK FOR WARFARE STUDIES OF THE NORTH AMERICAN GREAT PLAINS, PART 1**

**Room:** 100 (AC)

**Time:** 8:00 AM–10:15 AM

**Organizer and Chair:** Andrew Clark

**Participants:**

- 8:00 Dennis Toom—A Sharp Little War: Initial Coalescent Intrusion into the Middle Missouri Subarea of the North American Great Plains
- 8:15 Bryon Schroeder—Conflict on the Northwestern Plains
- 8:30 Albert Lebeau III—Fortified Plains Villages: Evidence for Prehistoric Warfare on the Plains?
- 8:45 Richard Drass, Susan Vehik and Stephen Perkins—Digging Ditches; Fortifications at Bryson-Paddock and Other Southern Plains Villages
- 9:00 Ashley Kendell—The Crow Creek Massacre: The Role of Gender in Scalping Practices
- 9:15 R. Eric Hollinger—Conflict and Culture Change on the Plains: The Oneota Example
- 9:30 Mavis Greer and John Greer—The Record of Northern Plains Warfare in Rock Art
- 9:45 James Keyser—Weapons of War: Protohistoric Arms and Accoutrements in Bear Gulch Rock Art
- 10:00 Doug Scott and Peter Bleed—Carbines and Cannon: Archaeological Investigations of the February 1865 Battle of Rush Creek, Nebraska

**[172] SYMPOSIUM ■ THE AVENUE OF THE SAINTS ARCHAEOLOGICAL PROJECT IN NORTHEAST MISSOURI**

**Room:** 262 (AC)

**Time:** 8:00 AM–10:30 AM

**Organizer and Chair:** Steven Creasman

**Participants:**

- 8:00 Linda Scott Cummings and Chad Yost—Agriculture, Nuts, Wild Plants, and Fish: A Record of Subsistence along the Avenue of the Saints Corridor, NE Missouri
- 8:15 Andrew Martin, Andrew Bradbury and Paul Bundy—Archaic Sites Excavated During the Avenue of the Saints Project
- 8:30 Richard Herndon, Brian DelCastello and Jennifer Haney—Overview of Prehistoric Pottery: Early Woodland through Late Woodland
- 8:45 Robert Reeder—Missouri's Avenue of the Saints Archaeological Project and Tribal Consultation
- 9:00 Michael Meinkolth—Archaeological Data Recovery on the Avenue of the Saints
- 9:15 Neal Lopinot and Gina Powell—Harvesting the Forests and Fields: A Summary of the Archaeobotanical Record for the Avenue of the Saints
- 9:30 Jessica Allgood—Analysis of Faunal Remains from the Carskadon Site (23LE348), a Middle Woodland Havana Hopewell Site in Lewis County, Missouri
- 9:45 Randy Cooper, Richard L. Herndon, Brian G. DelCastello and Jennifer M. Haney—Synopsis of Woodland Occupations
- 10:00 R A Varney, Linda Scott Cummings and Chad Yost—Paleoenvironment: Pollen, Phytoliths, and Models for the Avenue of the Saints Corridor, NE Missouri
- 10:15 Brian Delcastello, Andrew Bradbury, Paul Bundy, D. Randall Cooper and Andrew Martin—Lithic Analysis and the Avenue of the Saints Project

**[173] SYMPOSIUM ■ THE CENTER FOR AMERICAN ARCHEOLOGY (CAA): IMPACTS BEYOND KAMPSVILLE**

**Room:** 226 (AC)

**Time:** 8:00 AM–10:15 AM

**Organizer:** Gregory Vogel

**Participants:**

- 8:00 Jane Buikstra—The Center for American Archeology: A Historical Perspective
- 8:15 Mike Wiant—Deep Site Methodology: A View from Koster
- 8:30 Robert Pickering—The Kampsville Model of Public Archaeology
- 8:45 Bonnie styles—Impacts of Archeozoological Research in the Illinois River Valley
- 9:00 David Asch and Nancy Asch Sidell—Lower Illinois Valley Archeobotany: 1970–1985
- 9:15 Doug Charles—The Quick and the Dead: Archaeologists and Mortuary Sites of the CAA
- 9:30 Tom Styles and Edwin Hajic—The Broader Influence of the Geomorphology and Geoarchaeology Program at the Center for American Archaeology
- 9:45 lynne Goldstein—Discussant
- 10:00 Jim Brown—Discussant

**[174] FORUM ■ GENDERED SELVES: EXPERIENCES IN AND OUT OF THE CLASSROOM**

*(Sponsored by Women in Archaeology Interest Group)*

**Room:** 223 (AC)

**Time:** 8:00 AM–11:00 AM

**Organizers and Chairs:** Katie Kirakosian and Jo Ellen Burkholder

**Participants:**

- H. Martin Wobst—Discussant
- Elizabeth Chilton—Discussant
- Pamela Geller—Discussant
- Karen Harry—Discussant
- Kelley Hays-Gilpin—Discussant
- John Norder—Discussant
- Stacie King—Discussant
- Desiree Martinez—Discussant
- Alison Rautman—Discussant
- Veronica Rodriguez—Discussant
- Claire Smith—Discussant

**[175] SYMPOSIUM ■ SOCIAL ARCHAEOOMETRY: PROMISE AND PROSPECTS IN THE ANTHROPOLOGICAL SCIENCES**

**Room:** 222 (AC)

**Time:** 8:00 AM–12:00 PM

**Organizers and Chairs:** David Peterson and John Dudgeon

**Participants:**

- 8:00 David Peterson and John Dudgeon—The Promise of Social Archaeometry: Building an Anthropologically Relevant Archaeological Science
- 8:15 Tim Taylor—Why Possibly or How Necessarily? A British Perspective on the Science - Archaeology Nexus
- 8:30 John Dudgeon, David Peterson and Monica Tromp—Traces of the Trade: Bronze Age Metal Producers in the Eurasian Steppes Determined Through Skeletal Trace Metals



- 8:45 Ian Lindsay—Holding Down the Fort: Magnetic Survey in the Investigation of Political Dynamics at a Late Bronze Age Fortress Settlement, Tsaghkahovit, Armenia
- 9:00 Ling-yu Hung and Jianfeng Cui—Investigating Majiayao Painted Pottery Production with LA-ICP-AES
- 9:15 John Matsunaga—Technological Practice and Household Ceramic Production at Vinca-Belo Brdo
- 9:30 Randolph Donahue, Maura Pellegrini, Julia Lee-Thorp and Margherita Mussi—The Seasonal Mobility of Ungulates in Peninsular Italy for Testing Late Glacial Hunter-Gatherer Subsistence-Settlement Strategy Models
- 9:45 Tristan Carter—Sourcing Without the Social? Obsidian Characterisation in the Eastern Mediterranean 40 years On
- 10:00 Herb Maschner and Buck Benson—Interaction Spheres and Aleut Ethnogenesis
- 10:15 Nicole Misarti, Herbert Maschner and Bruce Finney—Isotopes and Social Complexity in the Aleut Region
- 10:30 Jamie Anderson—Dating the Interaction between Human Settlement and the Climatic/Environmental Change in the Norse North Atlantic, AD 800-1600
- 10:45 Kat Hayes—Mineralogical Routes to Social Interactions: Investigating Locally-made Earthenwares at the Sylvester Manor Site
- 11:00 Diane Davies —The Value of Chemical Analysis in Understanding the Function and thus Activities carried out in Ancient Structures: Results from the Maya site of San Bartolo, Petén, Guatemala
- 11:15 Daniel Contreras and Kristin Nado—Interpreting Geochemically Characterized Obsidian from Chavín de Huántar, Peru
- 11:30 Lisa Niziolek—A Geochemical Study of Earthenware Production and Distribution in the Protohistoric Philippines
- 11:45 Robert Tykot—Discussant

**[176] SYMPOSIUM ■ UNDERSTANDING OHIO HOPEWELL EARTHEN ENCLOSURES**

**Room:** 221 (AC)

**Time:** 8:00 AM–12:00 PM

**Organizers:** Erin Dempsey and Mark Lynott

**Chair:** Mark Lynott

**Participants:**

- 8:00 Jarrod Burks—Exploring the Emergence of Earthwork Complexity in Southern Ohio: the Small and Unique Enclosures of the Scioto Valley
- 8:15 Katherine Spielmann—Temporal Variation in Structures at Seip Earthwork
- 8:30 Brad Lepper—The Ceremonial Landscape of the Newark Earthworks
- 8:45 Ann Bauermeister—The Riverbank Site: A Non-Earthwork Hopewell Site in Ross County, Ohio
- 9:00 Kathy Brady and Jennifer Pederson Weinberger—Investigations of a Hopewell Structure and Associated Features Outside the Mound City Earthworks
- 9:15 N'omi Greber and Robert Horn—Interpreting Earthen Walls as Markers of Knowledge
- 9:30 Robert Riordan—Within Fort Ancient
- 9:45 Frank Cowan—Tooling Up for Special Events at Special Places
- 10:00 A. Martin Byers—The Ohio Hopewell as a System of Cult Sodality Heterarchies
- 10:15 Erin Dempsey—The Utility of Dirt: Soil Studies at the Hopeton Earthworks
- 10:30 Mark Lynott—Ditches, Walls, Mounds and Monuments: What Do We Really Know About Ohio Hopewell Earthen Enclosures?
- 10:45 Christopher Carr and Anna Novotny—Ritual Dramas in Ohio Hopewell Earthworks

- 11:00 Mark Seeman—Discussant
- 11:15 Kenneth Tankersley—Discussant
- 11:30 Michael Wiant—Discussant
- 11:45 Jennifer Pederson—Discussant

**[177] SYMPOSIUM ■ HUMAN RESPONSES TO YOUNGER DRYAS IN THE NORTHERN HEMISPHERE: THE OLD WORLD**

*(Sponsored by INQUA (International Union for Quaternary Research))*

**Room:** 220 (AC)

**Time:** 8:30 AM–11:45 AM

**Organizer and Chair:** Lawrence Straus

**Participants:**

- 8:30 Nuno Bicho, Jonathan Haws and Francisco Almeida—The Dryas III event in central and southern Portugal: Evidence of Absence or Absence of Evidence?
- 8:45 Emilio Aura, Pilar Utrilla, Jesús F. Jordá and Lourdes Montes—Younger Dryas in Eastern Spain: The Ebro Basin and the Mediterranean Zone
- 9:00 Lawrence Straus—Human responses to Younger Dryas in Cantabrian Spain
- 9:15 Michel Barbaza—Glacial Rhythms and Cultural Changes in the Terminal Upper Paleolithic of the northern Pyrenees
- 9:30 Pierre Vermeersch—The Human Occupation of the Benelux during Younger Dryas
- 9:45 Mara Weber and Sonja B. Grimm—Impact of Dryas III on Human Behavior in Germany and Austria
- 10:00 Berit Eriksen—Socioeconomic Responses to the Younger Dryas event in Late Palaeolithic Scandinavia
- 10:15 Jan Burdukiewicz—Late Glacial Hunter-gatherer's Reaction against Younger Dryas Cooling Event in south and eastern Baltic Region
- 10:30 Ian Buvit and Karisa Terry—The Twilight of Paleolithic Siberia: Human-Environmental Interactions at the End of the Ice Age
- 10:45 Sergei Vasilev—Old Traditions, New Tendencies: The Final Paleolithic Culture Development in Siberia
- 11:00 Yuichi Nakazawa, Masami Izuho and Fumito Akai—Hunter-gatherers Responses to the Younger Dryas in Japan
- 11:15 Robert Elston, Guanghui Dong and Dongju Zhang—Human Responses to the Younger Dryas in China
- 11:30 Ofer Bar-Yosef—Discussant

**[178] SYMPOSIUM ■ THE ANCIENT MAYA OF YUCATAN: PAPERS IN HONOR OF E. WYLLYS ANDREWS V, PART I**

**Room:** 228 (AC)

**Time:** 8:30 AM–11:45 AM

**Organizer:** Geoffrey Braswell

**Chair:** Gabrielle Vail

**Participants:**

- 8:30 David Anderson—The Middle Preclassic Ballgame: Yucatan and Beyond
- 8:45 Aline Magnoni, Scott Hutson and Bruce Dahlin—Living in the City: Settlement Patterns and the Urban Experience at Classic Period Chunchucmil, Yucatán, Mexico
- 9:00 Walter R. T. Witschey and Clifford T. Brown—5,000 Sites, and Counting: The Inspiration of Maya Settlement Studies in 2010

- 9:15 William Ringle—Form and Function of Las Monjas, Uxmal  
9:30 George Bey and Rossana May Ciau—The Reality and Role of Popol Nas in Northern Maya Archaeology  
9:45 Geoffrey Braswell and Lauren Hahn—In the Shadow of the Pyramid: Excavations of the Great Platform of Chichen Itza  
10:00 Clifford Brown, April Watson and Ashley Gravlin-Beman—Wealth and Society at Mayapán  
10:15 Gabrielle Vail and Christine Hernandez—The Dynamic Duo: Rain and Fertility Rituals in Postclassic Yucatan Featuring Chaak and Chak Chel  
10:30 Rani Alexander—Maya Collapse or Resilience? Lessons from the Spanish Conquest and Yucatan's Caste War  
10:45 Anthony Andrews—Discussant  
11:00 Jeremy Sabloff—Discussant  
11:15 Joyce Marcus—Discussant

**[179] SYMPOSIUM ■ ARCHAEOLOGY OF THE ROCKIES EXPRESS PIPELINE PROJECT INDIANA AND OHIO**

**Room:** 103 (AC)

**Time:** 8:30 AM–12:00 PM

**Organizer:** Seth Mitchell

**Chair:** David Breetzke

**Participants:**

- 8:30 Kari Krause—Introduction to the Archaeology of the Rockies Express Pipeline-East Project  
8:45 Cynthia Goode—Investigation and Analysis of the Hadley Industrial School for Girls, Hendricks County, Indiana  
9:00 Thomas J. Chadderdon—A Long, Thin Line: Archaeological Survey Along 100 Miles of the Rockies Express Pipeline Project in Eastern Indiana  
9:15 Sandy Stevens—A New Terminal Late Woodland Ceramic Type along the Lower Whitewater River in SE Indiana  
9:30 Tim Lloyd—Data Recovery of 12FR336, a Multi-Component Prehistoric Site along the Whitewater River in Southeastern Indiana  
9:45 Karen Niemel—Middle Woodland Community Organization in the Whitewater River Basin  
10:00 Erica L. Schneider—Data in the Pipeline: A Study of Prehistoric Settlement Pattern Data from the Rockies Express-East Pipeline Project in Ohio  
10:15 David Breetzke—No Feature, No Midden, No Problem: Ceramic Residue Analysis from a Middle Woodland Component in Southwest Ohio  
10:30 Kevin Schwarz—A Jack's Reef Horizon Settlement Cluster in the Central Scioto Valley  
10:45 Richard Duncan and Alyssa Trimmer—Life with Lithics in the Upper Mercer: Sites 33Pe174 and 33Pe362 in Perry County, Ohio  
11:00 Tracy Formica—Lithics Really Do Talk Back: A Comparison of Sites 33PE838 and 33PE839  
11:15 Marie Pokrant—The Pride of Red Lion: Abner Crane and the Early Settlement of Warren County, Ohio  
11:30 David Klinge—Rural Industry, Class, and Community in Nineteenth-Century Southwest Ohio: 33CN428, 33CN430, 33CN433, and 33CN460  
11:45 Jonathan Glenn—Living on the Edge: Excavations at the Jacob Kocher Homestead (33MO77)

**[180] SYMPOSIUM ■ BEYOND THE BROCHURE 2.0: PUBLIC OUTREACH IN CULTURAL RESOURCE MANAGEMENT**  
(Sponsored by Public Education Committee; Consulting Archaeology Committee)  
**Room:** 232 (AC)  
**Time:** 8:30 AM–12:00 PM  
**Organizer and Chair:** Hope Luhman

**Participants:**

- 8:30 Ken Basalik—Dressing Up the Public Dissemination Document: Do We Go "Off the Rack" or "Tailor-Made"?
- 8:45 David Clarke and Kevin Cunningham—Public Outreach in CRM the Delaware Department of Transportation Model
- 9:00 James G. Gibb and April M. Beisaw—Blogs, Videos, and Volunteers: Some Lessons We Have Learned
- 9:15 Kris Hirst—God's Truth and Public Archaeology: Would You Like Syrup with that Waffle?
- 9:30 Hope Luhman—The Who, wot, Where, When & hw: Considering the Possibilities 4 Public Outreach in CRM
- 9:45 Maria O'Donovan and Nina Versaggi—Commemorating the Past through Visual Representations: A Case Study from Binghamton's Urban Core
- 10:00 Giovanna Peebles—Vermont's New Internet-Based Archeology "Museum": Archeologists as Curators, with Information for Everyone
- 10:15 Duane Peter—Recreating the Box - Thinking from the INside Out
- 10:30 Christina Rieth—Cultural Resource Management and Museum Archaeology: Stewardship and Public Outreach in a Museum Setting
- 10:45 Amy Salsgiver and Kristin Swanton—Educating the Educators: Introducing Sensitive Issues Through Archaeology
- 11:00 Nina Versaggi, Michael Jacobson and Richard Kastl—Balancing the Interests of Competing "Publics": A Critique of the "Pragmatic Approach" in CRM
- 11:15 Bev Chiarulli—Discussant
- 11:30 Carol Ellick—Discussant
- 11:45 Johna Hutira—Discussant

**[181] SYMPOSIUM ■ HOW ARCHAEOLOGY MAKES ITS SUBJECT(S): GROUPS, THINGS AND EPISTEMIC (IN)JUSTICES**  
**Room:** 227 (AC)  
**Time:** 8:30 AM–12:00 PM  
**Organizers and Chair:** David Cohen and Chelsea Blackmore

**Participants:**

- 8:30 Robert Paynter—Turning Things into Names and Names into Things: Archaeology and Consequential Entanglements
- 8:45 Sara Gonzalez—An Ethical Archaeology? Decolonization, Collaboration and the Archaeology of Colonialism
- 9:00 Chelsea Blackmore—Shaping the Past to Shape the Future? Archaeological Knowledge and the Politics of Modern Maya Identity
- 9:15 Uzma Rizvi—Archaeology of Time and Title: Labeling "Primitive" and "Tribal" and its effects in Contemporary Indigenous Communities in India
- 9:30 Nan Rothschild and Heather Atherton—Material Manifestations (or Not) of Ethnic Identity
- 9:45 Bonnie Clark—Our Words Betray Us: Rethinking Archaeological Terminology through Collaboration
- 10:00 Kisha Supernant—Contemporary Community Disputes and the Production of

- Archaeological Knowledge: A Case from British Columbia, Canada
- 10:15 Lee Panich—Acculturation, Resistance, Ethnogenesis, Persistence: Rethinking the Legacies of Colonial Entanglements for Indigenous Peoples
- 10:30 David Cohen—Tsimologo ya Ntlha ("They are Still Old-Fashioned"): Pursuing Social Justice in Botswana
- 10:45 Darren Modzelewski, Corey Abramson and Phillip Fucella—Legal Categories and Vested Interests: Cultural Affiliation, Knowledge Power, and the Symbolic Control of the Past
- 11:00 April Beisaw—Knowledge, Power, and the Cultures of Repatriation
- 11:15 Desiree Martinez—The "Shoshonean Wedge" Should Only Be the Name of a Shoe: The Wedge Theory and Its Affects on Tongva History and Identity
- 11:30 Larry Zimmerman—Discussant
- 11:45 Randall McGuire—Discussant

**[182] POSTER SESSION ■ ASPECTS OF AFRICA ARCHAEOLOGY**

**Room:** Exhibit Hall 1 (AC)

**Time:** 9:00 AM–11:00 AM

**Participants:**

- 182-a Birgitta Kimura, Fiona Marshall and Connie Mulligan—A 2000 Year Old Mule on the Moroccan Coast?
- 182-b Teresa Steele, Alex Mackay, Jayson Orton and Steve Schwartz—Initial exploration of Middle and Later Stone Age archaeology in southern Namaqualand, South Africa
- 182-c Dana Rosenstein and James Feathers—Luminescence Dating of Samples from Recent Contexts in South Africa
- 182-d Anne Compton—Insights on the West African Gold Trade: Ceramics from Bono Manso
- 182-e Steve Schwartz, Alex Mackay, Jayson Orton and Teresa Steele—Preliminary Report on a Middle Stone Age Open-Air Bifacial Point Manufacturing Site in Southern Namaqualand, South Africa

**[183] POSTER SESSION ■ EAST, WEST, AND SOUTH ASIA**

**Room:** Exhibit Hall 1 (AC)

**Time:** 9:00 AM–11:00 AM

**Participants:**

- 183-a David Massey, Ayse Gürsan-Salzmann and Anne Bomalaski—Managing the Legacy Data from the University of Pennsylvania's Survey and Excavation at Tepe Hissar in North Eastern Iran (1931-2, 1976) through GIS
- 183-b Katherine Erdman—Weaving the Past and Present: Bringing a Modern Perspective to Understanding Ancient Artifacts
- 183-c Walter Crist—Beyond the Rules: An Archaeology of Board Games in the Eastern Mediterranean
- 183-d Metin Eren, Adam Durant and Christina Neudorf—An Experimental Examination of Animal Trampling in Dry and Saturated Substrates in Kurnool District, Andhra Pradesh, South India
- 183-e Rory Walsh—Morphological and Statistical Analysis of Millet Tribe Taxa in Neolithic North China

**[184] POSTER SESSION ■ EUROPE BETWEEN PALEOLITHIC AND MODERNITY**

**Room:** Exhibit Hall 1 (AC)

**Time:** 9:00 AM–11:00 AM

**Participants:**

- 184-a Kathleen Sterling and Sebastien Lacombe—The Symbolic Paleolithic Landscape: Pieces of Places and Marking Meaning
- 184-b Marjolein Bosch, Florian Fladerer, Philip Nigst and Walpurga Antl-Weiser—Bones, fire, and humans: Zooarchaeological, taphonomic, and spatial analysis of a Gravettian mammoth bone accumulation at Grub-Kranawetberg (Austria)
- 184-c Philip Nigst—Bladelet Technology in the Bohunician, Szeletian, and Early Aurignacian of the Middle Danube Region
- 184-d Telmo Pereira—The Quartzite Technology during the Portuguese Upper Paleolithic
- 184-e Lutz Kindler, Jagich Adam, Sabine Gaudzinski-Windheuser, Wil Roebroeks and Dimitri De Loecker—Site Formation Processes and Taphonomic Histories at an Eemian pond at Neumark-Nord 2 (Saxony-Anhalt, Germany)
- 184-f Susan Harris, Lynn Fisher and Corina Knipper—Changes in Chert Acquisition Strategies During the Neolithic at the Asch-Borgerhau Quarry, Southwest Germany
- 184-g Lynn Fisher, Susan Harris, Corina Knipper and Rainer Schreg—Neolithic Chert Acquisition Features on the Swabian Alb, Germany
- 184-h Anna Waterman and Robert, H. Tychot—Evidence of Dietary Variability and Breadth at Los Millares (Almería, Spain) (c. 2700-1900 BC) Based on Stable Isotope Analysis of Human Remains
- 184-i James Johnson and Bryan Hanks—Urbanism and Community in the Middle Bronze Age “Country of Towns”: Preliminary Field Results
- 184-j Laura Swantek—Archaeology in the Classroom: Mediterranean Landscape Dynamics Educational Outreach
- 184-k Rhian Stotts—Least-Cost Path and Viewshed Analysis of Copper Trade Routes in Late Bronze Age Cyprus
- 184-l Ursel Wagner, Rupert Gebhard, Werner Haeusler, Josef Riederer and Friedrich E. Wagner—A Mössbauer Study of Celtic Pottery Production in Central Europe
- 184-m William Dalzell—Lead Tesserae and the Roman Economy or How I Stopped Worrying and Learned to Love Lead Tokens
- 184-n Alexis Jordan—A Preliminary Study of Iron Age Glass in Ireland, with Particular Emphasis on the Glass Beads
- 184-o Nora Simon—The Road to Salvation: Medieval Pilgrimage to Canterbury Cathedral
- 184-p Sean Bergin, Isaac Ullah, Michael Barton, Gary Mayer and Hessam Sarjoughian—Coupled ABM-GIS Modeling of Agro-Pastoral Systems in Eastern Spain
- 184-q Alexander Woods—Quantifying Quality: Mechanical Knapping Revisited
- 184-r Michael Coughlan—What the Trees Can Tell Us: An Archaeological Approach to Agro-pastoral Forest Modification in the French Western Pyrenees

**[185] POSTER SESSION ■ NEW PERSPECTIVES ON LAND, SPACE, AND IDENTITY ALONG COASTAL IRELAND**

**Room:** Exhibit Hall 1 (AC)

**Time:** 9:00 AM–11:00 AM

**Organizer:** Ian Kuijt

**Chairs:** Ian Kuijt and Nathan Goodale

**Participants:**

- 185-a Colin Quinn, John O'Neill, Ian Kuijt, David Harrison and Benjamin Thebaudeau—

- Hunting Down Huts: Multi-Scalar Approaches to Residential Sites on Inis Airc, Co. Galway, Ireland
- 185-b Collins Tynan, Kieran Concannon, Ian Kuijt, Casey McNeill and Jillian Brems—Resurrecting the Island Way: Oral History and Life-Ways on 19/20th cent Inis Airc, Co. Galway, Ireland
- 185-c Casey McNeill, Alissa Nauman, Ian Kuijt and Nathan Goodale—The Dynamic Village: 19/20th Century Organization of InisAirc, Co. Galway, Ireland
- 185-d Ryan Lash, Ian Kuijt, John O'Neill, Eric Carlson and Michael Gibbons—Sacred and Secular Space: the Early Christian Landscape of Inis Airc, Co. Galway, Ireland
- 185-e Meagan Conway—Living on the Ridge: Understanding Streamstown Village, near Clifden, Co. Galway, Ireland
- 185-f Nathan Goodale, Maddy Gunter, Mellisa Coles, Ian Kuijt and Jim Higgins—Tracking the Dead: Early Christian Gravestone Production and Distribution
- 185-g Ian Kuijt, Alissa Nauman, Nathan Goodale, Michael Gibbons and Claire Brown—Faith on the Water: Documenting the Development Early Christian Island Settlements, Co. Galway, Ireland
- 185-h Laura Moore-Shay, Alissa Nauman, Ian Kuijt, John O'Neil and Michael Gibbons—The Iron Age Shell Middens of Omev Island, Co. Galway, Ireland

**[186] GENERAL SESSION ■ FROM THE MID PALEOLITHIC TO BRONZE AGE IN THE NEAR EAST**

**Room:** 230 (AC)

**Time:** 9:00 AM–10:45 AM

**Chair:** Michael Bisson

**Participants:**

- 9:00 Michael Bisson—The Middle Paleolithic of the Wadi Enqiqiyya, Jordan
- 9:15 Alan Simmons—The Earliest Prehistory of the Mediterranean Islands—New Developments from Cyprus
- 9:30 Danielle Macdonald—Use-wear Analysis of Microlithic Tools using Three-Dimensional Microscopy
- 9:45 Erella Hovers, Nigel Goring-Morris and Anna Belfer-Cohen—Like Chaff in the Wind: Comments on Groundstone Tool Systematics
- 10:00 Erin Rice and Adam M. Longman—New Perceptions of Near Eastern Trade and Social Interaction for the Pre-Pottery Neolithic Using GIS
- 10:15 Arkadiusz Klimowicz—Socio-cultural nature of Early Chalcolithic Phenomenon in the Central Anatolia.
- 10:30 Laura Mazow—Throwing the Baby Out with the Bathwater: Innovations in Mediterranean Textile Production at the End of the 2nd/Beginning of the 1st Millennium BCE

**[187] SYMPOSIUM ■ FROM MOUNDS TO BRICKS: ARCHAEOLOGY OF 19TH-CENTURY ST. LOUIS**

**Room:** 102 (AC)

**Time:** 9:00 AM–11:30 AM

**Organizer:** Michael Meyer

**Chairs:** Michael Meyer and Jane Lee

**Participants:**

- 9:00 Regina Meyer and Judith Deel—Preserving Jefferson Barracks: A Case Study of the Management of Military Sites
- 9:15 Michael Meyer—Industry and Innovation: Archaeological Investigations of a 19th-Century Brass Foundry

- 9:30 Brianne Greenwood, Michael Meyer and Jane Lee—Defining What's Important: Urban Archaeology in St. Louis
- 9:45 Travis Tesreau—Remote Sensing (GPR) in St. Louis
- 10:00 Timothy Baumann and Andrew Hurley—Brick by Brick: Building Sustainable Communities in St. Louis with Archaeology
- 10:15 Steve Dasovich—230 Years of Living: Front Yard and Back Yard Archaeology in St. Charles, Missouri
- 10:30 Joe Harl—Remains of 19th Century Flats and Tenements at the Cochran Gardens Site, City of St. Louis, Missouri
- 10:45 Meredith McLaughlin—Archaeological Excavations of the "Modern" Historic: Findings from the Missouri Botanical Garden, Multi Modal Site (23SL1215)
- 11:00 Jane Lee—More than Just Four Walls and a Roof: The Archaeology of Two Turn of the Century Residences from the Hyde Park Neighborhood of St. Louis, Missouri
- 11:15 Joseph Galloy and Miranda Yancey—Exploring a Late Nineteenth-Century German Neighborhood in Old North St. Louis

**[188] SYMPOSIUM ■ RECENT ARCHAEOLOGICAL INVESTIGATIONS IN SOUTHERN PERÚ: THE COLLESUYO REGION OF AREQUIPA**

**Room:** 241 (AC)

**Time:** 9:00 AM–11:45 AM

**Organizers:** Maria Lozada, Augusto Cardona and Ran Boytner

**Chair:** Maria Lozada

**Participants:**

- 9:00 Augusto Cardona and Ran Boytner—Beyond Moquegua: New Evidence of Wari and Tiwanaku Interaction in the Vitor Valley, Arequipa
- 9:15 Benajmin Nigra, Hans Barnard and Rodolfo Talavera Zuniga—Structural Patterning at Millo II in the Southern Huari Periphery
- 9:30 Maria Cecilia Lozada—Mortuary Landscapes in the Vitor Valley of Southern Peru
- 9:45 Jo Ellen Burkholder and Erika Simborth—'Late' Discoveries at Pisanay, Sihuas Valley, Department of Arequipa, Peru
- 10:00 Willy Yepez and Justin Jennings—Style and Power at La Real: Dynamic Discourse, Permeable Barriers and Cultural Convergence in Middle Horizon Arequipa
- 10:15 Robin C. Goldstein—Changing Landscapes: Politics in the Majes Basin during Wari Hegemony (550-1050 C.E.)
- 10:30 Marko Lopez—Kasapatac-Kakallinca: A Tiwanaku Site in the Middle Chile Drainage, Arequipa
- 10:45 Steven Wernke and Ericka Guerra Santander—Colonial Commonplaces: Household Archaeology at an Early Doctrinal Settlement in the Colca Valley, Peru
- 11:00 Lizette Muñoz, David Goldstein and Nilda Condori—Paleoethnobotanical Studies in the Collesuyo Region: The Case of Malata
- 11:15 Ryan Williams—Discussant
- 11:30 Charles Stanish—Discussant

**[189] GENERAL SESSION ■ RECENT RESEARCH IN SOUTH AND EAST ASIA**

**Room:** 225 (AC)

**Time:** 9:00 AM–11:45 AM

**Chair:** William Belcher

**Participants:**

- 9:00 William Belcher—Marine Subsistence at the Indus Valley Tradition site of Balakot, Pakistan



- 9:15 Benjamin Valentine, Richard Meadow and John Krigbaum—Isotopic Perspectives on Harappan Mobility: A Faunal Baseline
- 9:30 Robert Spengler—Plants in the Diet of Mobile Pastoralists: Semerich'ye, Kazakhstan, during the Bronze and Iron Age Interface
- 9:45 Erik Johannesson and Michelle Machicek—Examining Identity from Mortuary Contexts: An Assessment of Nomadic Pastoralist Communities from the Central Asian Steppes
- 10:00 Fabrizio Galeazzi and Paola Di Giuseppantonio Di Franco—The Western Han Dynasty Museum: from the 3D data collection to the 3D spatial analysis
- 10:15 Nam Kim—Terrain, Interregional Interaction, and Reciprocal Complexity in Metal Age Northern Vietnam and Southern China
- 10:30 Teresa Raczek—Chai and Collaboration: Making Agreements in Northwest India
- 10:45 Haiwang Liu, Yuqin Song, Ling-yu Hung and Tristram Kidder—Excavations at Sanyangzhuang: A Deeply Buried Han Dynasty site in Henan Province
- 11:00 Ekaterina Pechenkina and Wenquan Fan—Health Heterogeneity and Social Stratification during the Eastern Zhou
- 11:15 Randall Sasaki, Jun Kimura and Le Thi Lien—The Original Vietnam War: The Mongol Invasion of 1288
- 11:30 Namita Sugandhi—The construction and Destruction of Chatrikhera: Archaeological Conservation in Southeastern Rajasthan

**[190] GENERAL SESSION ■ ARTIFACT STUDIES: MODELING AND EXPERIMENTATION**

**Room:** 267 (AC)

**Time:** 9:00 AM–10:45 AM

**Chair:** David Hyland

**Participants:**

- 9:00 Amy Humphries—When a Rock Pile Ceases to Be a Rock Pile: A Test of the 1985 Sullivan and Rozen Study Utilizing Experimentally Created Assemblages
- 9:15 Justin Williams—Variability within Nodule Choice of Modern Flint Knappers
- 9:30 David Hyland—What Is Cordage? Terminological Obscurity in the Field of Fiber Artifact Studies
- 9:45 Cara Connolly and Nathan Martinez—Fertility Groove Marks and Cupules in the American Southwest and Northern Chihuahua Desert
- 10:00 Kathleen Hoken and Steven Hoken—Experimental Elephant Limb Bone Breakage as an Analogy for Mammoth Bone Breakage Patterns: Implications for the Early Peopling of North America
- 10:15 Scott Johnson and Grant McCall—Fire Hardened Spears: Hardwoods vs. Softwoods, Strength, & Production Studies
- 10:30 Roger Dorr—Where is the kiln? Investigating Northern Sinagua Pottery Production through Experimental Replication

**[191] ELECTRONIC SYMPOSIUM ■ LOOKING BACK, LOOKING FORWARD: SEVENTY-FIVE YEARS OF ARCHAEOLOGY IN PACIFIC CENTRAL AMERICA**

**Room:** 231 (AC)

**Time:** 9:00 AM–11:00 AM

**Organizer:** Geoffrey McCafferty

**Chair:** Ana Aguilar

**Participants:**

- Alex Geurds—Regionality and Monumental Sculpture in Pacific and Central Nicaragua
- Ana Aguilar and Elisa Fernández León—Questioning the Historical Sources from

a Linguistic and Archaeological Perspective in Lower Central America  
 Larry Steinbrenner—The Pacific Nicaragua Potting Tradition, AD 800-1350  
 Fred Lange—Looking Back, Looking Forward: Forty-Five Years of Archaeology in Greater Nicoya  
 Felipe Solis and Anayensy Herrera—Mesoamericans at the Jicaro Site, Bay of Culebra, NW, Costa Rica  
 Eugenia Ibarra—An Ethnohistorical Interpretation of the Mesoamerican Impact on the Rio San Juan and Western Central Valley of Costa Rica Surroundings in the 16th Century  
 Patricia Fernandez—Costa Rica Metallurgy: Local Productions and Social Networks Established with CR, Panamá and Nicaragua  
 Geoffrey McCafferty and Carrie Dennett—Evaluating the 'Out of Mexico' Migration Theory: New Light on the Bagaces/Sapoa Transition in Pacific Nicaragua  
 Karen Bruhns and Paul Amaroli Bertolucci—A Council House of the Acropolis at Cihuatlan, El Salvador

**[192] SYMPOSIUM ■ THE MIMBRES REGION IN THE U.S. SOUTHWEST AFTER A.D. 1130**

**Room:** 224 (AC)

**Time:** 9:00 AM–11:45 AM

**Organizers and Chairs:** Karen Schollmeyer and Steve Swanson

**Participants:**

- 9:00 Karen Schollmeyer, Steve Swanson and Margaret C. Nelson—Disentangling Archaeological Systematics in the Mimbres Region after A.D. 1130  
 9:15 Steve Swanson, Karen Gust Schollmeyer and Margaret C. Nelson—The Postclassic Period in the Eastern Mimbres Region  
 9:30 Karl Laumbach and Toni Laumbach—Post Mimbres Relationships on the Cañada Alamosa Frontier  
 9:45 William Walker—A History of Practice in New Mexico's Borderlands  
 10:00 Deborah Huntley, Jeffery Clark, Katherine Dungan, J. Brett Hil and Robert Jones—If You Flake It, They Will Come: Obsidian Circulation and Postclassic Occupations in the Upper Gila Region  
 10:15 Kari Schmidt—El Paso Phase Research in Southern New Mexico and Far West Texas  
 10:30 Will Russell—El Paso Polychrome and Site Chronology in the Postclassic Eastern Mimbres Region  
 10:45 Jeffrey Ferguson, Stephen Lekson, Margaret Nelson, Toni Laumbach and Karl Laumbach—Characterization of Carbon-Painted Ceramics from Southwestern and South Central New Mexico  
 11:00 Margaret C. Nelson—The Diverse Social Landscape of the 13th-15th Century, southwest New Mexico  
 11:15 Stephen Lekson—Discussant  
 11:30 Roger Anyon—Discussant

**[193] SYMPOSIUM ■ VECINO ARCHAEOLOGY AD 1780-PRESENT**

**Room:** 104 (AC)

**Time:** 9:00 AM–11:45 AM

**Organizers:** B. Sunday Eiselt and J. Andrew Darling

**Chair:** B. Sunday Eiselt

**Participants:**

- 9:00 B. Sunday Eiselt, Katy Pocklington and Nicola Muchnikoff—Vecino Archaeology and the Politics of Play

- 9:15 Caroline Gabe—Plaza Communities and the Vecino Household: An Archaeological Perspective
- 9:30 Kelly Lee Jenks—Vecinos en la Frontera: New Mexican Identity in the Pecos River Settlements
- 9:45 Heather Atherton and Jun Sunseri—Vecino "Status" in Two 18th-Century Border Communities
- 10:00 Albert Gonzalez—Turley's Mill: The Archaeology of Vecino Resistance
- 10:15 Heather Trigg—Politics, Trade, and 19th-century Vecino Identity: An Archaeological Examination of a Small New Mexican Ranch
- 10:30 Richard Carrillo—The Manufacture and Utilization of a Lithic and Bottle Glass Tool Technology by 19th Century Hispanic New Mexicans and their Colorado Descendants
- 10:45 Minette Church—From Carreta to Railroad: Los Vecinos in Turn of the Twentieth Century southern Colorado
- 11:00 James Brooks—Discussant
- 11:15 Charles Carrillo—Discussant
- 11:30 Ross Frank—Discussant

**[194] SYMPOSIUM ■ CONSTRUCTING AND ASSESSING EXPLANATIONS AND INTERPRETATIONS**  
**Room:** 240 (AC)  
**Time:** 9:30 AM–12:00 PM  
**Organizers and Chairs:** Jacob Deppen and Natasha Slobodina

**Participants:**

- 9:30 Lars Fogelin—Fallback Philosophy: The Worst Offense is a Perfect Defense
- 9:45 Ben Marwick—Do Model-based Explanations suit Archaeology Better than Inference to the Best Explanation?
- 10:00 Natalia Slobodina—Explaining Social Complexity in the Bering Strait Region
- 10:15 Jacob Deppen—Environment as an Explanation
- 10:30 Jason De Leon—The Migrant Material Culture Project: Studying Modern Undocumented Migration through Ethnoarchaeology and Ethnography
- 10:45 Aaron Naumann—"Uncharted" Territory: Considering the Boundary
- 11:00 Hector Neff—Framing Hypotheses that Can Be Falsified: The Role of Physical Science Techniques
- 11:15 Ben Jeffares—Models and Explanations: From General Models to Specific Accounts
- 11:30 Kayla Wopschall—Explanations in Late Quaternary Extinctions: The Inappropriate use of Analogy to Create Global Models
- 11:45 Rosemary Joyce—Discussant

**[195] SYMPOSIUM ■ INVESTIGACIONES ARQUEOLÓGICAS ACTUALES EN MÉXICO**  
**Room:** 263 (AC)  
**Time:** 9:30 AM–11:45 AM  
**Organizers:** Diana Zaragoza and Patricio Davila  
**Chair:** Diana Zaragoza

**Participants:**

- 9:30 Patricio Davila —Algunas Características Arquitectónicas de la Región Huasteca en los Siglos XV y XVI
- 9:45 Ernesto Gonzalez-Licon—Pasado y Presente de las Investigaciones Arqueológicas en Oaxaca México
- 10:00 Luis Alberto Martos—Resultados de los Recientes Trabajos en Plan de Ayutla,

- Chiapas
- 10:15 Monika Tesch—Campamentos Estacionales en la Zona Media Potosina (Noreste de México)
- 10:30 Juan Carlos Equihua and Veronique Darras—The Pottery Production in Chupicuaro, Guanajuato (Late Preclassic Period): Recent Input of the Techno-typological Analysis of the Painting Vases
- 10:45 Estela Martínez—Estudio Regional de Chalchihuites Prehispánico, Zacatecas, México
- 11:00 Guillermo Cordova—Aproximaciones al Fenómeno Urbano de Tamtoc, SLP, México
- 11:15 Diana Zaragoza —¿Tepantitla, lugar de peregrinaciones?
- 11:30 Silvia Garza, Claudia Alvarado and Mauricio Valencia—The Defensive Character of Xochicalco (A.D. 650-1100)

**[196] SYMPOSIUM ■ SHIFTING FROM OBJECT-CENTERED RESEARCH TO PEOPLE-FOCUSED APPLICATION: CURRENT APPROACHES TO PUBLIC ARCHAEOLOGY FROM LATIN AMERICA AND THE CARIBBEAN - PART I**

*(Sponsored by SAA Public Education Committee)*

**Room:** 101 (AC)

**Time:** 9:30 AM–12:00 PM

**Organizers:** Cameron Griffith and Reiko Ishihara

**Chair:** Gina Zavala

**Participants:**

- 9:30 Gina Zavala—Community Involvement in Knowledge Creation at the Ground Level in Barahona, Dominican Republic
- 9:45 Cameron Griffith—Recent Advances in Cave Management and Archaeotourism Development in Cueva Borbon (Pomier), Dominican Republic
- 10:00 Juan Rodríguez—Providing Access to "La Cultura" to Marginalized Communities in the Dominican Republic
- 10:15 Shoshaunna Parks—Public Archaeology: Ethnocentric Conservation or Equitable Promotion of Local Relationships to Heritage?
- 10:30 Maxine Oland—"These Are Not My Ancestors, but Look What I Found In My Field": Engaging with Non-Descendant Communities in Northern Belize
- 10:45 Alicia Ebbitt—"Werl Mi Haad Den, Veri Haad": Student Perspectives about History, Archaeology, and the Ancient Maya
- 11:00 Elizabeth Konwest and Stacie King—Moving Towards Public Archaeology in the Nejapa Valley of Oaxaca, Mexico
- 11:15 Giancarlo Oconitrillo and Ronald Martínez—Comunidades en la Investigación de su Pasado: Herencia Precolombina e Historia Oral en San Vicente de Nicoya
- 11:30 Marcia Bezerra—Signifying Heritage in Amazon: A Public Archaeology project at Vila de Joanes, Ilha do Marajó, Brazil
- 11:45 Stacie King—Discussant

**[197] SYMPOSIUM ■ MODELING CONTINUOUS AND DISCONTINUOUS INTENSIFICATION: IMPLICATIONS FOR SOCIOECONOMIC CHANGE**

**Room:** 106 (AC)

**Time:** 10:00 AM–12:00 PM

**Organizer:** Micah Hale

**Chair:** Adie Whitaker

**Participants:**

- 10:00 Micah Hale—The Ideal Free Distribution and Discontinuous Socioeconomic Shifts
- 10:15 Loukas Barton—Disaster and density-dependent habitat selection in southwest

- Alaska
- 10:30 Brendan Culleton, Douglas Kennett, Bruce Winterhalder and Cedric Puleston—The Ideal Free/Despotic Distributions, Social Network Theory and Intensification in the Ancient Maya Dual Economy
- 10:45 Adie Whitaker and Jeffrey Rosenthal—What Turned the Tide? Late Prehistoric Shifts to Energy Maximizing Economies in the Mountains and Rugged Coastline of California
- 11:00 Robert Bettinger—Technological Investment and Intensification
- 11:15 Peter Richerson, Charles Efferson and Robert Boyd—Using a Lotka-Volterra Approach to Modeling Socioeconomic Change
- 11:30 Ben Fitzhugh—Under the Hood of Intensification: Towards a More Useful Construct
- 11:45 Doug Kennett—Discussant

**[198] SYMPOSIUM ■ PERSPECTIVES ON THE ETHICAL ENGAGEMENT OF INDIGENOUS PEOPLES IN ARCHAEOLOGICAL PRACTICE**

*(Sponsored by Indigenous Peoples Interest Group)*

**Room:** 229 (AC)

**Time:** 11:00 AM–11:45 AM

**Organizer:** Kerry Thompson

**Chair:** Kacy Hollenback

**Participants:**

- 11:00 Kacy Hollenback, Christopher Roos and Maria Nieves Zedeno—Climate Change, Applied Historical Ecology, and Traditional Ecological Knowledge: The Ethical Issues Surrounding Collaborative Research and Co-Management
- 11:15 John Welch, Dana Lepofsky and Michelle Washington (Siemthlut)—Assessing Collaboration in a Community-Based Heritage Stewardship Program in British Columbia
- 11:30 Des Kahotea—Archaeology and Maori Knowledge

**[199] SYMPOSIUM ■ RITUAL, RELIGION, AND IDEOLOGY OF THE AZTATLÁN TRADITION OF ANCIENT WEST MEXICO**

**Room:** 226 (AC)

**Time:** 11:00 AM–12:00 PM

**Organizers and Chairs:** Michael Mathiowetz and Michael Ohnersorgen

**Participants:**

- 11:00 John Carpenter and Guadalupe Sanchez—Interaction and Integration on the Aztatlan Frontier in Northern Sinaloa
- 11:15 Michael Ohnersorgen, Michael Mathiowetz, Mauricio Garduno Ambriz and Enrique Soruco Saenz—Solar Ceremonialism and Human Sacrifice: The Aztatlán Tradition at Chacalilla, Nayarit
- 11:30 Michael Searcy—Contextual Variation of Mesoamerican Iconography in the Southwest
- 11:45 Michael Mathiowetz—The Aroma and Nectar of Flowers: Floral Symbolism in the Art and Ritual of the Aztatlán Tradition of Ancient West Mexico

## Saturday Afternoon ■ April 17, 2010

### [200] POSTER SESSION ■ CLAY, ROCKS, AND MINERALS: CURRENT RESEARCH IN THE AMERICAN SOUTHWEST

**Room:** Exhibit Hall 1 (AC)

**Time:** 12:30 PM–2:30 PM

#### Participants:

- 200-a Ann Ramenofsky and Adam Okun—OHD and Glaze-Paint Ceramics: Multiple Chronologies, One Solution
- 200-b Margaret Beck—Current Investigations at the Scott County Pueblo (14SC1)
- 200-c Christopher Garraty—Social Identity and Political Competition in a Culturally Diverse Landscape: Decorated Pottery from the Mescal Wash Site, Southeastern Arizona
- 200-d Kari Schleher and Marit Munson—Ceramics and Rock Art in the Northern Rio Grande: A Comparison of Design
- 200-e Matt Peeples—Social Boundaries and Ceramic Technology across the Cibola Region: AD 1150-1325
- 200-f Meaghan Trowbridge, Jeffery J. Clark, Wm. Randall Haas, Jr., Deborah L. Huntley and Barbara J. Mills—A Social Network Approach to Macroregional Ceramic Distributions in the Greater Southwest
- 200-g Sophia Asbury—Rim Arcs of Cibola: Feasting on the Pueblo/Mogollon Interface
- 200-h Lauren O'Brien, Albert Gonzalez and Brooke M. Morgan—Make it Hot, Hot, Hot: Experiments in Thermal Efficiency of Micaceous Clay Cookware
- 200-i Katherine Brooks—Determining Variation in Mogollon Ceramic Vessel Use in Southwestern New Mexico Through Fourier Transform Infrared Spectroscopic (FT-IR) Analysis
- 200-j Michael Perry and Donna Glowacki—Developing Methods for the Application of PIXE Analysis on Mesa Verde Black-on-white Paints at Aztec Ruin, New Mexico
- 200-k Charles Speer—Understanding the Effects of Heat Treatment in Edward's Plateau Chert
- 200-l Chris Oswald, Jeffrey Ferguson, Todd VanPool and Christine VanPool—Obsidian Source Use on the Northern Casas Grandes Frontier
- 200-m Harry Lerner—Raw Material Intra-Type Variability as a Factor in Use-wear Formation: An Example From the Late Archaic of Northwestern New Mexico
- 200-n Cynthia Hotujec—Mineralogical and Compositional Analysis of Geologic Sources for Cultural Turquoise in New Mexico
- 200-o Eva Jensen and Mark Slaughter—Back to the Old Salt Mines

### [201] POSTER SESSION ■ NEW PERSPECTIVES IN CARIBBEAN ARCHAEOLOGY

**Room:** Exhibit Hall 1 (AC)

**Time:** 12:30 PM–2:30 PM

#### Participants:

- 201-a Fraser Neiman and Jillian Galle—Comparative Advantage, Internal Markets, and their Archaeological Consequences in Caribbean Slave Societies
- 201-b Jillian Galle, Fraser Neiman, Leslie Cooper and Ivor Conolley—Identifying Change in Household- and Specialist-Produced Coarse Earthenwares from 18th and Early-19th Century Jamaican Slave Villages
- 201-c Lynsey Bates—GIS-based Analysis of Provision Grounds on Jamaican Sugar Plantations

- 201-d Emily Benz, John Jones and Colin Grier—A Statistical Approach to Pollen: Quantifying Environmental Change on Grenada  
201-e Isaac Shearn—The Archaeology of Dominica: Using GIS to Create a Unique Predictive Model

**[202] POSTER SESSION ■ NICARAGUAN ARCHAEOLOGY**

**Room:** Exhibit Hall 1 (AC)

**Time:** 12:30 PM–2:30 PM

**Organizer and Chair:** Jennifer Lapp

**Participants:**

- 202-a Jennifer Lapp—Proyecto La Flor  
202-b Carrie L. Dennett and Steve Simpson—Tools of the Trade: Microbotanical Trace Analyses of Ground Stone Tools from El Rayo, Pacific Nicaragua  
202-c Brett Watson—Technological Change In The Bagaces - Sapoa Transition, El Rayo, Nicaragua  
202-d Sharisse McCafferty and Geoffrey McCafferty—Mortuary Practices at Locus 1, El Rayo, Nicaragua

**[203] POSTER SESSION ■ RECENT ARCHAEOLOGICAL RESEARCH IN NORTHWESTERN NORTH AMERICA**

**Room:** Exhibit Hall 1 (AC)

**Time:** 12:30 PM–2:30 PM

**Participants:**

- 203-a Kenneth Ames and Cameron Smith—Ground Stone, Metallurgy and Embedded Specialization on the Southern Northwest Coast  
203-b Adam Rorabaugh—Investigating the Cultural Transmission and Variation of Barbed Bone and Antler Technologies in the Gulf of Georgia, Northwest North America  
203-c Colin Grier and Patrick Dolan—Human Settlement, Coastal Landforms, and Later Holocene Sea Level Change in southwestern British Columbia  
203-d Kelly Derr—Human? Nature? or Both?: The Role of Local Fire on Valdes Island, British Columbia  
203-e William Gardner-O'Kearny—Hearth Variability at Lower Columbia River Villages  
203-f Susan Lukowski and Colin Grier—Investigating Patterns of Resource Consumption in a Northwest Coast Plankhouse  
203-g Dennis Lewarch, Stephanie E. Trudel and Leonard A. Forsman—The Suquamish Tribe Cultural Resources Sensitivity Model of Kitsap County, Washington: A Culturally-Informed Planning Tool  
203-h Jordan Eng and Ryan Sagarbarria—"Pilevenience"—Salvaging Data from A Middle Period Site in the Interior Plateau of British Columbia  
203-i Erin McIlraith—Talking to the Dead: Using Correspondence Analysis to Understand Gender, Age, and Time at the Greenville Burial Ground, BC  
203-j Holly Shea—Projectile Point Typologies on the Columbia Plateau and the Archaeology of the Grissom Site in Kittitas County, Washington  
203-k Ryan Sagarbarria—New Perspectives on Slingshot Stones: Persuasive Evidence of Sling Projectiles in the Pitt Polder of British Columbia  
203-l Dongya Yang, Camilla F. Speller and Anna Prentiss—Ancient DNA analysis of canine bones and coprolites from the Bridge River Site, British Columbia  
203-m Elizabeth Sobel—Contact-Period Shifts in Native Exchange Systems: Obsidian Evidence from the Southern Northwest Coast of North America  
203-n Rose Campbell—Corset Stays and Tea Sets: The Archaeology of Women and Children in the American Mining West

**[204] POSTER SESSION ■ THE USE, ABUSE, AND LACK OF ARCHAEOLOGY IN HERITAGE TOURISM AND DEVELOPMENT IN THE BAY ISLANDS OF HONDURAS**

**Room:** Exhibit Hall 1 (AC)

**Time:** 12:30 PM–2:30 PM

**Organizers:** Alejandro Figueroa, Whitney Goodwin and Christian Wells

**Chairs:** Alejandro Figueroa and Whitney Goodwin

**Participants:**

- 204-a Alejandro Figueroa—The Clash of Heritage and Development in the Island of Roatán, Honduras
- 204-b Whitney Goodwin—Indigenous Populations of the Island of Roatán, Honduras and Their Mainland Neighbors: Implications for the Future of Heritage Tourism on the Bay Islands
- 204-c Lorena Mihok—Consequences of Contact in the Bay Islands
- 204-d Chelsea Fisher—Resorting to the Resort: A Museum's Relationship With the Archaeology of Roatán Island, Honduras
- 204-e Sarah Klassen—El Antigual: A Test of Surface Collection Methods

**[205] GENERAL SESSION ■ EUROPEAN PALEOLITHIC INVESTIGATIONS**

**Room:** 106 (AC)

**Time:** 1:00 PM–2:30 PM

**Chair:** Paul Thacker

**Participants:**

- 1:00 Miriam Belmaker and Sabrina Curran—Paleolocomotion and Paleodietary Studies of the Cervid Guild in the Lower Paleolithic site of 'Ubeidiya, Israel: Implications of Early Homo Landscape use in Mid Latitudes
- 1:15 April Nowell and Melanie Chang—Pornography is in the Eye of the Beholder: Presentism and the Interpretation of Upper Paleolithic Figures
- 1:30 Paul Thacker—Local Stone Resource Availability and the Evolution of Middle and Upper Paleolithic Raw Material Economies
- 1:45 Alexandra Miller, Arturo Lombera Hermida, Ramón Fábregas Valcarce and C. Michael Barton—A New View of the Paleolithic Settlement of the Galician Hinterland, Spain
- 2:00 Jordi Serangeli, Utz Böhner and Nicholas Conard—The Digging of the DB Pillar in Schoeningen—Lower Saxony, Germany
- 2:15 Stephen Lycett—Stone Tools and Hominin Dispersal: A Cladistic Analysis of Acheulean Handaxes

**[206] GENERAL SESSION ■ RECENT RESEARCH IN OCEANIA**

**Room:** 224 (AC)

**Time:** 1:00 PM–2:30 PM

**Chair:** Terry Hunt

**Participants:**

- 1:00 Jennifer Kahn, Christophe Sand, André Outecho, Jaques Bolé and David Baret—Coastal Settlement, Interior House Mounds, and Chronological Histories of Gouaro Deva, New Caledonia
- 1:15 Ethan Cochrane and Alexander Morrison—The Demise of Lapita: An Evaluation from Fiji
- 1:30 Scarlett Chiu, Yi-lin Chen, Jiunn-Hsing Chao, William R. Dickinson and Christophe Sand—Characterizing Geochemical Compositions of New Caledonian Lapita



- Pottery via Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)  
1:45 Paul Roscoe—The Conditions for Cannibalism  
2:00 Rhonda Quinn, Sharyn Jones and Susan C. Antón—Detecting Cannibalism with Stable Isotopes?  
2:15 Terry Hunt—Late and Rapid Colonization of East Polynesia

**[207] GENERAL SESSION ■ SETTLEMENT, SUBSISTENCE, AND SOCIAL CONTEXTS IN THE PACIFIC NORTHWEST**

**Room:** 102 (AC)

**Time:** 1:00 PM–2:45 PM

**Chair:** R. Lyman

**Participants:**

- 1:00 H Cooper and Nicholas Waber—Prehistoric Copper on the Northwest Coast  
1:15 R. Lyman—Taphonomy, Pathology, and Paleoecology of the "Big Elk" from Terminal Pleistocene Sediments at Marmes Rockshelter (45FR50)  
1:30 Alexander Stevenson—The Material Expression of Risk Sensitive Foraging Strategies  
1:45 Amanda Taylor, Julie Stein and Stephanie Jolivet—Shell Midden Research and Prehistoric Coastal Settlement Patterns in the San Juan Islands, Washington  
2:00 Brent Hicks and Kevin Lyons—Archaeological Testing Results and the Latest Prehistoric Period in the Lower Pend Oreille Valley, Northeastern Washington  
2:15 Kevin Lyons—An Analysis of Kalispel Ethno-historic Village Catchments in the Lower Pend Oreille Valley, Northeastern Washington  
2:30 Quentin Mackie—Artifactual Intelligence: Stigmergy, Material Culture and Emergence in Archaeology

**[208] FORUM ■ CRITIQUING MICHAEL B. SCHIFFER AND HIS BEHAVIORAL ARCHAEOLOGY**

**Room:** 221 (AC)

**Time:** 1:00 PM–3:00 PM

**Organizers:** James Skibo and J. Jefferson Reid

**Chair:** James Skibo

**Participants:**

- Michael O'Brien—Discussant  
Stephen Plog—Discussant  
Diane Gifford-Gonzalez—Discussant  
Robert Kelly—Discussant  
Jeremy Sabloff—Discussant  
Linda Cordell—Discussant  
Michael Schiffer—Discussant

**[209] FORUM ■ FOOTPRINTS OF THE ANCESTORS: INTERGENERATIONAL LEARNING OF HOPI HISTORY AND CULTURE**

**Room:** 261 (AC)

**Time:** 1:00 PM–3:00 PM

**Organizers:** George Gumerman and Joelle Clark

**Chair:** Joelle Clark

**Participants:**

- Joelle Clark—Discussant  
George Gumerman—Discussant

**[210] SYMPOSIUM ■ CLOVIS CACHES: WINDOWS INTO EARLY PALEOINDIAN TECHNOLOGICAL ORGANIZATION AND LAND USE**

**Room:** 229 (AC)

**Time:** 1:00 PM–3:15 PM

**Organizers:** Bruce Huckell and David Kilby

**Chair:** David Kilby

**Participants:**

- 1:00 Bruce Huckell and David Kilby—But How Do We Know It's Clovis? Perspectives from North Dakota on the Attribution of Caches
- 1:15 Mark Muniz and Steven Holen—The CW Cache: Can Production Strategies Identify Clovis Flintknappers?
- 1:30 Robert Lassen—Caches and Their Implications for Clovis in the Southeast
- 1:45 Jon C. Lohse, C. Andrew Hemmings and Michael B. Collins—Putting the Specialization Back in Clovis: What Some Caches Reveal about Skill and the Organization of Production in the Terminal Pleistocene
- 2:00 C. Andrew Hemmings, Jon Lohse and Michael Collins—The Hogeye Cache, Bastrop County, Texas: A Snapshot of Clovis Technology
- 2:15 Leland Bement and Cody Kiker—Construction and Destruction of the JS Clovis Cache, Oklahoma Panhandle
- 2:30 Matthew Hill, Thomas J. Loebel and David W. May—The Carlisle Clovis Cache from Central Iowa
- 2:45 Paul Santarone—New Insights into the Simon Cache, Idaho
- 3:00 David Kilby—Toward Understanding the Functions of Clovis Caches

**[211] SYMPOSIUM ■ NEW DISCUSSIONS ON SOUTHERN NEVADA ARCHAEOLOGY**

**Room:** 104 (AC)

**Time:** 1:00 PM–3:15 PM

**Organizers:** Patti Wright and Mark Boatwright

**Chair:** Mark Boatwright

**Participants:**

- 1:00 Kevin Rafferty—The Valley of Fire in Southern Nevada Prehistory
- 1:15 Susan Edwards, Maureen L. King, Scott D. Ferguson, Cheryl M. Martin and Carol Shimer—The Density Dilemma: The Challenge of Defining, Interpreting, and Managing Diffuse Lithic Scatters in the southern Great Basin
- 1:30 Mark Slaughter, Laureen Perry, Pat Hicks and Renee Kolvet—Site Visibility along the Lower Colorado River
- 1:45 Laureen Perry—Connections Across the River Mountains: From the Colorado River
- 2:00 Angus Quinlan—Southern Nevada Rock Art as Symbolic Culture
- 2:15 Amy Gilreath—Rock Art at Pahrnagat, Nevada
- 2:30 Tiffany Thomas—Maize in the Mojave: A look at Agriculture in the Mojave Sink
- 2:45 Mark Boatwright and Andreas Charest—Prehistoric Paiute Use of Yucca in Southern Nevada
- 3:00 Catherine Fowler—Discussant

**[212] SYMPOSIUM ■ SHIFTING FROM OBJECT-CENTERED RESEARCH TO PEOPLE-FOCUSED APPLICATION: CURRENT APPROACHES TO PUBLIC ARCHAEOLOGY FROM LATIN AMERICA AND THE CARIBBEAN - PART II**

**Room:** 101 (AC)

**Time:** 1:00 PM–3:15 PM

**Organizers:** Reiko Ishihara and Cameron Griffith

**Chair:** Jeffrey Glover

**Participants:**

- 1:00 Reiko Ishihara and Pakal Balam—From Relic to Artifact to Educational Tool: Developing Educational Modules and Building a Local Museum in Tecpan, Chimaltenango, Guatemala
- 1:15 Jeffrey Glover, Dominique Rissolo and Jennifer Mathews—The Costa Escondida Project: Archaeology and Community Engagement along Quintana Roo's North Coast
- 1:30 Luis Fernando Luin, Arthur A. Demarest and Brent Savoie—Maya Archaeology as an Instrument of Regional Education, Empowerment and Indigenous Development: Taking it to a Higher Level
- 1:45 Fernando Armstrong-Fumero—When Does it Stop Being Heritage?: Pre-Hispanic Ruins and Contemporary Vernacular Architecture in Yucatán, Mexico
- 2:00 Julio Cesar Hoil Gutierrez—Cenotes: Biocultural Patrimony of the Maya at the Crossroads between Abandonment and Tourist Sites
- 2:15 Lilia Lizama Aranda, Julio Cesar Hoil Gutiérrez and Harlen Tzuc Salinas—Exposing Tangible Heritage in Correlation with a System of Values and Concepts within Mexican Archaeologies
- 2:30 Quetzil Castañeda—Constructing the Past, Making History: Notes on the Lived Historical Value of Archaeology and the Significance of Autoethnographic Documentation of Archaeological Projects
- 2:45 Joel Zovar—Mallkus, Monoliths, and Museums: Developing a Cultural Resource Center in the Bolivian Altiplano
- 3:00 Patricia McAnany—Discussant

**[213] GENERAL SESSION ■ SUBSISTENCE, RITUAL, AND SOCIAL ORGANIZATION IN THE DESERT SOUTHWEST**

**Room:** 240 (AC)

**Time:** 1:00 PM–2:45 PM

**Chair:** Ronald Towner

**Participants:**

- 1:00 Jacob Fisher—Processing and Consumption of Rabbits at Antelope Cave, Arizona
- 1:15 Jakob Sedig—The Function of Projectile Points: Uses Outside of the Realm of Hunting and War
- 1:30 Ronald Towner and Stacy Galassini—Cambium-Peeled Trees in the Zuni Mountains, New Mexico
- 1:45 Larry Baker and Brooks M. Marshall—The Anatomy of an Ancient Observatory at Salmon Pueblo
- 2:00 Michael Stowe—Preliminary Evidence for Ballgaming in the Jornada: Stone Balls from Fort Bliss and Beyond...
- 2:15 Jonathan Damp—Daily Practice and Early Southwest Domestic Space
- 2:30 Melanie Medeiros—Performance Theory and the Archaeological Record: Theorizing Hohokam Feasts

**[214] SYMPOSIUM ■ CURRENT RESEARCH ON ISOTOPIC ANALYSES IN ARCHAEOLOGY AND ZOOARCHAEOLOGY**

**Room:** 231 (AC)

**Time:** 1:00 PM–4:00 PM

**Organizer and Chair:** Christina Waskiewicz Pugh

**Participants:**

- 1:00 Stanley Ambrose, Elizabeth Arnold and Aimee Carbaugh—Identifying Birth Seasonality in Masai Sheep and Goats with Tooth Enamel Oxygen Isotopes
- 1:15 Abigail Smith—Archaeological Population Origins, As Revealed by Isotopic Analysis
- 1:30 David Meiggs and Benjamin Arbuckle—Where Shepherds Roam: Tracing Changes in Pastoral Management at Kösk Höyük, Central Turkey
- 1:45 James Burton and T. Douglas Price—Multiple Isotope Systems In Determining Human Mobility
- 2:00 Yu Dong, Stanley Ambrose, Honghai Chen, Yaping Cui and Yaowu Hu—Paleodietary Reconstruction at Late Neolithic Zongri Site, Western China
- 2:15 John Krigbaum, Bryan D. Tucker and Lindsay Lloyd-Smith—Isotopic inferences of Holocene Diet and Seasonality at Niah Cave (Sarawak, East Malaysia)
- 2:30 Gypsy Price, John Krigbaum and Paul Thacker—Inferring Sociopolitics Using Faunal Stable Isotope Data from the Late Woodland Donnaha Site
- 2:45 Chris Widga—Paleoecology of the Pleistocene Extinctions: Stable isotopes and Landscape-Use of Mammoths, Mastodons, and Bison
- 3:00 Colin Betts and Stanley Ambrose—Spatial, Temporal, and Seasonal Sources of Isotopic Variability in Plains Bison
- 3:15 Christina Waskiewicz Pugh and Stanley Ambrose—Turkey Management and Bison Trade at T'aitōna (Pot Creek Pueblo)
- 3:30 Kristin Hedman—Mississippian Diet—Stable Isotope Evidence for Dietary Variation in the American Bottom
- 3:45 Stanley Ambrose—Discussant

**[215] SYMPOSIUM ■ THE CENTER FOR AMERICAN ARCHEOLOGY (CAA): CURRENT RESEARCH AND EDUCATION**

**Room:** 226 (AC)

**Time:** 1:00 PM–4:00 PM

**Organizers:** Timothy Messner and Greg Vogel

**Chair:** Timothy Messner

**Participants:**

- 1:00 Dick Brugam, Luci Kohn, Matthew Wilson and Donald Goss—Paleolimnology at the Mound House and Koster Sites
- 1:15 Gail Anderson—Rocky Fork, a Rural Free Black Underground Railroad Community in Southwestern Illinois
- 1:30 Gregory Vogel—The Utility of Historical Sources in Reconstructing Prehistoric Environments and Site Use
- 1:45 Jason L. King and Jane E. Buikstra—Liturgic Sequences and Variability in Middle Woodland Floodplain Mounds
- 2:00 Katie Rudolph, Jane E. Buikstra and Douglas K. Charles—Structure and Renewal at the Mound House Site in Greene County, Illinois
- 2:15 Michelle Berg-Vogel, James Powers and Gregory Vogel—Picturing Change: Documenting Environments and Culture of the Lower Illinois River Valley Through Historic Images
- 2:30 Mary Ann Vicari—Investigating Environmental Change and Population Movement

- at the Archaic/Woodland Transition in the Lower Illinois Valley
- 2:45 Nancy Asch Sidell and David Asch—Early Archaic Archaeobotany of the Koster Site, Illinois
- 3:00 Timothy Messner—Ground-Up Grains: Middle Holocene Plant Processing in the Lower Illinois River Valley
- 3:15 Mary E Pirkel, Carey E Tisdal and Beth Shea—Evaluating Archeological Education: A Case Study from Kampsville
- 3:30 Bruce Smith—Discussant
- 3:45 Stuart Struever—Discussant

**[216] SYMPOSIUM ■ UNDERSTANDING THE USES OF GROUND STONE TOOLS: NEW DIRECTIONS AND DEVELOPMENTS**

**Room:** 230 (AC)

**Time:** 1:00 PM–3:45 PM

**Organizers and Chairs:** Margie Burton and Tammy Buonasera

**Participants:**

- 1:00 Yorke Rowan—Discussant
- 1:15 Margie Burton—Understanding Hunter-Gatherer Grinding Technology through Experimentation
- 1:30 Liye Xie—The Use-life of Groundstone Axes at Erlitou, an Early Bronze Age Site in Central China
- 1:45 Laure Dubreuil and Hughes Plisson—Use-wear Approaches to Ground Stone Tools: Developing the High Magnification Analysis of Objects with a Metallographic Microscope
- 2:00 Haris Procopiou—Grinding Tools in Bronze Age Crete: Raw Material, Manufacture, and Use
- 2:15 Jennie Ebeling—The More They Stay the Same: Use of the Bible and Palestinian Ethnography in the Study of Ground Stone Tool Use in the Bronze and Iron Age Southern Levant
- 2:30 Joan S. Schneider—Testing the Assumptions about Bedrock Processing Features: What have we Learned from Residue Analyses?
- 2:45 Tammy Buonasera—Preservation, Detection and Interpretation of Ancient Lipids in Ground Stone Materials
- 3:00 Valentine Roux and Haris Procopiou—Arkeotek Publications: Improving the Process of Accumulating Knowledge
- 3:15 Sarah Whitcher Kansa and Eric Kansa—Of Glass Houses and Ground Stone: Open Data and Ground Stone Analyses
- 3:30 Jenny Adams—Discussant

**[217] GENERAL SESSION ■ WOODLAND AND MISSISSIPPIAN PERIOD RESEARCH IN THE SOUTHEASTERN US**

**Room:** 242 (AC)

**Time:** 1:00 PM–4:00 PM

**Chair:** Ann Cordell

**Participants:**

- 1:00 Ann Cordell and Thomas Pluckhahn—Paste Characterization of Weeden Island Pottery from Kolomoki, Georgia
- 1:15 Jennifer Malpiedi, Heather A. Lapham and Heather Millis—Fishing Along the Outer Banks: Ichthyofauna from the Broad Reach Site
- 1:30 J. Gilliland—Excavations at the Copperhead site (3CW951), an Open-Air site in

- Northwest Arkansas
- 1:45 Michael Moore and Kevin Smith—Archaeological Explorations of the Peabody Museum in Middle Tennessee, 1877-1884
- 2:00 Marisa Fontana—Of Walls and War: Fortification and Warfare in the Mississippian Southeast
- 2:15 Chad Thomas—Performance in Everyday Experience
- 2:30 Jamie Lockhart, Juliet Morrow and Shaun McGaha—Archaeogeophysical surveying at the Prehistoric Old Town Ridge Site (3CG41) in Northeastern Arkansas
- 2:45 Jayur Mehta, Rachel Stout Evans, Kelsey Lowe, Jay Johnson and John Connaway—An Epic Flood and the Genesis of a Monumental Mound Center: Geomorphological Investigations at the Carson Mounds Site (22CO505), Coahoma County, Mississippi
- 3:00 Annie Way—Mound Mad: New Insights into the Sociopolitics of Settlement in the Late Prehistoric Lower Yazoo Basin
- 3:15 Laura Kozuch, Stephanie Daniels and Mike Lewis—The Unknown Cahokia Collections
- 3:30 Matthew Sanger—Vacant Quarters and Rising Tides: Visible Shifts in the Relational Landscape along the Georgia Coast (USA)
- 3:45 Brian Butler—Chert Sources and Hierarchy: Mississippian Chert Usage at Kincaid and its Surrounding Settlements

**[218] SYMPOSIUM ■ AMONG THE MAYA AND THEIR NEIGHBORS: PAPERS IN HONOR OF E. WYLLYS ANDREWS V, PART II**

**Room:** 228 (AC)

**Time:** 1:00 PM–3:45 PM

**Organizer and Chair:** Winifred Creamer

**Participants:**

- 1:00 Kathryn Sampeck—Ancient Quelepa, Colonial San Miguel: Waxing and Waning of Eastern El Salvador's External Connections
- 1:15 Robert Sharer—The Middle East is a Long Way Away: Working with Will in El Salvador in the 1960s
- 1:30 Markus Eberl—Real/Fictive Lords/Vessels. A List of M.A.R.I. Lords on the Newly Discovered Andrews Coffee Mug
- 1:45 Eugenia Robinson—The Other Late Classic Maya: Regionalization and Defense in the Guatemalan Highlands
- 2:00 Nina Neivens de Estrada—Early Lowland Maya Ceramics: The Material from Holmul, Peten, Guatemala
- 2:15 Jenn Braswell—The Creation and Destruction of Structure D-7 at Xunantunich, Belize
- 2:30 Cassandra Bill—A Ceramic Perspective on the Culture History of Copán
- 2:45 Jim Aimers—Stockholm Syndrome and Maya Archaeology
- 3:00 Arthur Demarest—Morphing into Merchants?: The Aborted Early Transition to the Terminal Classic in the Southwestern Peten
- 3:15 Wendy Ashmore—Just the Facts, Ma'am
- 3:30 Robert Sharer—Discussant

**[219] GENERAL SESSION ■ ARCHAEOLOGY OF THE HISTORIC PERIOD: NORTHEAST, SOUTHEAST AND MIDWEST**

**Room:** 232 (AC)

**Time:** 1:00 PM–4:00 PM

**Chair:** Janet Rafferty

**Participants:**

- 1:00 Michael Strezewski and Robert McCullough—Investigations at Fort Ouiatenon and Kethippecanunk, Two Fur-Trade Era Sites in Tippecanoe County, Indiana
- 1:15 Robert Sasso, Dan Joyce and James R. Yingst—The History and Archaeology of the Vieau Site (47Ra90), an Early Nineteenth Century Fur Trade Post in Racine County, Wisconsin
- 1:30 Gregory Walz, Christopher Flynn and Michael Smith—Recent Research at Fort Sully (14LV165), a Civil War Fortification Constructed to Defend Fort Leavenworth from Confederate Attack, Leavenworth County, Kansas
- 1:45 Mark Branstner—Hog Capital of the Nation: The Rise and Fall of the East St. Louis Stockyards
- 2:00 Cailin Meyer—Land Value and the Formation of the Planter Class in Fayette County, Tennessee
- 2:15 Bryan Kendall—From Woodland Rockshelters to the New Deal: Archaeology of Lost Canyon Wildlife Management Area, Northeast Iowa
- 2:30 Janet Rafferty—Protohistoric to Historic in a Part of the Choctaw Homeland: Settlement Continuity or Replacement?
- 2:45 Sarah Miller, Amber Grafft-Weiss and Richard Estabrook—Three Cemeteries and a Funeral: Preliminary Results of GPR Testing at the Huguenot, Tolomato, and National Cemeteries in St. Augustine, Florida
- 3:00 Scott Stull—Houses and Identity on New York's Colonial Frontier
- 3:15 Amanda Crompton—The Finest Beach: The Changing Landscape at a French Fisheries Colony in Plaisance, Newfoundland, Canada (1662-1713)
- 3:30 Samuel Avery-Quinn—Seeking the Tents of Zion: Landscape and Performance in an Archaeology of Camp-Meeting Revivalism
- 3:45 Michelle Lelievre—Before, During and After the Mission: Results from The Maligomish Archaeology Project's 2007-08 Field Season

**[220] SYMPOSIUM ■ COMBAT IN THE GRASS: DIVERSE PLANS OF ATTACK FOR WARFARE STUDIES OF THE NORTH AMERICAN GREAT PLAINS, PART 2**

**Room:** 223 (AC)

**Time:** 1:00 PM–3:00 PM

**Organizer and Chair:** Linea Sundstrom

**Participants:**

- 1:00 Andrew Clark—Landscapes of War: Topography and Conflict in the Middle Missouri
- 1:15 Douglas Bamforth—What Do We Know About Warfare on the Great Plains?
- 1:30 Mark Mitchell—Modeling Middle Missouri Warfare
- 1:45 Peter Bleed and Douglas Scott—A Contested Terrain: Archeological Reflections of the North Platte Campaign of February 1865
- 2:00 Susan Vehik—Conflict and Fortification on the Southern Plains
- 2:15 Melissa Greer and Linea Sundstrom—Coup Counts and Corn Caches: Contact-Era Plains Indian Accounts of Warfare
- 2:30 W Raymond Wood—Discussant
- 2:45 Elizabeth Arkush—Discussant

**[221] SYMPOSIUM ■ OBSIDIAN REFLECTIONS: EXAMINING THE SYMBOLIC AND RITUAL DIMENSIONS OF OBSIDIAN FOR INTERPRETING THE ARCHAEOLOGICAL RECORD OF ANCIENT MESOAMERICA**

**Room:** 103 (AC)

**Time:** 1:00 PM–4:15 PM

**Organizers and Chairs:** Marc Levine and David Carballo

**Participants:**

- 1:00 Kazuo Aoyama—Symbolic and Ritual Dimensions of Preclassic and Classic Maya Obsidian
- 1:15 Linda Brown—The Meanings and Uses of Obsidian Collected by Contemporary Maya Ritual Practitioners
- 1:30 Robert Cobean—Symbolic Aspects of Epiclassic Obsidian Offerings in the Region of Tula, Hidalgo, Mexico
- 1:45 Veronique Darras—Ritual and Trivial Uses of Obsidian: The Symbolic Dimensions of Blades among the Tarascans
- 2:00 Dan Healan—Obsidian Bifaces Seen from Both Sides
- 2:15 Zachary Hruby—The Multivalent Symbolic Elements of the Production and Use of Obsidian Goods in Classic Maya Society
- 2:30 Marc Levine—Examining the Symbolic Dimensions of Obsidian Exchange in Postclassic Oaxaca, Mexico
- 2:45 John Monaghan—The Rain, Lightning Bolts and Obsidian Blades: The Machete in Contemporary Mixtec Culture
- 3:00 Alejandro Pastrana—La Obsidiana en el Mundo Prehispánico Mesoamericano
- 3:15 Mari C. Serra Puche, J. Carlos Lazcano Arce and Mónica Blanco—Obsidian and rituals at Xochitecatl-Cacaxtla, Tlaxcala
- 3:30 David Carballo and Alejandra Gómez Cortés—Obsidian Symbolism in a Temple Offering from La Laguna, Tlaxcala
- 3:45 W. James Stemp and Jaime Awe—From a Land Down Under: Ritual Use of Obsidian in Maya Caves in Belize
- 4:00 John Clark—Discussant

**[222] SYMPOSIUM ■ CARAVANNING ACROSS THE AMERICAS: RESEARCH INSPIRED BY THE WORK AND MENTORSHIP OF DAVID L. BROWMAN**

**Room:** 227 (AC)

**Time:** 1:00 PM–4:30 PM

**Organizers:** Maria Bruno and José Capriles

**Chairs:** José Capriles and Maria Bruno

**Participants:**

- 1:00 Maria Bruno and José Capriles—David L. Browman and the Study of Prehistoric Economies of the Lake Titicaca Basin (Bolivia/Peru)
- 1:15 Katherine Moore—Economy and Ecology of Bone Tools at Chiripa
- 1:30 Matthew Bandy—Titicaca Basin Archaeolinguistics and Farming/Language Micro-Dispersals
- 1:45 Arik Ohnstad and John Janusek—The Chronology and Iconography of the Stone Stelae of the Titicaca Basin Formative
- 2:00 Clark Erickson—Historical Ecology of Totora Reeds in Lake Titicaca
- 2:15 Nicholas Tripcevich—Onward to Apurímac: A Llama Caravan Journey in Southern Peru
- 2:30 Benjamin Carter—Working the Data: Broad Scale Patterns Derived from 50,000 Data Points on Tiny Shell Beads from Ecuador
- 2:45 Cristóbal Gnecco—The Geopolitics of Archaeology in South America



- 3:00 Juliet Morrow—Clovis in the Americas: Still the Best Theory for the Peopling of the New World
- 3:15 Elizabeth Horton—The Ties That Bind: Fabric Production and Fiber Use in the Ozark Plateau.
- 3:30 Rebecca Procter—What Are We Saying and Who is Listening? Archaeology's Public Audience and the Impact of Social Change
- 3:45 Lynn Rouse—Risking It All: The Long-Term Effect of Economic and Political Strategies in the Oasis Communities of Bronze Age Turkmenistan
- 4:00 Jonathan Kent—Discussant
- 4:15 Patty Jo Watson—Discussant

**[223] SYMPOSIUM ■ CELEBRATING A DECADE OF DISCOVERY, ARCHAEOLOGY, HERITAGE EDUCATION, AND OUTREACH ON THE BUREAU OF LAND MANAGEMENT'S NATIONAL LANDSCAPE CONSERVATION SYSTEM**

**Room:** 100 (AC)

**Time:** 1:00 PM–4:30 PM

**Organizer:** Margaret Heath

**Participants:**

- 1:00 Margaret Heath—Past Strides and Future Steps: Heritage Discovery, Science, Education, and Outreach on the Bureau of Land Management's National Landscape Conservation System
- 1:15 Cynthia Herhahn and Ronald Towner—Successful Collaboration in the El Malpais National Conservation Area, New Mexico
- 1:30 Brenda Wilkinson and Andrew Duff—Research Partnerships in Wilderness Study Areas: the Archaeology of Chaco Period Communities and the Challenges of Collaboration
- 1:45 Jane Childress—From Clovis to Clantons
- 2:00 Robert King—The Iditarod National Historic Trail: A Unique NLCS Unit in Alaska
- 2:15 Connie Stone and Kathy Pedrick—Partnerships, Preservation and Research in the Agua Fria National Monument in Central Arizona
- 2:30 Tamara Whitley—Managing Sacred Landscapes: Native American Consultation and Painted Rock
- 2:45 Marissa Guenther—The Two-Faced Trails of Southern Idaho: Legitimate Routes and Bogus Blazing
- 3:00 Lael Henrikson—Going with the Flow: The Impact of Holocene Fissure Eruptions on Obsidian Source Use in Southeastern Idaho
- 3:15 Lisa Cresswell—Stone Boys and Scotsmen: Historical Land Use Practices on the Craters of the Moon National Monument and Preserve
- 3:30 Colleen Sievers—"I can hardly give you an idea of this wonderful place."
- 3:45 Sarah Schlanger—Old Trails and New Challenges: Finding and Preserving Historic Trails in the Developing West
- 4:00 Kimberly Cuevas—Piedras Blancas Light Station: Historic Property Restoration and Preservation
- 4:15 Joel Janetski—Discussant

**[224] SYMPOSIUM ■ HUMAN RESPONSES TO YOUNGER DRYAS IN THE NORTHERN HEMISPHERE: THE NEW WORLD**

*(Sponsored by International Quaternary Association (INQUA))*

**Room:** 220 (AC)

**Time:** 1:00 PM–4:45 PM

**Organizer and Chair:** Ted Goebel

**Participants:**

- 1:00 Stuart Fiedel—Discussant
- 1:15 Vance Holliday, David Meltzer and Todd Surovell—Did a Younger Dryas Extraterrestrial Impact Affect Paleoindians (or Even Happen)?
- 1:30 Allen West, David Anderson, Albert Goodyear, Thomas Stafford, Jr. and James Kennett—Multiple Lines of Evidence for a Human Population Decline during the Initial Younger Dryas
- 1:45 Blaine Schubert and Russell Graham—“Clovis-Folsom Drought”: Afloat with the Vertebrates
- 2:00 Paige Newby—Changing Conditions during the Younger Dryas Interval in Northeastern North America
- 2:15 John Lothrop, James Bradley and Arthur Spiess—The Younger Dryas and Late Pleistocene Occupations of the New England-Maritimes
- 2:30 Eric Grimm—Vegetation and Climate Change in the Upper Midwest during the Younger Dryas Interval
- 2:45 Christopher Ellis, Dillon Carr and Thomas J. Loebel—The Younger Dryas and Late Pleistocene Peoples of the Great Lakes Region
- 3:00 Scott Meeks and David Anderson—Evaluating the Effect of the Younger Dryas on Paleoindian Cultures in the Southeastern United States
- 3:15 Michael Waters—Geomorphologic and Human Response to the Younger Dryas at the Buttermilk Creek Site and other Localities in Central Texas
- 3:30 David Meltzer and Vance Holliday—The Impact (or not) of Younger Dryas age Climate in the Plains and Rocky Mountains
- 3:45 Ted Goebel, Bryan Hockett and Kenneth Adams—Climate and Environmental Change in North America's Great Basin during the Younger Dryas, and Its Effect on Human Populations
- 4:00 Leslie Reeder, Jon Erlandson and Torben Rick—Archaeology of the Younger Dryas on the Pacific Coast of North America
- 4:15 Daryl Fedje, Quentin Mackie, Terri Lacourse and Duncan McLaren—Younger Dryas-age Environment and Archaeology on the Northwest Coast
- 4:30 Kelly Graf and Nancy Bigelow—Human Technological Responses to the Younger Dryas in Central Alaska

**[225] SYMPOSIUM ■ MEMORY, MATERIALITY, AND ARCHAEOLOGY IN THE INDIGENOUS AMERICAS**

**Room:** 222 (AC)

**Time:** 1:00 PM–5:00 PM

**Organizers:** John Norder and Meghan Howey

**Chair:** Meghan Howey

**Participants:**

- 1:00 Neil Wallis—Distributed Objects and Distributed Persons in Ceramic Technologies of the Southeastern United States
- 1:15 Meghan Buchanan and Susan M. Alt—Making Pottery and People: Materializing Shifting Mississippian Identities

- 1:30 Dave Haskell—Splitting the Gods: The Significatory Power of Obsidian Idols in the Prehispanic Tarascan Kingdom
- 1:45 John Warner—The Selective Representation of the Past in Architecture: An Example from the North Coast of Peru
- 2:00 Sarah Surface-Evans—Inferring Agency from Landscape-Scale Modeling of Archaic Hunter-Gatherers
- 2:15 Allison Davis—Ancestors, Living Landscape, and Community Identity in an Early Village in Cusco, Peru (400 – 100 BC)
- 2:30 Laura Villamil—Lowland Maya Post-Collapse Communities in south-central Quintana Roo, Mexico
- 2:45 Jane Baxter—Becoming Bahamian: Constructing Native Identities in the Recent Past
- 3:00 J. Andrew Darling and Robert Valencia—Return to Bacatete: Yaqui Resistance, Reconciliation, and International Repatriation
- 3:15 John Norder and Helen Kristmanson—Copper Kettle Burials and the Negotiation of Power and Identity in Early Acadia
- 3:30 Jon Daehnke—Places of Protocol: Lived Heritage, Memory and Materiality on the Columbia River
- 3:45 Ashley Atkins, Christopher Shephard and Martin Gallivan—Memory and Social Reproduction in the Algonquian Chesapeake
- 4:00 H. Denise Smith—Stone Mountain Memorials II
- 4:15 Jordan Riccio and Daniel Sayers—Discursive Murmurs, Diaphanous Pasts, and the Archaeological: Indigenous Americans and the Coming to Be of the Diasporic World of the Great Dismal Swamp after 1550
- 4:30 Martin Gallivan—Discussant
- 4:45 Tamara Bray—Discussant

**[226] GENERAL SESSION ■ MORTUARY ARCHAEOLOGY IN THE AMERICAS**

**Room:** 225 (AC)

**Time:** 1:30 PM–3:45 PM

**Chair:** Thomas Wake

**Participants:**

- 1:30 Christine Boston—For the Group or the Individual?: Exploring the Cultural Purpose of Artificial Cranial Modification of Northern Chilean Populations
- 1:45 Kristin Nado and Paul Goldstein—Social Boundary Maintenance at the Rio Muerto Site Cluster: A Bioarchaeological Perspective on the Mutability of Group Interactions within the Tiwanaku Diaspora
- 2:00 Kent Johnson, Paul Goldstein and Sarah Baitzel—Multicultural Tiwanaku Enclave Communities in the Moquegua Valley, Peru: A Bioarchaeological Analysis of Odontometric Data
- 2:15 Elizabeth Plunger, Paul Goldstein and Sarah Baitzel—Clothing and Subgroup Identity in Moquegua Tiwanaku: The Burial Garments of the Chen Chen Style M43 and Omo Style M70 Cemeteries at Rio Muerto
- 2:30 Erica Dziedzic—The Social Life of Art and Death: Interpreting Cultural Behavior from the Relationship between Ceramic Design Structure and Spatial Mortuary Patterns
- 2:45 Sara Marsteller and Giancarlo Marcone Flores—The Sociopolitical Significance of Child Burials at “Lote B” (Cerro Manchay), Lower Lurín Valley (Perú)
- 3:00 Gabriela Cervantes—Reconstructing Complex Funerary Processes on Peruvian North Coast: A Middle Sican Case Study
- 3:15 Jonathan Bethard—Inka Imperialism and Biological Variation: A Bioarchaeological

Perspective  
3:30 Thomas Wake, Michael Davis and Tomas Mendizabal—Mortuary Feasting at Sitio Drago, Bocas del Toro, Panama

**[227] FORUM ■ ETHICAL ISSUES IN GLOBAL ARCHAEOLOGY**  
*(Sponsored by Committee on Ethics and the Register of Professional Archaeologists)*

**Room:** 267 (AC)

**Time:** 2:00 PM–4:00 PM

**Organizers and Chairs:** Paula Kay Lazrus and Janet Levy

**Participants:**

Sandra Lopez-Varela—Discussant

Willem Willems—Discussant

Ian Burrow—Discussant

Akinwumi Ogundiran—Discussant

**[228] SYMPOSIUM ■ ENGINEERING MOUNTAIN LANDSCAPES: AN ARCHAEOLOGY OF SOCIAL INVESTMENT**

**Room:** 262 (AC)

**Time:** 2:00 PM–4:15 PM

**Organizers and Chairs:** Laura Scheiber and Maria Zedeno

**Participants:**

2:00 Wendi Field Murray, Maria Nieves Zedeno and Kacy L. Hollenback—Central Places in the Back Country: Investment Scales and Community Formation among Blackfoot Hunters, Montana

2:15 Laura Scheiber and Judson Byrd Finley—Paths, Places, and Positions: Negotiating Shoshone Movements in the Rocky Mountain West

2:30 Lorann Pendleton Thomas and David Hurst Thomas—The Higher You Get, the Higher You Get: Some thoughts from Alta Toquima (Nevada)

2:45 Alex Carroll—Social Investment in Regions of Refuge: Survival Strategies among the Southern Paiute of Southern Nevada

3:00 Stacie King and Danny A. Zborover—Garrisons, Forts, Hideouts, Rancherías, or Shrines? Interdisciplinary Research on Zapotec, Mixe, and Chontal sites in the Sierra Sur of Oaxaca, Mexico

3:15 Nick Laluk—Apache Place-Making in the Chiricahua Mountains of Southeastern Arizona

3:30 Chris Roos—Fire and the Making of Western Apache Landscapes in the Mountains of Eastern Arizona

3:45 Shannon Koerner—Mississippian Frontiers in the Highlands of Southern Appalachia

4:00 Judith Cooper, Norma Crumbley and John Kennedy—High Elevation Landscape Use in the Upper Green River Basin of Western Wyoming: Exploring Ecological and Cultural Mosaics

**[229] SYMPOSIUM ■ VALLEYS OF STONE, RIVERS OF JADE: NEW INVESTIGATIONS ALONG THE ANCIENT MAYA WESTERN EXCHANGE ROUTES AND IMPLICATIONS FOR POLITICAL ECONOMY AND TRADE**

**Room:** 241 (AC)

**Time:** 2:00 PM–4:45 PM

**Organizers:** Chloé Andrieu and Brent Woodfill

**Chair:** Melanie Forne

**Participants:**

- 2:00 Charlotte Arnaud—New Models to Address an Old Question
- 2:15 Dolores Tenorio, Thomas Calligaro and Olaf Jaime-Riveron—Materiality of Stone: Jade During Formative Period as an Exchange Value in an Trade Route on the Western Maya Realm
- 2:30 Brent Woodfill—Rediscovering Early Classic Trade Patterns at the Highland-Lowland Frontier: A New Case for Cave Archaeology
- 2:45 Chloe Andrieu and Olaf Jaime Riveron—A History of Jade: A Diachronic Approach to the Lowland Importation of Jade along the Chixoy-Pasion Routes during the Maya Classic Period
- 3:00 Mélanie Forné, Ronald L. Bishop and M. James Blackman—Fine Grey and Fine Orange: Early Presence and Foreign Provenience - Interpretations for Long-Distance Trade from Cancuen
- 3:15 Erin Sears—It's the Little Things in Life: Ceramic Figurines at the Midpoint of the Maya World
- 3:30 Matt O'Mansky, Arthur A. Demarest and Marc Wolf—The Classic Maya East-West "Transversal" Exchange Route in Lithics and Exotics: Patterns, Complexities, and Changes in Late Classic Interregional Political Economy
- 3:45 Elin Danien—Self-Sacrifice, Tombs, and Trade: The Construction of a Ceramic Narrative
- 4:00 Marion Popenoe Hatch, Carlos Alvarado and Tomas Barrientos—New Evidence on Northern Quiche and Western Verapaz Trade Relations
- 4:15 Charlotte Arnaud—Discussant
- 4:30 Norman Hammond—Discussant

**[230] SYMPOSIUM ■ THREE DIMENSIONAL ARCHAEOLOGICAL MODELING: NEW DIRECTIONS IN RESEARCH, METHODOLOGY AND THEORY**

**Room:** 106 (AC)

**Time:** 3:00 PM–4:00 PM

**Organizer and Chair:** Jennifer Campbell

**Participants:**

- 3:00 Maurizio Forte—3D Collaborative Environments in Archaeology
- 3:15 Mark McCoy, Michael Graves, Greg Asner and Keith Prufer—Research Applications of Lidar in Archaeology: A Case Study in Reconstructing Irrigated Agriculture in the Hawaiian Islands
- 3:30 Jennifer Campbell—Envisioning Space, Investigating Place: The use of Three Dimensional Modeling in Architectural Reconstructions
- 3:45 Andrew Riddle, Andrew Riddle and Michael Chazan—Three Dimensional Analysis of Handaxe Shape

**[231] SYMPOSIUM ■ CURRENT INTERDISCIPLINARY APPROACHES TO NORTH-CENTRAL TEXAS PREHISTORY**

**Room:** 263 (AC)

**Time:** 3:00 PM–4:45 PM

**Organizer:** Clayton Tinsley

**Chair:** Duane Peter

**Participants:**

- 3:00 Chris Dayton—Excavations at Site 41DL203: New Data on the Late Archaic and Late Prehistoric in North-Central Texas
- 3:15 Ben Fullerton, Arlo McKee and Duane Peter—Cultural Dynamics during the Late Prehistoric Period in Northcentral Texas
- 3:30 Michelle Wurtz, James Harrison and Duane Peter—Prehistoric Inhabitants of the West Fork of the Trinity River Valley – Merely Passing Through?
- 3:45 Steve Tomka and Eric Oksanen—Patterns in Archaic and Late Prehistoric Raw Material Procurement and Mobility
- 4:00 Clayton Tinsley—Oasis in the Blackland Prairie: Riparian Subsistence Strategies in Prehistoric North-Central Texas
- 4:15 Reed Ferring—Geology and Formation Processes at the Aubrey Clovis Site
- 4:30 Rolf Mandel—Discussant

**[232] POSTER SESSION ■ ARCHAEOLOGY OF THE WESTERN UNITED STATES**

**Room:** Exhibit Hall 1 (AC)

**Time:** 3:00 PM–5:00 PM

**Participants:**

- 232-a Lindsay Fenner and Chrissina Burke—What pluvial beach ridges say about prehistory: New investigations along Pleistocene Mud Lake, Nye County, Nevada
- 232-b Anastasia Gilmer and Kelly E. Graf—Preliminary Sedimentological and Stratigraphic Observations in the Late Pleistocene-Early Holocene Deposits of Bonneville Estates Rockshelter, Eastern Nevada
- 232-c Kathryn Harris—Obsidian Sourcing of Southeastern Idaho Paleoindian Projectile Points
- 232-d Khori Newlander—The Role of Chert in Eastern Nevada Paleoarchaic Land-Use Strategies
- 232-e Philip Fisher and William Andrefsky Jr—Partitioning the Middle Archaic in the Northern Great Basin
- 232-f Jeanne Binning, C. Jill Minar, Clifford J. Walker, Alan P. Garfinkel and Robert M. Yohe II—A Biface Cache from Paradise Springs, Central Mojave Desert
- 232-g Johanna Marty, Nicolas Poister, Amanda Taylor and Rene Vellanoweth—Anatomy of Mound: Sediment Analysis at Tule Creek Village, San Nicolas Island, CA
- 232-h Lana Martin—Reconstructing Paleoenvironmental Instability and Plant Resource Availability at Santa Cruz Island using Macrobotanical Analysis
- 232-i Jeremy Pye—Faithful To Their Trust, Even Unto Death: Expressions of Identity and Change in an Oklahoma Cemetery Landscape

**[233] POSTER SESSION ■ GEOPHYSICAL INVESTIGATIONS IN WESTERN PENNSYLVANIA**

**Room:** Exhibit Hall 1 (AC)

**Time:** 3:00 PM–5:00 PM

**Organizer:** Beverly Chiarulli

**Chair:** Meghen Pace

**Participants:**

- 233-a Meghen Pace—Ground Penetrating Radar Investigations of Memorial Park, Indiana County
- 233-b Jonathan Libbon—Geophysical Investigations Along the Allegheny Portage Railroad
- 233-c Jason Pare—Ground Penetrating Radar Investigations at the Dividing Ridge Site

**[234] POSTER SESSION ■ LARGE GAME PROCUREMENT STRATEGIES**

**Room:** Exhibit Hall 1 (AC)

**Time:** 3:00 PM–5:00 PM

**Participants:**

- 234-a Karla Hansen-Speer, Jim Speer and Lynn Harrell—The Antelope Trap and the Juniper Tree: Using Dendrochronology to Investigate Hunting on the High Plains of Wyoming
- 234-b Matthew Hill, Cerisa R. Reynolds and James M. Mayer—Reevaluation of the Site Formational History of the Finley Bison Bonebeds
- 234-c Maria Zedeno, Jesse Ballenger and Dale Fenner, Sr.—If We Build It, Will They Come? Planning Bison Kills on the Two Medicine River, Montana
- 234-d Kenneth Cannon, Molly Boeka Cannon, William Eckerle, Oskar Burger and Carol Hearne—Reinvestigations at the Challis Bison Kill Site, Custer County, Idaho
- 234-e Meredith Wismer—Bison Subsistence at Cherokee Sewer, IA: Toward a More Complete Picture
- 234-f Keelin Baine and Matthew E. Hill, Jr.—Procurement on the Plains: An Analysis of Large Bodied Mammals at the Scott County Pueblo
- 234-g Anneke Janzen and Naomi Cleghorn—Hyena Bone Choice and Destruction of Large Fauna

**[235] POSTER SESSION ■ WHAT'S NEW IN SOUTHWESTERN ARCHAEOLOGY?**

**Room:** Exhibit Hall 1 (AC)

**Time:** 3:00 PM–5:00 PM

**Participants:**

- 235-a Steven LeBlanc and Michele Morgan—Intraindividual Seasonal Variation in Basketmaker II Diet Revealed by Stable Carbon and Nitrogen Isotope Analyses of Human Hair
- 235-b Brenda Todd—Excavations at Chimney Rock Pueblo (5AA83)
- 235-c Katherine Dungan—Distance and Perception in GIS Visibility Analysis: A Chacoan Example
- 235-d David Witt—Remote Sensing at Ancestral Pueblo Sites: The Use of ASTER & Hyperion Imagery in Determining Site Locations
- 235-e Joaquin Arroyo-Cabrales, Alejandro López-Jiménez, Guadalupe Sánchez-Miranda and Vance T. Holliday—"Fin Del Mundo" Pleistocene Fauna, Sonora, México
- 235-f Michael Pool—Is it or Isn't it?: Evaluating Prehistoric and Recent Rock Alignments
- 235-g Nedenia Kennedy—Building Strong in the West: South Pacific Division's Cultural

- Program
- 235-h Tineke Van Zandt and David Stephen—Archaeological Survey North of Bagdad, Arizona
- 235-i Devin White—Customizing Google Earth for Archaeological Research and Education
- 235-j Charles Reed, Ryan Lash and Kyle Bocinsky—The Archaeology of Morefield Canyon: An Ancestral Puebloan "Community Center"
- 235-k Amy Hoffman, Kristin Kuckelman, Lisa Nagaoka and Steve Wolverton—Dietary Use of Animal Resources Prior to the Pueblo III Depopulation of the Mesa Verde Region
- 235-l Fumiyasu Arakawa and Jamie Merewether—Evaluating Chaco Influences in the Central Mesa Verde Region Using Material Culture
- 235-m Elizabeth Toney and Thomas Gruber—Comparison of Geometric Design Combinations on Style I and Style III Bowls in the Mimbres Valley, Southwestern New Mexico
- 235-n Todd Van Pool, Christine VanPool and Gordon Rakita—Excavation of the 76 Draw Site, Luna County, New Mexico
- 235-o Ann Danis—Pictured Tipi Site: Biographical Tradition Rock-art in Northern New Mexico
- 235-p Charles Randklev, Steve Wolverton, Benjamin Lundeen and James Kennedy—A Late Holocene Freshwater Mussel (Family Unionidae) Assemblage from the West Fork of the Trinity River, Texas
- 235-q Virgil Beasley, Tim Graves, Myles R. Miller and Duane Peter—Madera Quemada Pueblo: Investigations of a Fourteenth-Century Jornada Mogollon Pueblo on Fort Bliss Military Reservation, South-central New Mexico
- 235-r Ora Marek-Martinez, Tony Joe, Timothy Begay, Ronald Maldonado and Taft Blackhorse—Nihinaazázi—Our Ancestors: Perspectives on Cultural Affiliation from the Navajo Nation Historic Preservation Department
- 235-s Joelle Morgan—Specialized Agriculture in the Prehistoric Casas Grandes Region
- 235-t Sara Rugroden—Liminality and Architecture: The Search for the Space In-between
- 235-u Matthew Pailes and Natalia Martinez—A Discount Rate Approach to Hohokam Agave Cultivation
- 235-v Erin Tyson, Stephen Merkel, Molly Ray and Lauren Meyer—In Response to Vandalism: Ten Years of Graffiti Mitigation at Bandelier National Monument
- 235-w Richard Wilshusen and Scott Ortman—Big Gatherings to Big Pueblos: Using Architecture, Rock Art, and Linguistics to Study Organizational Change
- 235-x Amanda Landon—A Paleoethnobotanical Study of Three Pueblo Period Sites
- 235-y Gregson Schachner—Ancestral Pueblo Settlement Dynamics in the Petrified Forest of Arizona

**[236] GENERAL SESSION ■ PALEOINDIAN, ARCHAIC & LITHIC STUDIES IN THE SOUTHEASTERN US**

**Room:** 224 (AC)

**Time:** 3:00 PM–5:00 PM

**Chair:** Philip Carr

**Participants:**

- 3:00 Jessi Halligan—Preliminary Geoarchaeological Interpretation of a Submerged Paleoindian Site in the the Aucilla River, Northwest Florida
- 3:15 Grady Caulk—Archaic in South Florida



- 3:30 Philip Carr and Andrew Bradbury—The Organization of Early Archaic Lithic Technology at the St. Albans Site
- 3:45 Rachel Wentz and Michele Williams—Medicinal Plant Usage among the 7,000-Year-Old Windover Population
- 4:00 Karen Supak—"You Want Me to Dig...Where?": New Methodologies and Revised Interpretations of Prehistoric Quarries and Localized Raw Material Procurement Areas at Fort Campbell, Kentucky
- 4:15 Jason Edmonds—Mobility and Population Change in Northeast Mississippi: An Object-Based Seriation of Projectile Points as a Relative Paleodemographic Indicator
- 4:30 Ryan Parish—Exploring the Application of Fourier Transform Infrared (FT-IR) Spectroscopy to the Detection of Thermal Alteration in Chert
- 4:45 William Green and Kimberly Nagle—Digging Deep along the Fall Line: Archaeological Investigations of a Deeply Stratified Early Paleoindian Through Mississippian Site Near Columbia, South Carolina

**[237] SYMPOSIUM ■ MODALITIES OF VALUE(S): EXPRESSIONS OF HERITAGE IN CURRENT ARCHAEOLOGICAL DIALOGUE**

*(Sponsored by Heritage Values Interest Group)*

**Room:** 105 (AC)

**Time:** 3:30 PM–5:00 PM

**Organizers:** Hilary Soderland and Morag Kersel

**Chair:** Hilary Soderland

**Participants:**

- 3:30 George Smith—Heritage Values in Contemporary Society
- 3:45 Mary-Catherine Garden—Creating New Heritage Places: Authenticity, Value and Landscapes
- 4:00 Susan Bruning—Cultural Heritage Stewardship in the 21st Century: Legal and Ethical Frameworks for Museums and Scholars
- 4:15 Morag Kersel—Objects of Desire: Archaeological Artifacts in the Marketplace
- 4:30 Karen Holmberg—A Heritage of Loss and Imagination
- 4:45 Phyllis Messenger—Discussant

### Sunday Morning ■ April 18, 2010

**[238] FORUM ■ SAVING THE PLANET . . . AND ARCHAEOLOGY!**

*(Sponsored by Public Education Committee)*

**Room:** 231 (AC)

**Time:** 8:00 AM–9:15 AM

**Organizer and Chair:** Alice Berkson

**Participants:**

Lynn Alex—Discussant  
Michelle Berg Vogel—Discussant  
Jerry Spangler—Discussant  
Juliet Morrow—Discussant  
Rick Jones—Discussant

**[239] GENERAL SESSION ■ NEW PERSPECTIVES ON MISSISSIPPIAN IN THE GREATER CAHOKIA SPHERE**

**Room:** 242 (AC)

**Time:** 8:00 AM–9:15 AM

**Chair:** Melody Pope

**Participants:**

8:00 Frederika Kaestle, Jennifer Raff and Della Cook—Migration and the Mississippian Emergence in West-Central Illinois: Ancient DNA Evidence  
8:15 John Richards, Seth Schneider and Timothy Pauketat—Comparative Analysis of Red-and-White Pottery from Cahokia and Aztalan  
8:30 Michael Striker and Timothy King—Using Computer Modeling to Test and Explain Astronomical Alignments at a Mississippian Village  
8:45 Georgia Millward and Frederika Kaestle—Maternal Genetic Relatedness in Mississippian Burial Practices: Ancient mtDNA at Mound 2, Yokem Mounds, Pike County, Illinois  
9:00 Melody Pope and Rex Garniewicz—Archaeological Investigations at an Upland Mississippian Village in the White River Valley, East Fork, Dubois County, Indiana

**[240] SYMPOSIUM ■ SEARCHING FOR STRUCTURE IN CERAMIC ANALYSIS: APPLYING MULTI-SCALAR FRAMEWORKS AND TECHNIQUES TO THE INVESTIGATION OF POTTERY PRODUCTION**

**Room:** 106 (AC)

**Time:** 8:00 AM–9:45 AM

**Organizers:** Alan Greene and Charles Hartley

**Chairs:** Charles Hartley and Alan Greene

**Participants:**

8:00 Alan Greene and Charles Hartley—The Structure of Ceramic Analysis: Multiple Scales and Instruments in the Analysis of Production  
8:15 Erin Hegberg—X-Ray Fluoroscopy in your own Backyard: A Method for Analyzing Ceramic Formation Techniques  
8:30 Maryfran Heinsch—Wheel-Finished versus Wheel-Formed: Inferences and Implications from Radiographic Evidence of Ceramic Forming Techniques at Velikent  
8:45 Andrew Duff—Producing Structure: The Role of Ceramic Production in Understanding Chaco-period Communities in the American Southwest

- 9:00 Charles Hartley and Alan Greene—From Structure to Composition and Back: Digital Radiography and Computed Tomography; Some Cases for Anthropological Contemplation  
9:15 Katie MacFarland—Laterality and Directionality in Pottery Painting and Coiling  
9:30 Pamela Vandiver—Discussant

**[241] SYMPOSIUM ■ PALEODEMOGRAPHY: ADVANCES AND NEW TRENDS IN AGRICULTURAL POPULATION IN MESOAMERICA**

**Room:** 241 (AC)

**Time:** 8:00 AM–10:15 AM

**Organizer and Chair:** Guadalupe Zetina-Gutiérrez

**Participants:**

- 8:00 Lourdes Marquez-Morfin and Rebecca Storey—Paleodemography is Hard but Worth It!  
8:15 David Campbell—Contemporary Yucatec, Kekchi and Mopan Maya Home Gardens: What Do They Reveal about Carrying Capacity of La Selva Maya?  
8:30 Patricia Hernández and Lourdes Márquez Morfín—Mayan Paleodemography: Results and Methodological Limitations  
8:45 Armando Anaya Hernandez and Lorraine A. Williams-Beck—Jaina: Gateway to the Underworld  
9:00 Guadalupe Zetina-Gutiérrez—Searching for Demographic Phenomena in Maya Archaeological Context  
9:15 Anabel Ford—The Sustainable Landscape of the Ancient Maya  
9:30 AnnCorinne Freter and Elliot Abrams—Reconstructing the Paleodemographic Trends Associated with the Maya Late Classic/Terminal Classic Depopulation of the Copan Valley, Honduras: A Multi-Scalar Approach  
9:45 Richard Paine—Using Demographic Models to Test Archaeological Hypotheses: Two Examples from the Classic  
10:00 Anabel Ford—Discussant

**[242] SYMPOSIUM ■ LANDSCAPE LANDMARKS AS SOCIAL AGENTS**

**Room:** 225 (AC)

**Time:** 8:00 AM–10:30 AM

**Organizers:** Jose Punzo, Stanislaw Iwaniszewski and Silvina Vigliani

**Chair:** Stanislaw Iwaniszewski

**Participants:**

- 8:00 Silvina Vigliani—Landscape Entities as Social Agents  
8:15 Ben Nelson, Johannes Neurath and Loni Kantor—Monumentality as a Social Product  
8:30 Araceli Rivera—Loma el Muerto: Paisaje Ritual Prehistórico Construido por Grupos Cazadores Recolectores Avanzados del Semidesierto Neoleonés  
8:45 Paul Fish and Suzanne Fish—Trincheras Sites: Landscapes, Summits, and Ideology  
9:00 María de la Luz Gutiérrez—Las Vírgenes Volcanoes: Social Agents in the Process of Enculturation of Landscape in Central Baja California, México  
9:15 Víctor Arribalzaga—El Agente Social en el Paisaje del Monte Tláloc, Estado de México  
9:30 José Luis Punzo Díaz and David Arturo Muñiz García—Mountains, Caves and Rivers as Social Agents in the Rituals of the Chalchihuitan People, in the Guadiana Valley, Durango, Mexico

- 9:45 Patricia Castillo—The Symbolic Landscape in the Social Structure of Ancient Tajín, Veracruz  
10:00 Stanislaw Iwaniszewski—Where the Rain is Mobilized: Mountain Sanctuaries from Central Mexico  
10:15 Kelley Hays-Gilpin—Discussant

**[243] SYMPOSIUM ■ NEW APPROACHES IN THE ARCHAEOLOGY OF MEDIEVAL EUROPE**

**Room:** 101 (AC)

**Time:** 8:00 AM–10:15 AM

**Organizer and Chair:** K. Patrick Fazioli

**Participants:**

- 8:00 K. Patrick Fazioli—Reassessing the 'Proper Study' of Medieval Archaeology: Twenty Years Later  
8:15 Florin Curta—Ethnicity in Medieval Archaeology  
8:30 Pam Crabtree—The Role of Zooarchaeology in Modern Medieval Archaeology  
8:45 Rachel Scott—Disease Patterning in Early Medieval Ireland  
9:00 Jennifer Foster—Social Circles: Rathes and Status in Early Medieval Ireland  
9:15 Thomas Brunton and Tina Thurston—Peoples, Boundaries, Stones and Soil: Political Identity along a Contested Border in Medieval Småland, Sweden  
9:30 Hajnalka Herold—Fortified Centres of the 9th-10th c. AD in Central Europe  
9:45 Joachim Henning—A Small Town Experiences the Fall of the Roman Empire: (1) New Archaeological Strategies and Answers for an Old Question  
10:00 Michael McCormick—A Small Town Experiences the Fall of the Roman Empire: (2) Thinking about Tarquimpol's New Answers to an Old Question

**[244] SYMPOSIUM ■ PAPERS IN HONOR OF WILLIAM S. DANCEY**

**Room:** 221 (AC)

**Time:** 8:00 AM–10:30 AM

**Organizer:** Paul Pacheco

**Chair:** Dee Anne Wymer

**Participants:**

- 8:00 Dee Anne Wymer—Education is not the Filling of a Pail, but the Lighting of a Fire: A Tribute to William S. Dancey  
8:15 Darlene Applegate—Contemporary Archaeological Systematics: Perspectives from Kentucky  
8:30 Paul Pacheco—Revising the General Model of Ohio Hopewell Settlement Patterns  
8:45 Jules Angel—Location, Location, Location: Earthwork Placement within the Central-Ohio Landscape  
9:00 Jennifer Pederson Weinberger and Kathleen Brady—An Examination of Settlement Patterns at Two Sites in the Scioto Valley  
9:15 Karen Royce—The Water Plant Site: Thirty Years Later and Still Providing Us with New Insights  
9:30 Kevin Nolan—Siteless Survey of the Reinhardt Three Kilometer Catchment  
9:45 Andrew Mickelson—The Unobtrusive Mississippian Village: Rethinking Late Prehistoric Settlement Patterns in Western Tennessee  
10:00 Jarrod Burks—Discussant  
10:15 William Dancey—Discussant

**[245] SYMPOSIUM ■ RECENT ADVANCES IN THE ZOOARCHAEOLOGY OF THE LAKE TITICACA BASIN**

**Room:** 104 (AC)

**Time:** 8:00 AM–10:30 AM

**Organizers and Chairs:** Kristen Gardella and Katharine Davis

**Participants:**

- 8:00 Mark Aldenderfer—Animal utilization during the Late Archaic-Early Formative Transition: The Evidence from Jiskairumoko
- 8:15 Matthew Warwick—Zooarchaeology of the Rio Pukara Valley: New data from the northern Lake Titicaca basin Formative
- 8:30 José Capriles, Melanie Miller and Christine Hastorf—Stable Isotope Analysis of Fish Remains from Lake Titicaca
- 8:45 Randi Gladwell—The Role of Camelids in Ritual Contexts at Khonkho Wankane (Bolivia) during the Formative Period
- 9:00 Katharine Davis—Heterarchy and Whole Camelid Butchering among Urban Residential Populations in the Classic Tiwanaku Period, Muru Ut Pata, Bolivia
- 9:15 Claudine Vallieres—Living with Garbage and Ancestors: The Case-study of Mollo Kontu in Tiwanaku, Bolivia
- 9:30 Elizabeth Arratia—The Economic Role of Fish in Mollo Kontu, Tiwanaku, Bolivia (600-1100 AD)
- 9:45 Kristen Gardella—Inka Feasting and the Past: Spaces of Celebration, Integration and Memory Construction at Tiwanaku, Bolivia
- 10:00 Katherine Moore—Discussant
- 10:15 Susan deFrance—Discussant

**[246] SYMPOSIUM ■ SETTLEMENT PATTERNS OF VIKING AGE ICELAND: THE METHODS AND RESULTS OF THE SKAGAFJORDUR ARCHAEOLOGICAL SETTLEMENT SURVEY**

**Room:** 224 (AC)

**Time:** 8:00 AM–10:15 AM

**Organizers:** John Steinberg and Douglas Bolender

**Chair:** John Steinberg

**Participants:**

- 8:00 John Steinberg—The Problems of Conducting Settlements Pattern Research on the Transition to State in Iceland
- 8:15 Kathryn Catlin—Getting to the Core of Skagafjordur
- 8:30 Brian Damiata—Shallow Geophysics on Viking Age sites in Skagafjordur
- 8:45 John Schoenfelder—Of Kites and Poles: Site Documentation via (Very) Low-Altitude Aerial Photography in Skagafjordur, Iceland
- 9:00 Rita Shepard—Ephemeral Pithouses at Viking Settlement Farmsteads in Iceland
- 9:15 Amanda Schreiner—Zooarchaeology of the Viking Age and Later in Skagafjordur
- 9:30 Marisa Patalano and Heather Trigg—Paleoethnobotany of Viking-Age Sites in Skagafjordur, Iceland
- 9:45 Katharine Johnson—The Relevance of Early Modern Archaeology in Skagafjordur, Iceland
- 10:00 Douglas Bolender—Integrated Archaeogeophysics and Excavation as a Method for Regional Household Archaeology

**[247] GENERAL SESSION ■ ARCHAEOLOGY OF THE EASTERN UNITED STATES**

**Room:** 100 (AC)

**Time:** 8:00 AM–10:15 AM

**Chair:** Martin Gallivan

**Participants:**

- 8:00 Ben Ford—Changes in Perception and Perceptions of Change on the Lake Ontario Shore
- 8:15 Megan Hoak—Analysis of the Lithic Materials from Late Prehistoric Through Pre-Clovis Strata at the Topper Site, Allendale County, South Carolina
- 8:30 Martin Gallivan and Justine McKnight—A Cultural Interpretation of Horticultural Transitions in the Chesapeake
- 8:45 Darla Spencer—Results of a Stylistic Analysis of Late Prehistoric and Protohistoric Pottery Assemblages from Southern West Virginia
- 9:00 William Hranicky—The Sandy Hill Adena Cache of Dorchester County, Maryland
- 9:15 Katharine Fernstrom—Archaeology and the Construction of Euro-American Identity: Tiffany & Co. at the 1893 Chicago Exposition
- 9:30 Rachel Dwyer—A Madder of Grave Importance
- 9:45 Jack Rossen—The Dating Game: The Politics of Repatriation in Haudenosaunee (Iroquois) Country
- 10:00 Allison Byrnes and David Pedler—Lithic Technology at the Breinigsville Site Complex, Southeastern Pennsylvania

**[248] SYMPOSIUM ■ BEING OR BECOMING? LATE HOLOCENE RESEARCH ON FORAGERS AND EARLY FARMERS IN THE DESERT WEST**

**Room:** 228 (AC)

**Time:** 8:00 AM–10:45 AM

**Organizers:** Maxine McBrinn and Barbara Roth

**Chairs:** Barbara Roth and Maxine McBrinn

**Participants:**

- 8:00 K. Renee Barlow—Farming and Foraging in Range Creek: Shifting Strategies of Maize Cultivation, Residential Mobility and Remote Storage in Cliff Granaries among the Fremont of the northern Colorado Plateau
- 8:15 Patricia Gilman—Farmers Who Forage: Low Populations in the Mimbres Region of Southwestern New Mexico
- 8:30 Wm. Randy Haas—Low-Level Food Producers and the Pursuit of Game on the Rainbow Plateau, Arizona
- 8:45 Robert Hard, William Merrill, John Roney and A. C. MacWilliams—Uto-Aztecan Foragers and Farmers in the Cultural History of the Desert West
- 9:00 Maxine McBrinn and Bradley Vierra—Resistant Foragers: The Problem of Low Maize Ubiquity at Sites in the Northern Rio Grande Valley
- 9:15 Heidi Roberts and Richard Ahlstrom—Farmers on the Go: A Forager-Farming Model for the Las Vegas Valley, Nevada
- 9:30 Barbara Roth—Were They Sedentary and Does it Matter? Early Farmers in the Tucson Basin
- 9:45 Steven Simms—The Case for Fremont Villages and Cultural Complexity
- 10:00 Stephanie Whittlesey—The Middle Archaic Period in the Tucson Basin
- 10:15 Joel Janetski and Joan Coltrain—New Dietary and Temporal Data on Basketmaker II Human Remains from Southeast Utah
- 10:30 Don Fowler—Discussant

**[249] SYMPOSIUM ■ BEYOND THE MINIMUM, CONTRIBUTIONS TO ARCHEOLOGY**

**Room:** 103 (AC)

**Time:** 8:00 AM–10:45 AM

**Organizer:** Richard Rogers

**Chair:** Marsha Sims

**Participants:**

- 8:00 Marsha Sims—A Case of Avoidance is the Name and Snake Hunting is the Game, A Use for Scapula Hoes
- 8:15 Patrick McLoughlin—A Look at Two Buried Prehistoric Sites in the Driftless Area of Southeast Minnesota
- 8:30 John Riggs—Tracking Pennies: Experimental Archeology on the Movement of Artifacts by Cultivation
- 8:45 Teresa Paglione— In the Public Interest: Outreach and Partnerships
- 9:00 William Sharp—An Example of Shifting Archaeological Methods and Interpretation illustrated by Investigations of a Famous Kentucky Site
- 9:15 Ann Bennett-Rogers—Forest Practices in the Douglas Fir Region and Archaeological Resources
- 9:30 William Volf—Pastures and Pitstructures: Applying Geophysical Techniques in a CRM Setting
- 9:45 Rory Becker—Lasers on the Landscape: Using LiDAR Data in Cultural Resource Management
- 10:00 Cliff Jenkins—Examining Freshwater Shell Midden Rings with Aerial Imagery in the Yazoo Basin, Mississippi
- 10:15 Richard Rogers—Prehistoric Ridged Fields in Iowa
- 10:30 Sarah Bridges—Discussant

**[250] SYMPOSIUM ■ COASTAL SEASONALITY: METHODOLOGIES AND SUBSTANTIVE APPLICATIONS**

**Room:** 102 (AC)

**Time:** 8:00 AM–10:45 AM

**Organizers:** Elizabeth Reitz, David Thomas and Irvy Quitmyer

**Chair:** Elizabeth Reitz

**Participants:**

- 8:00 David Thomas—Seasonality and Mobility on the Georgia Bight: Why We Should Care
- 8:15 Elizabeth J. Reitz, Bruce M. Saul, Jason W. Moak and G. Denise Carroll— Interpreting Seasonality from Modern and Archaeology Fishes on the Georgia Coast
- 8:30 Margaret Scarry—What can Plants and Plant Data tell us about Seasonality?
- 8:45 Irvy R. Quitmyer and Douglas S. Jones—Annual Incremental Shell Growth Patterns in Hard Clams (*Mercenaria* spp.) from St. Catherines Island, Georgia: A Record of Seasonal and Anthropogenic Impact on Zooarchaeological Resources
- 9:00 Douglas S. Jones, Irvy R. Quitmyer and Chester Depratter—Oxygen Isotope Validation of Annual Macroscopic Shell Growth Increments in Modern and Zooarchaeological Hard Clams (*Mercenaria mercenaria*) from the Litchfield Beach Estuary, South Carolina
- 9:15 Nicole Cannarozzi—Evaluating the Eastern Oyster (*Crassostrea virginica*) as a Proxy for Season of Zooarchaeological Collection
- 9:30 Carol Colaninno—Evidence for Year-Round Occupation at Late Archaic Shell Rings of the Georgia Coast: Data from Oxygen Isotopic Profiles and Seasonally

- Sensitive Vertebrate Fauna
- 9:45 Sarah Bergh—Intra-site Variability in Seasonal Occupation at Back Creek Village, St. Catherines Island, Georgia
- 10:00 Deborah Keene and C. Fred T. Andrus—An Integrated Approach for Assessing Sedentism in the Georgia Bight
- 10:15 Douglas Kennett and Brendan Culleton—Testing Behavioral Ecological Models with Isotope Seasonality Studies in Coastal Settings
- 10:30 Gregory Waselkov—Making a Case for Coastal Subsistence Seasonality

**[251] SYMPOSIUM ■ CURRENT RESEARCH ON THE POVERTY POINT CULTURE**

**Room:** 227 (AC)

**Time:** 8:00 AM–10:45 AM

**Organizers and Chairs:** Christopher Hays and Diana Greenlee

**Participants:**

- 8:00 Michael Hargrave, R. Berle Clay, Rinita Dalan and Lewis Somers—Recent Magnetic Gradient, Susceptibility, and Resistance Surveys at Poverty Point
- 8:15 Berle Clay, Michael Hargrave and Rinita Dalan—Geophysical Survey at Poverty Point: Raising Issues for Future Research
- 8:30 Diana Greenlee, Evan Peacock, Michael Hargrave, Berle Clay and Rinita Dalan—Preliminary Results from Excavations in the Plaza at Poverty Point
- 8:45 Lee Arco and Anthony Ortmann—Jaketown's Buried Landscape: Recent Research at a Poverty Point Settlement in the Yazoo Basin, Mississippi
- 9:00 Anthony Ortmann—Comparative Analysis of Chipped Stone Assemblages from the Poverty Point and Jaketown Sites
- 9:15 Robert Connolly—Using the Material Record to Interpret the Poverty Point Site
- 9:30 Tim Hunt and Carl Lipo—Technological and Formal Analyses of Stone Plummets from Poverty Point, Louisiana
- 9:45 Mark Hill, Diana Greenlee and Hector Neff—Sourcing Poverty Point Copper: Testing the Lake Superior Hypothesis using LA-ICPMS Analysis
- 10:00 Christopher Hays, James Stoltman, Robert Tykot and Richard Weinstein—Investigating the Exchange of Poverty Point Objects and Pottery in the Poverty Point Culture Using X-Ray Fluorescence and Petrographic Thin Sectioning
- 10:15 Sarah Spivey and Tristram Kidder—The Origins of Poverty Point
- 10:30 Rebecca Saunders—Discussant

**[252] SYMPOSIUM ■ LESSONS LEARNED AND ADVANCES MADE: LOOKING BACK OVER THE NEW YORK STATE MILLENNIUM PIPELINE PROJECT, 1997-2009**

**Room:** 230 (AC)

**Time:** 8:00 AM–10:45 AM

**Organizers:** Karen Niemel and Michael Striker

**Chair:** Kevin Pape

**Moderator:** Karen Niemel

**Participants:**

- 8:00 Kevin Pape—The Millennium Pipeline Project – A Model for Interdisciplinary Partnerships and Integrated Archaeological Data Management
- 8:15 John Picklesimer and Ruth Myers—Phase I Investigations of the Millennium Pipeline Project: An Archaeological Cross-Section of New York's Southern Tier
- 8:30 Joseph Schuldenrein and Michael Aiuvalasit—Ancient Landscapes and Settlement Along the Millennium Corridor
- 8:45 Christina Kelly—On the Banks of the Susquehanna River: Sites BRO-212 and



- BRO-117 in Broome County, New York
- 9:00 John Pretola, Jacob Freedman and Donald Miller—Four Orange County Phase III Sites: New Prehistoric and Contact Period Insights from the Wallkill Valley, New York
- 9:15 Michael J. Aiuvalasit, Suanna Selby Crowley, Donald M. Thieme and Joseph Schuldenrein—Alluvial Geoarchaeology of the Susquehanna River sites
- 9:30 Jacob Freedman—Deep Testing Methodology, The “Black Dirt” Peat Deposits, Warwick, New York
- 9:45 Lena Sweeten—A Cultural Landscape Across Time: The Mission Lands Historic District, Orange County, New York
- 10:00 Alyssa Loorya and Michael Matts—Millennium Public Outreach and Education Project
- 10:15 Carol Weed—Discussant
- 10:30 Raymond Pasquariello—Discussant

**[253] SYMPOSIUM ■ ARCHAEOLOGY OF THE ARIZONA STRIP**

**Room:** 220 (AC)

**Time:** 8:00 AM–10:45 AM

**Organizer:** Sachiko Sakai

**Chair:** Karen Harry

**Participants:**

- 8:00 Karen Harry—Exploring the Puebloan Occupation of the Mt. Dellenbaugh Region of the Arizona Strip
- 8:15 James Allison—Puebloan Sites in the Hidden Hills
- 8:30 Sachiko Sakai—Change in Production and Distribution Pattern of Olive-tempered Ceramics in the Arizona Strip and Adjacent Areas in the American Southwest
- 8:45 Paul Buck—Are PII Site Densities near Mt. Trumbull Higher than Other Areas of the Arizona Strip?
- 9:00 Glendee Ane Osborne—Settlement and Site Location: A Predictive Model for the Shivwits Plateau, Northwest Arizona
- 9:15 David Purcell—The Past Through Tomorrow: Results of the 1962-1964 Arizona State Route 213 Highway Salvage Project
- 9:30 Steve Daron—Ranching on the Shivwits Plateau
- 9:45 Philip Mink—Formative Period Land Use Strategies on the North Rim of the Grand Canyon
- 10:00 Michael O'Hara—Theorizing and Materializing the Virgin Puebloan Frontier on the Arizona Strip
- 10:15 Alan Sullivan—Discussant
- 10:30 Jeff Altschul—Discussant

**[254] SYMPOSIUM ■ REGIONAL AND INTERREGIONAL IMPLICATIONS OF ARCHAEOLOGY ON THE MEXICAN GULF COAST**

**Room:** 232 (AC)

**Time:** 8:00 AM–11:00 AM

**Organizers:** Nathan Wilson and Alanna Ossa

**Chair:** Alanna Ossa

**Participants:**

- 8:00 Alanna Ossa—Economic Organization of a Postclassic Center and its Hinterlands in Veracruz, Mexico

- 8:15 Wesley Stoner—Estimating Political Boundaries in the Classic Tuxtla Mountains  
 8:30 Michael Loughlin—The Classic Period in the El Mesón Area of the Eastern Lower Papaloapan Basin  
 8:45 Krista Eschbach—Resituating Northwest Florida Presidios within a Broader Context through Investigations at the Spanish Colonial Port of Veracruz, Mexico  
 9:00 Natalia Donner and Jonathan Hernández Arana—Lithic Technologies at El Carrizal, Veracruz: An Operational Sequence Study  
 9:15 Nelly Nunez—Un Museo de la Cultura Olmeca  
 9:30 Morrison Limon Boyce, Omar Campos Lara and Xochitl Del Alba Leon Estrada—Recent Research in the Northern Gulf Lowlands  
 9:45 Marcie Venter—Innovations in Cooking Technology: The Implications of Comal use in the Late Postclassic Tuxtla Mountains  
 10:00 Xochitl del A. Leon Estrada—Costumbreros Funerias y Entierros en Sur de Veracruz Desde el Formativo Hasta el Posclasico  
 10:15 Nathan Wilson, Philip J. Arnold III and Amber VanDerwarker—Recent Research at Teotepac, Veracruz, Mexico: New Insights from a Regional Center  
 10:30 Roberto Lunagomez Reyes—Medias Aguas, Veracruz: Datos e Interpretaciones  
 10:45 Barbara Stark—Discussant

**[255] SYMPOSIUM ■ TECHNOLOGICAL TRANSFORMATIONS ON THE COLONIAL FRONTIER: NEW WORLD CONTACT AND EARLY HISTORIC PERIOD TECHNOLOGIES OF INDIGENOUS AND HISTORIC POPULATIONS**

**Room:** 223 (AC)

**Time:** 8:00 AM–11:00 AM

**Organizers:** Thomas Fenn and Alyson Thibodeau

**Chairs:** Krysta Ryzewski and Steven Schooler

**Participants:**

- 8:00 Alyson Thibodeau, John T. Chesley and Joaquin Ruiz—Following the Coronado Trail through Artifact-Based Lead Isotope Analysis  
 8:15 Steven Schooler—Supply, Trade, and Conflict on the Colonial Frontier: Aspects of French, Spanish, and Native Interaction as Revealed by a Lead Isotope Analysis of Artifacts from Nine Eighteenth-Century Colonial-Era Sites within Texas and Oklahoma  
 8:30 Noah Thomas and Alyson Thibodeau—Early Colonial Resource Appropriation: Sourcing Copper and Lead Ores from the Seventeenth Century Metallurgical Workshop at LA 162, Bernalillo County, New Mexico  
 8:45 David Vaughn—Slavery, Mining and Interaction in Colonial New Mexico  
 9:00 Mary Van Buren and Claire Cohen—Technological Diversity and Stagnation: The Political Economy of Small-scale Silver Production in the Southern Andes  
 9:15 Thomas Fenn, Eric W. Ritter, John T. Chesley and Joaquin Ruiz—Transmissions and Transformations in Protohistoric Baja California: Copper-Based Metals from Laguna Guerrero Negro  
 9:30 Amy Roache-Fedchenko—Adaptations of a Blacksmith: Maintaining European Expansion and Economic Growth on the North American Fur Trade Frontier  
 9:45 Krysta Ryzewski—The Iron Age of America: Learning Metalworking in the New England Frontier  
 10:00 Brock Giordano and Michael Nassaney—Crafting Culture at Fort St. Joseph: An Examination of Labor Organization through a Technological Investigation of Tinkling Cones  
 10:15 Mary Ann Levine, Kathryn Jakes, Christel Baldia and John Picard—The Fabric of Empire in a Native World: An Analysis of Trade Cloth Recovered from 18th

- Century Otstonwakin  
10:30 Kathleen Ehrhardt—Discussant  
10:45 Mark Lycett—Discussant

**[256] SYMPOSIUM ■ RECOGNIZING SKILL-LEVEL ARCHAEOLOGICALLY AND WHAT IT REVEALS CULTURALLY**

**Room:** 240 (AC)

**Time:** 8:00 AM–11:15 AM

**Organizers and Chairs:** Metin Eren and Farina Sternke

**Participants:**

- 8:00 Farina Sternke—Two Out of Three Ain't Bad! Skill, Apprenticeship and Technological Change in European Paleolithic Societies  
8:15 Ryan Byerly, Charles Egeland and Jason LaBelle—Anatomical Learning among Novice Butchers: Implications for Modeling Early Hominin Carcass Processing Behavior  
8:30 Ceri Shipton—The Evolution of Skill in the Acheulean  
8:45 Ann Oldroyd—Learning at the Gault Site, Texas: Studying Skill-Level in a Non-Refitted Bifacial Assemblage  
9:00 Caroline Jeffra—Clumsy, Crude, Well-Made, Fine? Skill and the Learning Process In Light of the Pottery Wheel  
9:15 Sandy Budden—Practicing Skill: People Making Pots Making People  
9:30 Michael Charlton—The Role of Skill in the Evolution of Ironmaking Technology: Examples from Iron Age and late Medieval northwest Wales  
9:45 Frances Liardet—Tricky Passes and Winding Trails: Learning to Make Ancient Glass Bottles, and What this Can Teach Us about Artefacts in Archaeology  
10:00 Carrie Brezine—From Spinning to Stitching: Reading Skill through the Colonial Textiles of Magdalena de Cao, Peru  
10:15 Linda Hurcombe—Recognising and Valuing Skill in Perishable Material Culture  
10:30 Jodi Flores and Metin Eren—Reporting Skill-level In Experimental Archaeology: How Often It Is Done And Why It Is Important  
10:45 Douglas Bamforth—Discussant  
11:00 Bruce Bradley—Discussant

**[257] SYMPOSIUM ■ IN THE FOOTSTEPS OF GLENN BLACK: NEW RESEARCH AT THE ANGEL SITE**

**Room:** 229 (AC)

**Time:** 8:00 AM–11:30 AM

**Organizers:** G. William Monaghan and Dru McGill

**Chairs:** Dru McGill and G. William Monaghan

**Participants:**

- 8:00 Christopher Peebles—A Precious Bequest: Version 2.0  
8:15 G. William Monaghan—Deconstructing Mound A: Tracing the History of the Angel Site (12VG1) through its Earthworks  
8:30 Stephen Ball—Forty Years in the Wilderness: Sporadic Excavations at the Angel Site (1965-2005)  
8:45 Dru McGill and Erica Ausel—Early Angel: Revealing Discoveries from a Burnt Mississippian Structure, c. A.D. 1100  
9:00 Eric Stockdell and Dru McGill—Excavating the "Potter's House:" Possible Evidence for Craft Specialization at a 14th century Angel Mounds Structure  
9:15 Joel Marshall, Timothy E. Baumann and Tammie L. Gerke—Sun Circles and

- 9:30 Science: Current Research on Negative Painted Pottery at the Angel Site  
Erika Elswick and Tammie L. Gercke—Soil Characteristics of the Angel Mounds State Historic Site: Providing Context for Artifact Interpretation and Preservation Potential
- 9:45 Tammie Gercke, Erika Elswick and J. Barry Maynard—Bone Temper: The likely Source of Elevated Phosphorus in Angel Mounds State Historic Site Ceramics
- 10:00 Tony Krus—Mississippian Hoe Use: A Microwear Analysis of Hoes and Hoe Flakes from the Angel Site
- 10:15 Mark Schurr—What Bone Chemistry Tells Us About Angel Site
- 10:30 Charla McCormick and Frederika Kaestle—Burial Location and Maternal Relatedness at Angel Mounds
- 10:45 Mike Linderman—Stabilization of Mounds A and G at Angel Site
- 11:00 Paul Welch—Discussant

**[258] SYMPOSIUM ■ ON THE VALLEY FLOOR: REGIONAL VARIATION AND CULTURAL DIFFERENCE IN SOUTHEAST MESOAMERICA**

**Room:** 226 (AC)

**Time:** 8:00 AM–11:30 AM

**Organizers:** Ellen Bell, Patricia Urban and Edward Schortman

**Chair:** Ellen Bell

**Participants:**

- 8:00 Edward Schortman—Working in a Vacuum: Enactment of Power in Terminal Classic SE Mesoamerica
- 8:15 Lauren Schwartz—Variation in Household Architectural Designs & Styles at the site of PVN647, Northwest Honduras
- 8:30 Marcela Esqueda—Playing with Fire: Ceramic Production at a Rural Site in Northwestern Honduras
- 8:45 David Rogoff—Late and Terminal Classic Jute Use, Middle Chamelecon Drainage, Northwestern Honduras
- 9:00 Joanne Hayes and Edward Schortman—The Organization of Early Ceramic Manufacturing along the Rio Chamelecon
- 9:15 Jennifer Dillon and Patricia Urban—Keeping the Fires Burning: Ceramic Firing Facilities at Las Canoas, Northwestern Honduras
- 9:30 Patricia Urban—Can Specialized Ceramic Production be Seen through Slight Variations in Ceramic Formation?
- 9:45 Zaida Darley and E. Christian Wells—Archaeopedological and Geomorphological Perspectives on Prehispanic Water Management at Palmarejo, Honduras
- 10:00 Ellen Bell and Marcello Canuto—Rural Settlements, Regional Ties: Administrative Strategies and Prestation Goods in the Copan Kingdom
- 10:15 Mary Hostenske—The Role of Storage and Food Preparation Structures in Elite Residential Contexts at El Cafetal, NW Honduras
- 10:30 Michelle Kittel, Catalina López, Ryan Johnson, Santiago Morales and Roberto Ramirez—Hinterland Households: Rural Settlement in The El Paraíso Valley, Western Honduras
- 10:45 Lauren Hall, Jenica Szirmay, Melissa Muñoz, Stefanie Griffin and Chelsey Rhudy—The Manufacture and Use of Ground Stone Implements in the El Paraíso Valley, Western Honduras
- 11:00 Cameron McNeil—In the Country and in the City: Terminal Classic and Postclassic Land Use in Copan, Honduras
- 11:15 Jim Aimers—Discussant

**[259] SYMPOSIUM ■ GEOARCHAEOLOGICAL RESEARCH**

*(Sponsored by Geoarchaeology Interest Group)*

**Room:** 105 (AC)

**Time:** 8:00 AM–11:45 AM

**Organizer and Chair:** Jennifer Smith

**Participants:**

- 8:00 Manuel Arroyo-Kalin, Yannick Devos and Cristiano Nicosia—The Geoarchaeological Study of Anthropogenic Dark Earths
- 8:15 Donald Thieme and Dennis Blanton—Landscape Changes and the Early Spanish Presence in Middle Georgia, USA
- 8:30 Kristen Arntzen and Julieann Van Nest—A Case Study of Mid-Holocene Landscape Evolution and Archaic Lifeways in the Midwestern Uplands: The Allscheid Rockshelter in Monroe County, Illinois
- 8:45 Andrew S. Gottsfield and Rolfe D. Mandel—Modeling the Geologic Potential for Cultural Resources in the Upper Neosho River Basin, East-Central Kansas
- 9:00 Nicholas Kessler and Rolfe Mandel—Late-Quaternary Landscape Evolution and Environmental Change in the Red Hills of South-Central Kansas: Implications for Archaeological Research
- 9:15 Rolfe Mandel, Jack Hofman and Steven Holen—Geoarchaeology of Stratified Early Paleoindian Cultural Deposits at the Kanorado Locality, Northwestern Kansas
- 9:30 Louis Fortin—Depositional Sequences at Cox Ranch Pueblo, New Mexico: A Geoarchaeological Perspective
- 9:45 Kara Rothenberg and E. Christian Wells—Using Soil Chemical Residue Analysis to Prospect for Ancient Activity Loci at the Prehispanic Site of Palmarejo, Northwest Honduras
- 10:00 Nichole Bettencourt and Melissa Goodman-Elgar—All Fired Up: The Geoarchaeological Investigation of Adobes from Chiripa, Bolivia
- 10:15 Christopher Lockwood and Britton Shepardson—Assessing Kohala Field System Land Use through Geochemistry
- 10:30 Bonnie Blackwell, Aislinn E. Deely, Thomas M. Truongchau, Christopher Hill and Anne R. Skinner—ESR Dating Pluvial Events at Paleolithic Sites in the Egyptian High Desert Oases
- 10:45 Katherine A. Adelsberger, Danielle S. Fatkin, Benjamin W. Porter and Bruce Routledge—Geoarchaeology at Dhiban: Research Potentials of a Multiperiod Site in Central Jordan
- 11:00 Susan Mentzer, Mihriban Özbasaran and Mary Stiner—Micromorphological Investigations of Anthropogenic Features at the Aceramic Neolithic site of Asikli Höyük, Turkey
- 11:15 Tico Wolff—Living Spaces and the Micromorphological Perspective: Recent Examples from the South Italian Bronze Age
- 11:30 Scott Worman and James L. Boone—People, a Plague on the Planet? A Landscape Geoarchaeology Study of Islamic Portugal

**[260] SYMPOSIUM ■ COSTUME, DRESS, AND ORNAMENT IN FORMATIVE PERIOD  
MESOAMERICA AND THE ISTHMO-COLOMBIAN ZONE**

**Room:** 222 (AC)

**Time:** 8:00 AM–12:00 PM

**Organizer:** Matthew Looper

**Chairs:** Matthew Looper and Heather Orr

**Participants:**

- 8:00 Adriana Ofelia Agüero Reyes—Stone or Clay?: The Significance of Power Elements in the Olmec Ballgame Attire Iconography
- 8:15 Jeffrey Blomster—The Naked and the Clothed: Embodiment, Gender and Social Identity in Formative Oaxaca and Olman
- 8:30 Virginia M. Fields—X Marks the Center of the Universe
- 8:45 Katherine Faust—Skin Deep: A Comparison of Formative Period Olmec and Postclassic Huastec Body Iconography
- 9:00 Billie Follensbee—Gender-Neutral and Gender-Ambiguous Costume in Formative Period Gulf Coast Cultures, and its Implications
- 9:15 Julia A. Hendon—Social Contexts of Textile Production in Formative Maya Lowlands
- 9:30 Rosemary A. Joyce—Ties that Bind: Cloth, Clothing, and Embodiment in Formative Honduras
- 9:45 Hirokazu Kotegawa—Indumentaria Olmeca: Una Perspectiva a Través de los Monumentos Escultóricos
- 10:00 Sophie Marchegay—Body Modification and Ornamentation Depicted in Formative Period Huastec Figurines
- 10:15 Karen O'Day—Reconstructing Jewelry Sets in the Isthmo-Colombian Area
- 10:30 Carolyn Tate—Regalia and Individual Identity at La Venta Tomb C
- 10:45 Laura Wingfield—Barely There but Still Telling: Ancient Nicoyan Dress, Body Decoration, and Jewelry and Possible Roles for All the Sexes, c. 800 BCE-300 CE
- 11:00 Caitlin Earley and Julia Guernsey—Framed: The Textile Associations of Preclassic Geometric Bands
- 11:15 Guy David Hepp and Ivy Hepp—Continuity and Change in Dress and Ornamentation in Oaxaca: Late Formative and Beyond
- 11:30 Whitney Lytle and Kent Reilly—Wrapped in the Clothing of the Sacred
- 11:45 Heather Orr—People of Many Spirits: Dress and Physicality in the Peg-Base Figural Sculptures of Costa Rica and Panama