

### 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