

## Program

### Wednesday Evening ■ March 26, 2008

- [1] **SYMPOSIUM ■ SOMETHING FOR EVERYONE: APPROACHES TO COLLABORATION WITH NATIVE AMERICAN AND FIRST NATIONS COMMUNITIES (SPONSORED BY THE SAA NATIVE AMERICAN RELATIONS COMMITTEE)**  
**Room:** Regency Ballroom (H)  
**Time:** 6:00 PM–8:15 PM  
**Organizers:** Sonya Atalay and Diane Teeman

**Participants:**

- 6:00 Sonya Atalay and Diane Teeman—Introductory Remarks  
6:15 Diane Teeman—Inroads and Dead Ends: Journeys in Collaboration  
6:30 George Nicholas— Why "Collaboration" Means Much More Than "Working Together"  
6:45 Desiree Martinez and Bridgette Whipple—Removing Hindrances to Collaboration: Acknowledging and Participating in Native American Communication Patterns  
7:00 Carla Burnside—Moving Beyond Consultation  
7:15 Michael Wilcox—Indigenous Archaeology at Old Cochiti: Terminal Narratives and the Pueblo Revolt  
7:30 Sonya Atalay—Community Based Participatory Research: Methods and Applications for Archaeological Collaboration  
7:45 Eldon Yellowhorn—Discussant  
8:00 David Hurst Thomas—Discussant

### Thursday Morning ■ March 27, 2008

*Note: Sessions are not listed chronologically by start-time within each morning or afternoon time block. Refer to sessions at a glance to see temporal placement.*

- [2] **POSTER SESSION ■ SETTLEMENT FEATURES IN THE SOUTHWEST U.S.**  
**Room:** Exhibit Hall (CC)  
**Time:** 8:00 AM–12:00 PM

**Participants:**

- 2-a Winston Hurst, Hugh L. Robinson, Benjamin A. Bellorado, Tucker J. Robinson and Catherine M. Cameron—Raise High the Roof Beams: Early Puebloan Multi-story Roomblock Construction in the Western Mesa Verde Region  
2-b Andy LaFond—Archaic Structures in the Trans-Pecos Region  
2-c Will Russell—Social Interpretations of Linear Ground Features in Central Arizona's Perry Mesa Region  
2-d Signa Larralde—Rapid Update Archaeological Contexts in the Rio Puerco, New Mexico  
2-e Cheryl Paddock and Gary Brown—Great House Architecture of Aztec Ruins: Chacoan Migration or Local Emulation?  
2-f John Hooper, Cassandra J. Albush and Chad V. Kirvan—Testing for Buried Features on the Last Ditch Site, Phoenix, Arizona  
2-g Shanna Diederichs and Aron Adams—Correcting Differential Fill Levels in the Western Great House at Aztec Ruins National Monument:

2-h Backfilling, Excavation, and Archeological Results  
JoAnne Young and Liz Francisco—Square Tower House (5MV00650):  
Its Documentation Evolution

**[3] POSTER SESSION ■ SURVEY METHODOLOGY**

**Room:** Exhibit Hall (CC)

**Time:** 8:00 AM–12:00 PM

**Participants:**

- 3-a Shaun Phillips and Christian Mears—Screening the TRU Data: A  
Geodatabase Model for Exploration and Analysis
- 3-b Christian Mears and Shaun Phillips—What to Do With TRU:  
Supplemental Analyses Using Transect Recording Unit Field Data
- 3-c Megan Perry and Geoffrey L. Jones—Exploring Ancient Cemeteries  
Using Ground Penetrating Radar (GPR): The Case of Wadi Ramm,  
Jordan
- 3-d Mike Cannon and Chet Walker—Remote Sensing and Great Basin  
Hunter-Gatherer Archaeology

**[4] POSTER SESSION ■ SOCIAL ORGANIZATION AND INTERACTION IN THE  
SOUTHWEST U.S.**

**Room:** Exhibit Hall (CC)

**Time:** 8:00 AM–12:00 PM

**Participants:**

- 4-a Matthew Pailles—Wealth Differentiation and Social Organization at Cerro  
Prieto
- 4-b Meaghan Trowbridge—Feasting at the Greatest of Great Houses:  
Implications of the Black-on-White Bowls from the Pueblo Bonito Trash  
Mounds
- 4-c Kelly Swarts—Architecture and Intra-Village Dynamics: A Paleobotanical  
Analysis of Honey Bee Village, A Northern Tucson Basin Hohokam Site
- 4-d Zonna Barnes—Social Identity and Ornamentation in the Ancestral  
Puebloan Southwest
- 4-e Alan Richter—Anasazi Cannibalism in the American Southwest: A Site-  
by-Site and Taphonomic Approach
- 4-f Erin Hudson—People on the Landscape: Using GIS to Investigate Social  
Interaction and Community Structure in the Bear and Gallinas  
Mountains, New Mexico
- 4-g Peter Condon and Willi Hermann—Socio-Organizational Responses to  
Environmental Stress in the Northern Chihuahuan Desert: Examining  
Architectural Variability during the late Mesilla phase A.D. 600 to 1100.
- 4-h Caroline Gabe—Gender Imagery in the American Southwest
- 4-i Melissa Elkins—Mogollon Brown Smudged Ware Ceramics in the  
Chacoan Frontier World: Reflections on Style, Function, and Identity

**[5] POSTER SESSION ■ ISSUES IN LITHIC STUDIES**

**Room:** Exhibit Hall (CC)

**Time:** 8:00 AM–12:00 PM

**Participants:**

- 5-a Gigi York—Use of the Sling and Slingstones in Oceania and the  
Americas
- 5-b Jason Paling, Justin Lowry and Marx Navarro Castillo—Replication and  
Use-wear Analysis of Shell and Stone Adzes
- 5-c Christina Sinkovec—The Curation of Lithic Debitage Collections: Current  
Practices, Problems and Future Directions

**[6] POSTER SESSION ■ STUDIES IN AFRICAN ARCHAEOLOGY**

**Room:** Exhibit Hall (CC)

**Time:** 8:00 AM–12:00 PM

**Participants:**

- 6-a Magen Coleman, Jeffrey R. Ferguson, Michael D. Glascock, J. David Robertson and Stanley H. Ambrose—Revisiting Obsidian from Eastern Africa
- 6-b Kris Kovarovic and Briana Pobiner—Bones of Ol Pejeta: Neotaphonomic and Ecological Survey
- 6-c David Cohen—Subaltern Histories on the Fringe of the Kgalagadi, Botswana
- 6-d Ceri Ashley—Mobility and Socio-Economic Organisation in Early Kenyan Hunter-Gatherer Communities
- 6-e Loretta Dibble and John W.K. Harris—Prey Fish Habitat and Locations of Holocene Fishing Camps in Lake Turkana, Northern Kenya

**[7] POSTER SESSION ■ CALIFORNIA ARCHAEOLOGY**

**Room:** Exhibit Hall (CC)

**Time:** 8:00 AM–12:00 PM

**Participants:**

- 7-a Charlotte Sunseri—Hunter-gatherer Economic and Land Tenure Systems of Central California
- 7-b Lee Panich—Native Persistence in Colonial Baja California: A Case Study from Mission Santa Catalina
- 7-c Cristie Boone—Stochasticity, State, and Simulation: How Dynamic State Variable Modeling Can Enhance Zooarchaeological Research
- 7-d Gwyn Madden, R. Eric Hollinger, Cheri Botic and Tachi Yokut Tribe Cultural Com Santa Rosa Rancheria—Re-Examination of a Cave Burial From Kern County, California
- 7-e Roger La Jeunesse, Kevin Miller, John Pryor and Paul Langenwalter—Phylogenetic Relationship of Mid-Holocene Canines from California and their Relationship to Dog Domestication
- 7-f Linda Akyuz—Site Relationships and the Cultural Landscape of the Palos Verdes Peninsula
- 7-g Cassidy Yoder and Eric Bartelink—A Bioarchaeological Examination of Health and Diet in Mainland and Coastal California
- 7-h Kish La Pierre—Investigations of a Rock Feature Complex at the Eastern Searles Lake Site (CA-SBR-12134/H) in the Western Mojave Desert, San Bernardino County, California
- 7-i Linda Reynolds—The Prehistoric Archaeological Record of the Alpine and Sub-Alpine Zones of the Eastern High Sierra Nevada
- 7-j Barbara Klessig and René Vellanoweth—Impressions in Asphaltum: A Look at Basketry and Cordage Impressions from CA-SNI-25
- 7-k Patricia Tuck—Pan ox su: The Archaeology of Deep Canyon

**[8] POSTER SESSION ■ TOPICS IN EURO-AMERICAN HISTORICAL ARCHAEOLOGY**

**Room:** Exhibit Hall (CC)

**Time:** 8:00 AM–12:00 PM

**Participants:**

- 8-a Victoria Schmitt and J. Scott Cardinal—From Farmhouse to Bunkhouse: The Andrew Shelters Log House and Site
- 8-b David Maxwell—60 Years in Canada: A Archaeologists Guide to Canadian and North American Beer Cans

- 8-c Sara Bon-Harper and John G. Jones—Historical Ecology of the Monticello Landscape
- 8-d Elizabeth Clites and Lynsey Bates—Whose Trash is This? Unraveling Ethnostratigraphy on Monticello Mountain
- 8-e Elizabeth Horton—In the Crossfire of Canons: Military Laundresses at Fort Vancouver, Washington
- 8-f Sean Doyle and Kathryn Dumm—Standing Buildings and Historical Archaeology: A Methodological Approach for the Northern Rio Grande Region

**[9] POSTER SESSION ■ TEACHING AND PUBLIC OUTREACH**

**Room:** Exhibit Hall (CC)

**Time:** 8:00 AM–12:00 PM

**Participants:**

- 9-a Steven Simms, Patricia Lambert and Bonnie Pitblado—Masters Degree Program in Cultural Resource Management Archaeology at Utah State University
- 9-b Linda Whitman—The Many Hats of Public Archaeology at the University of Akron, Ohio
- 9-c Elizabeth May, Joe Elkins, Nichole Elkins and Robert Jones—Bison, Blisters, and the “Teachable Moment:” Experiment and Experience in Archaeological Training
- 9-d Dru McGill, Eric Stockdell, Staffan Peterson and Christine Fik—Research, Education, and Outreach in Recent Field Schools at Angel Mounds (12-Vg-1), Indiana
- 9-e Cassandra Harper—Archaeology has Class – Developing Curricula to Teach Archaeology in Florida
- 9-f Sara Gonzalez—Making Dirt Pathways Digital: The Kashaya Pomo Interpretive Trail Project

**[10] POSTER SESSION ■ RECAPTURING BLACKFEET HERITAGE THROUGH ARCHAEOLOGICAL RESEARCH: THE KUTOYIS BISON JUMP SITE, TWO MEDICINE RIVER, MONTANA**

**Room:** Exhibit Hall (CC)

**Time:** 8:00 AM–12:00 PM

**Organizers:** Maria Zedeno and William Reitze

**Participants:**

- 10-a Nicholas Laluk, Maria Nieves Zedeno, John Murray and Kacy Hollenback—Kutoyis: Blackfeet Collaboration and Archaeological Interpretation
- 10-b Maria N. Zedeno, Jesse Ballenger, Nicholas Laluk, William Reitze and Dale Fenner, Sr.—Driving Bison on the Two Medicine River, Montana: The Spatial Logic of Kutoyis
- 10-c William Reitze, Jesse Ballenger, Nicholas Laluk, John Murry and Nieves Zedeno—Bone Bed Geoarchaeology: The Kutoyis Site, MT
- 10-d John Murray, Jesse Ballenger, William Reitze, Nicholas Laluk Reitze and Maria Nieves Zedeno—Taphonomic Assessment of the Kutoyis Bison Jump, Blackfeet Indian Reservation, Montana
- 10-e Robert Jones and William Reitze—Labor on the Line: Experimental Archaeology and the Kutoyis Site, MT

**[11] POSTER SESSION ■ NEW APPROACHES TO OLD PROBLEMS: POSTERS  
SPONSORED BY THE JOURNAL OF EVOLUTIONARY AND HISTORICAL  
SCIENCES**

**Room:** Exhibit Hall (CC)

**Time:** 8:00 AM–12:00 PM

**Organizer:** Carl Lipo

**Participants:**

- 11-a Veronica Harper, Jessica Jaynes, Carl Lipo and Robert Dunnell—  
Beveled Projectile Points and Ballistics Technology
- 11-b Jimmy Daniels and Carl Lipo—Digital Image Processing of Shell Temper  
Variability in Late Prehistoric Ceramics
- 11-c Kristin Safi, Chris Watkins, Carl Lipo and Hector Neff—Luminescence  
dating of prehistoric Hohokam irrigation canals using IRSL and SAR  
analyses
- 11-d Brooke Hundtoft, Roberta Thomas and Carl Lipo—Stylistic Analyses of  
Stemmed Obsidian Chipped Stone Tools on Easter Island
- 11-e Floyd Aranyosi—Evaluating explanations for the Irish chambered grave  
typology
- 11-f Robert Dunnell and James Feathers—A New Approach to Ceramic  
Chronology in the Mississippi Valley
- 11-g John Dudgeon and Amy Commendador-Dudgeon—Phylogenetic  
analysis of prehistoric population structure: New insights from old  
genomic DNA
- 11-h Ben Marler, Herbert D. G. Maschner and Gregory G. Green—Is Costly  
Signaling Costly?
- 11-i Mark Madsen, Carl Lipo and Alex Bentley—Seriation Methods for  
Inferring Social Network Structure From Archaeological Data
- 11-j Diana Greenlee—A New Look at Historic Impacts on Poverty Point's Old  
Landscape
- 11-k Will Gilstrap, Carl Lipo and Hector Neff—The Chronology and Variability  
of Etruscan Architectural Terracotta
- 11-l Sachiko Sakai—Explaining Change in Production and Distribution  
Pattern of Olivine Ceramics in the Arizona Strip and Adjacent Areas in  
the American Southwest
- 11-m Tony Quach and Hector Neff—Use Wear and Elemental Analysis of  
Lithic Microdrills from San Pedro, California
- 11-n Alex Morrison—The Spatial Structure of Rapa Nui Settlement on the  
Northwest Coast: A Multi-Level Selection Approach to the Analysis of  
Community Organization
- 11-o Eugen Ruzi—Compositional Variability in the Albanian Neolithic, Copper  
and Bronze Age Pottery

**[12] GENERAL SESSION ■ SUBSISTENCE STUDIES IN THE SOUTHWEST U.S.**

**Room:** Ballroom A

**Time:** 8:00 AM–8:45 AM (CC)

**Chair:** Steve Swanson

**Participants:**

- 8:00 David Doyel, Adrienne Rankin and Christian Black—Agriculture in Native  
Economies in Western Papagueria, Arizona
- 8:15 Elisabeth Cutright-Smith—Modeling Ancestral Hopi Agricultural  
Landscapes: Applying Ethnography to Archaeological Interpretations
- 8:30 Steve Swanson, Arleyn Simon and Todd Bostwick—Hohokam Agave  
Production in the Phoenix Basin

**[13] SYMPOSIUM ■ CIRCA 1530: INTEGRATING ARCHAEOLOGY AND ETHNOHISTORY IN THE ANDES**

**Room:** Ballroom B (CC)

**Time:** 8:00 AM–12:00 PM

**Organizer:** Joanne Pillsbury

**Participants:**

- 8:00 Joanne Pillsbury—The Rashomon Effect and the Uses of Documentary Sources for Andean Archaeology
- 8:15 Carmen Arellano and Ramiro Matos—Rethinking Inka Politics on Demarcation: The Case of the Wamani Pumpu
- 8:30 Marco Curatola Petrocchi—The use of documentary sources in Andean protohistoric archaeology: some different cases
- 8:45 Alexei Vranich—Ethnohistory in three dimensions
- 9:00 Dennis Ogburn—The Use of Historical Sources in the Archaeological Investigation of the Inca Imperial Road System
- 9:15 Veronica Williams—Social Tension in Northwest Argentina ca. 1000-1536 D.C
- 9:30 John Topic—Documentary Sources for the Study of Catequil
- 9:45 Tamara Bray—An Archaeological Perspective on the Andean Concept of Camaquen: Thinking Through the Objects of Late Precolumbian Ofrendas and Huacas
- 10:00 Guillermo Cock, Elena Goycocyhea and Melissa Murphy—The Siege of Lima and the Evidence of Natives Killed During the Conquest
- 10:15 Alan Covey, Miriam Araóz Silva and Brian Bauer—Interdisciplinary Definitions of a Royal Inka Estate
- 10:30 Brian Bauer and Antonio Coello Rodríguez—The Royal Inca Mummies
- 10:45 Larry Coben—Dance and Sing and do the Inka Thing: Spectacle, Performance, Daily Life and Inka Ethnohistory
- 11:00 Kylie Quave and R. Alan Covey—Reconstructing Political and Economic Hierarchies in the Inka Imperial Heartland (Cusco, Peru)
- 11:15 Steven Wernke—Excavating between the Lines: Textual Silences and Missionary Archaeology in the Colca Valley, Peru
- 11:30 Terence D'Altroy—Discussant
- 11:45 Gary Urton—Discussant

**[14] SYMPOSIUM ■ NEIGHBORHOODS IN ARCHAEOLOGY: THE ASSESSMENT OF INTERMEDIATE UNITS OF SPATIAL AND SOCIAL ANALYSIS**

**Room:** Ballroom C (CC)

**Time:** 8:00 AM–11:45 AM

**Organizers:** Linda Manzanilla and Charlotte Arnauld

**Participants:**

- 8:00 Sergio Chavez—Estructura Formal y Organización Social de los Barrios en Teotihuacán
- 8:15 Richard Blanton and Lane Fargher—Barrio Organization in the Social Construction of Mesoamerican Cities
- 8:30 Linda R. Manzanilla—Neighborhoods and Elite Houses at Teotihuacan
- 8:45 Rebecca Storey and Randolph Widmer—The Tlajinga Barrio: A Distinctive Neighborhood in Teotihuacan
- 9:00 Lourdes Márquez and Rebecca Storey—Teotihuacan Barrios and the Health of Residents: The Risks of Pre-Industrial Urban Living
- 9:15 Ernesto Gonzalez-Licon—The Mexicapam Barrio at Monte Alban, Oaxaca: An Approximation to Household Activities
- 9:30 Norberto Gonzalez-Crespo, Silvia Garza Tarazona, Claudia Alvarado

- Léon and Juan Bernardo Albaitero Rosales—Barrios at Xochicalco? May the Data Talk
- 9:45 Julia Hendon—Neighborhoods in Prehispanic Honduras: Exploring Settlement Patterns and Social Groupings within Communities or Regions
- 10:00 Charlotte Arnauld, Dominique Michelet, Boris Vanniere, Philippe Nondedeo and Eva Lemonnier—Houses, Emulation and Cooperation Among Social Groups at Río Bec
- 10:15 Eva Lemonnier—Neighborhoods in Classic Lowland Maya Societies: Identification and Definition
- 10:30 Marie Fulbert—Intermediate Units in Late Postclassic Maya Sites in the Highlands: an Assessment from Archaeology and Ethnohistory
- 10:45 Timothy Hare and Marilyn Masson—Intermediate-Scale Patterns in the Urban Environment of Postclassic Mayapán
- 11:00 Tsubasa Okoshi—Residence/Delegational Office or Barrios? A Consideration on the Political-Spatial Organization among the Postclassic Yucatan Maya
- 11:15 Michael Smith—Discussant
- 11:30 Louise Paradis—Discussant

**[15] SYMPOSIUM ■ THE POLITICS OF POPULATION REORGANIZATION**

**Room:** 1 (CC)

**Time:** 8:00 AM–11:45 AM

**Organizers:** Andrew Duff and Colin Grier

**Chair:** Colin Grier

**Participants:**

- 8:00 Jangsuk Kim—Selected Acceptance of Refugees by Hosts: Post-Migration Politics around the 4th Century B.C. in Southern Korea
- 8:15 Bumcheol Kim—Opportunistic Leadership and Moving People: Political Economy and Population Reorganization in the Bronze Age, Central-Western Korea
- 8:30 Junzo Uchiyama—Why Jomon Shell Middens Disappeared: A Consideration of Cultural Changes in Complex Foraging Societies
- 8:45 Colin Grier—The Politics of Expansion: Settlement Change in the Southern Gulf Islands, British Columbia, Canada
- 9:00 Bill Angelbeck—Autonomy and alliances: A Scalar Approach to the Organization of Defense in Late Coast Salish Prehistory
- 9:15 Andrew Duff—Crafting Community in the Face of Chaco
- 9:30 J. Andrew Darling—Early Twentieth Century O’odham Migration and Population Reorganization: An Archaeological Perspective
- 9:45 Joshua Torres and Antonio Curet—Population Reorganization and Socio-political Change in the South-Central Coast of Puerto Rico
- 10:00 Susan Alt—Moving People between Politics and Ritual
- 10:15 Elizabeth Klarich—Pottery, Potatoes and Projectiles: Push and Pull Factors in the Development of Pukara
- 10:30 Tina Thurston—‘We live well together’: Sedentization, Villageization and Social Capital in the North European Iron Age
- 10:45 William Parkinson—Long-Term Social Dynamics and the Emergence of Hereditary Inequality: A Prehistoric Example from the Carpathian Basin
- 11:00 Aribidesi Usman—Understanding Urban Trajectory and Sociopolitical Formation on the Yoruba Frontier, Central Nigeria
- 11:15 Michael Blake—Discussant
- 11:30 Andrew Duff—Discussant

**[16] SYMPOSIUM ■ INALIENABLE POSSESSIONS IN THE ARCHAEOLOGY OF MESOAMERICA**

**Room:** 11 (CC)

**Time:** 8:00 AM–10:45 AM

**Organizers:** Brigitte Kovacevich and Michael Callahan

**Chair:** Brigitte Kovacevich

**Participants:**

- 8:00 Rosemary Joyce and Julia Hendon—Persons and Possessions: Archaeological Approaches to Thinking About Things
- 8:15 E. Christian Wells—Cultivated Landscapes as Inalienable Wealth in Ancient Mesoamerica
- 8:30 Brigitte Kovacevich—The Inalienability of Jades in Ancient Mesoamerica Among Elites and Nonelites
- 8:45 Takeshi Inomata—The Production, Exchange, and Possession of Symbolic Objects at Aguateca, Guatemala
- 9:00 Zachary Hruby—Inalienable Possessions and the Gods: Understanding Maya Cache Goods and God Effigies
- 9:15 Michael Callaghan—Problems with “Prestige Goods”: Inalienable Possessions and Polychrome Pottery in the Holmul Region, Guatemala
- 9:30 Jon Lohse—Toward Understanding Commoners through Wealth Fetishism, Materiality, Labor, and Alienation
- 9:45 John Clark—Out of Circulation: Caching Practices in Formative Mesoamerica
- 10:00 Sarah Barber, Andrew Workinger and Arthur Joyce—Who Owns Whom? Inalienable Possessions and Community Identities in the Lower Rio Verde Valley, Oaxaca
- 10:15 Frances Berdan—Emblems of Prestige and Wealth: The Economic Life of Aztec Warrior Regalia
- 10:30 Barbara Mills—Discussant

**[17] SYMPOSIUM ■ ARCHAEOLOGY AND THE INTERNATIONAL POLAR YEAR: PROGRESS ON SOME BIG QUESTIONS IN THE CIRCUMPOLAR NORTH**

**Room:** 8 (CC)

**Time:** 8:00 AM–12:00 PM

**Organizers:** Max Friesen and Owen Mason

**Chair:** Hans Christian Gulløv and Owen Mason

**Participants:**

- 8:00 Max Friesen—Late Dorset Longhouses at Starvation Cove, Victoria Island: Contexts for Contact
- 8:15 Lisa Hodgetts, Pete Dawson and Edward Eastaugh—Magnetometer Survey of Pre-Dorset dwellings in the Southern Keewatin Region of Nunavut
- 8:30 Sarah Finkelstein and Julie Ross—Late Holocene Paleoclimatic Records from the Eastern Canadian Arctic: Archaeological Implications
- 8:45 Nicole Misarti, Bruce Finney, Herbert Maschner and Spencer Wood—Archaeology, (Paleo)Limnology, and (Paleo)Ecology: An Interdisciplinary Use of Stable Isotopes to Correlate Past and Present Ecosystems in the NE Pacific with Human Socio-economic Dynamics.
- 9:00 Dan Odess, Caroline Funk, Erica Hill, Sarah Meitl and Sergey Gusev—The Origins of Eskimo Whaling in Chukotka: Results of the 2007 Field Season
- 9:15 Owen Mason, John Hoffecker, John Darwent, Christyann Darwent and Nancy Bigelow—A Population Surge at Cape Espenberg ca. AD 1100: Was it Catalyzed by Bowhead Whaling?



- 9:30 Anne Jensen—New Light on Thule Origins: The View from Nuvuk, Point Barrow, Alaska
- 9:45 Claire Alix and Glenn P. Juday—In the Steps of J.-L. Giddings: Building Floodplain Tree-ring Chronologies to Date Alaskan and Arctic Driftwood
- 10:00 James Savelle and Arthur Dyke—Thule Culture Settlement History on Somerset Island and Boothia Peninsula
- 10:15 Hans-Christian Gulløv—Thule Culture Subsistence Economy and the Diet
- 10:30 Peter Whitridge—Changing Constructions of Lived Space During the Inuit colonization of Northern Labrador
- 10:45 James Woollett—Regional and Local Archaeological Perspectives on Changing Inuit Communities in Northern Labrador
- 11:00 Bjarne Gronnow—The Thule-'window' in North East Greenland: New Discoveries by the GeoArk Project
- 11:15 Daniel Gendron, Pierre Desrosiers and Tommy Weetaluktuk—Thule Dynamics in Nunavik
- 11:30 Peter Dawson, Lisa Hodgetts, Edward Eastaugh and Luke Suluk—Old Questions, New Prospects: Recent Archaeological and Oral History Research in the southern Keewatin Region of Nunavut.
- 11:45 Christyann Darwent, Genevieve LeMoine, John Darwent, Trine Johansen and Hans Lange—The Contact Era in the Eastern High Arctic: Dynamic Strategies of the Polar Inughuit

**[18] SYMPOSIUM ■ FIRST NATIONS AND ARCHAEOLOGY IN BRITISH COLUMBIA: IMPLICATIONS FOR A THEORY AND PRACTICE OF INDIGENOUS ARCHAEOLOGY**  
**Room:** 12 (CC)  
**Time:** 8:00 AM–12:00 PM  
**Organizers:** Michael Klassen, Joanne Hammond and Rudy Reimer/Yumks  
**Chair:** Rudy Reimer/Yumks

**Participants:**

- 8:00 Rick Budhwa, Michael Klassen and Rudy Reimer—First Nations and Consulting Archaeology in BC: Emerging Trends and the Evolution of Practice
- 8:15 Bruce Miller—Sociocultural Anthropology and Archaeology
- 8:30 Michael Klassen—First Nations and the Archaeology of Opposition: The Politics and Practice of Indigenous Archaeology in B.C.
- 8:45 Carrie Dan—Methods and Ethics in Western Science and Indigenous Archaeology
- 9:00 Wendy Hawkes and Brenda Gould—Decolonizing Archaeology: Insisting on Indigeneity
- 9:15 Nola Markey—Building Heritage Consciousness: Cultural Resource Managers, the Public, and Aboriginal Communities in British Columbia
- 9:30 Joanne Hammond and Simon Kaltenrieder—Decolonizing Archaeology From the End of the Shovel
- 9:45 Marie Barney and Michael Klassen—From Road Blocks to Boardrooms: The St'át'imc, Archaeology, and Sovereignty
- 10:00 Maurice DePaoli—Doing More With Less: Archaeology, Culture and Land Use in the Lower Lillooet River Valley, British Columbia
- 10:15 Vera Asp—Tahltan and Stikine River Drainage Archaeology
- 10:30 Tanja Hoffmann and Debbie Miller—The Easy Give: Archaeology as Mitigation
- 10:45 Sonny McHalsie and Dave Schaepe—Insights from a Decade of Indigenous Archaeology Experienced through the Stó:lo Nation/Tribal

- 11:00 Council  
Melissa Knight and Chief Kelvin Davis—Towards Dane-zaa Cultural Heritage Stewardship in Northeast British Columbia: A Community Perspective
- 11:15 Elroy White—Internalist Archaeology: Not Just for First Nation Archaeologists
- 11:30 George Nicholas—Discussant
- 11:45 Eldon Yellowhorn—Discussant

**[19] SYMPOSIUM ■ CULTURAL & HISTORICAL PERSPECTIVES ON HUNTING AND GATHERING IN NORTH AMERICA**

**Room:** 2 (CC)

**Time:** 8:00 AM–10:45 AM

**Organizers:** Donald Holly and Kenneth Sassaman

**Chair:** Kenneth Sassaman

**Participants:**

- 8:00 Tristram Kidder—What is a Hunter-Gatherer? Reflections from the Southeast
- 8:15 Kent Lightfoot, Edward Luby and Lisa Pesnichak—The Production of Mounded Landscapes by Hunter-Gatherers: A Perspective from San Francisco Bay, California
- 8:30 Lynn Gamble—Shell Bead Money and Network Power among the Chumash Indians: A Hunter-Gatherer Society in Southern California
- 8:45 Anna Prentiss—Culture Change in Hunter-Gatherer Societies: Implications of the Macroevolutionary Model
- 9:00 Kathleen Hull—Thinking Small: Hunter-gatherer Demography and Culture Change
- 9:15 Laura Scheiber and Judson Finley—Mobility as Resistance: Studying Colonialism among Nomadic Hunter-Gatherers in the American West
- 9:30 Kenneth Sassaman—Eastern Archaic Prehistory “as if” History
- 9:45 Asa Randall—Remapping Archaic Social Histories along the St. Johns River, Florida
- 10:00 Brian Robinson—Archaeological Tradition and Explanation in New England
- 10:15 Moira McCaffrey—Visualizing Ancient Social Networks in the Eastern Subarctic
- 10:30 Donald Holly—When Foragers Fail

**[20] SYMPOSIUM ■ SOUTHWESTERN BIOARCHAEOLOGY IN 2008: CURRENT THEMES, ISSUES, AND RESEARCH TRAJECTORIES**

**Room:** 13 (CC)

**Time:** 8:00 AM–12:00 PM

**Organizers:** Catrina Whitley and Ann Lucy Stodder

**Chair:** Catrina Whitley

**Participants:**

- 8:00 Mona Charles—5LP4991: A Case Study in Compliance, Stewardship and the Advancement of Archaeological Knowledge
- 8:15 Dawn Mulhern and Mona Charles—Bioarchaeology of a Basketmaker II Site in Durango, Colorado
- 8:30 Ann Palkovich—Bioarchaeology and Measures of Hardship in the Prehispanic American Southwest
- 8:45 Elizabeth Perry—Trends in Women's Health and Labor Relations in the Ancestral Puebloan Southwest: A Bioarchaeological Approach

- 9:00 Rebecca Hill and Lorrie Lincoln-Babb—Hohokam Classic Period Health: Centuries of Decline?
- 9:15 Nancy Akins—Making a Living in the Upper Rio Grande Area: Health and Mobility in Prehistoric Populations of Northern New Mexico
- 9:30 Catrina Whitley—The Bioarchaeology of the Pithouse to Pueblo Transition on the Taos Frontier: Health, Labor, and Interpersonal Violence
- 9:45 Debra Martin—Patterns of Non-Lethal Head Wounds in the Greater Southwest (AD 900-1350)
- 10:00 Frances Landreth—Hohokam Social Relationships and Variability in Cremation Practices along the Middle Gila River
- 10:15 Teresa Rodrigues and Chris Loendorf—Hohokam Classic Period Community Health: Perspectives from the Middle Gila River
- 10:30 Cara Monroe and Brian Kemp—Mitochondrial DNA Analysis Provides Evidence for an Ancient Southwest Population Expansion
- 10:45 M. Thompson—The Mimbres Dead Across the Pithouse to Pueblo Transition
- 11:00 James Potter—The Treatment of Others: Mortuary, Taphonomic, and Cultural Variation in Early Pueblo I Communities
- 11:15 Heather Edgar and Shamsi Daneshvari—Complex Taphonomic Processes at a Historic Albuquerque Cemetery
- 11:30 John McClelland and Lane Beck—Southwestern Bioarchaeology in the Context of Repatriation: Standards, Qualifications, and Sharing Data
- 11:45 Linda Cordell—Discussant

**[21] GENERAL SESSION ■ WOODLAND AND MISSISSIPPIAN ARCHAEOLOGY**

**Room:** 10 (CC)

**Time:** 8:00 AM–10:00 AM

**Chair:** John Kelly

**Participants:**

- 8:00 Maureen Meyers—Excavating a Mississippian Frontier Mound Site: Results of 2007 University of Kentucky Excavations at Carter Robinson Mound
- 8:15 Alexandra Parsons—The Grand Shell Ring – an Early Mississippian Shell Ring from Jacksonville, Florida
- 8:30 Thomas Shelby—Results of Excavations at 1Mt209, a Multi-component Site in East-central Alabama
- 8:45 Amanda Regnier—Late Mississippian Coalescence in the Alabama River Valley
- 9:00 Patrick Livingood—No Crows Made Mounds: Do Cost-Distance Calculations of Travel Time Improve Distance-Based Models of the Mississippian?
- 9:15 John Kelly, James Brown and Lucretia Kelly—Contextualizing Copper-Working at the Moorehead Phase Mound 34 Cahokia
- 9:30 Annie Way—Surveys to Settlement Systems: Re-evaluating Settlement Hierarchies in the Late Prehistoric Lower Yazoo
- 9:45 Jared May, H. Edwin Jackson, John Sullivan and Markus Dotterweich—Geomorphologic findings at Winterville Mounds, Mississippi

**[22] SYMPOSIUM ■ SUBSISTENCE, SETTLEMENT, AND SOCIETY: FORMATIVE EAST AND SE ASIA IN COMPARATIVE PERSPECTIVE**

**Room:** 18 (CC)

**Time:** 8:00 AM–11:00 AM

**Organizers:** Gideon Shelach and Christian Peterson

**Participants:**

- 8:00 Gideon Shelach and Leore Grosman—From the Younger Dryas to the Yellow River: The Relevancy of West Asian Correlations between Environmental Change and the Beginnings of Agriculture for an Understanding of East Asian Prehistory
- 8:15 Yaroslav Kuzmin—Pottery and Agriculture in the Terminal Pleistocene-Middle Holocene of Northeast Asia: Peculiarities of Spatial-temporal Relationship
- 8:30 Junko Habu and Mark Hall—The View from Opposite Shores: Complex Hunter-Gatherers of the Japanese Archipelago and California
- 8:45 Akira Matsui and Peter Bleed—Jomon Ecological Style, Agricultural Origins, and the Delayed Appearance of Rice Farming in Japan
- 9:00 Peter Lape, Daud Tanudirjo, Gyoung-Ah Lee and Sue O'Connor—New Evidence for Early Agriculture in Island Southeast Asia
- 9:15 Gyoung-Ah Lee, Li Liu, Gary Crawford and Xingcan Chen—Origins of Soybean in East Asia: Comparative, Interdisciplinary Perspectives
- 9:30 Christopher Morgan, Robert Bettinger, Loukas W. Barton, Fahu Chen and Wang H—The Foraging To Farming Sequence at Dadiwan and Implications for the Adoption of Agriculture
- 9:45 Loukas Barton, Seth D. Newsome, Fahu Chen, Hui Wang and Robert L. Bettinger—An Isotopic Evaluation of Early Agriculture at Dadiwan
- 10:00 Ekaterina Pechenkina and Xiaolin Ma—Trajectories of Health in Early Farming Communities of East Asia
- 10:15 John Krigbaum, R. Alexander Bentley, Miriam T. Stark, Michael Pietrusewsky and William Belcher—New Perspectives on Diet, Ecology, and Residence during the Transition to History in the Mekong Delta
- 10:30 Christian Peterson—Regional Variability in the Earliest Hierarchical Societies of Northern China
- 10:45 Ofer Bar-Yosef—Discussant

**[23] GENERAL SESSION ■ STUDIES OF GENDER AND SOCIAL IDENTITY IN MESOAMERICA**

**Room:** 19 (CC)

**Time:** 8:00 AM–9:15 AM

**Chair:** Cherra Wyllie

**Participants:**

- 8:00 Melissa Logan—Defining Complementarity: Gender and Human Imagery in Late Formative West Mexico
- 8:15 Cherra Wyllie—Classic Veracruz Royal Women
- 8:30 Laura Amrhein—A Reconsideration of Nineteenth and Twentieth Century Maya Scholarship and Terminal Classic Maya Phallic Imagery
- 8:45 Shankari Patel—Journey to the East: Women's Ritual at Cozumel
- 9:00 Mark Harlan—Identity and Diversity in the Figurines from Chalcatzingo, Morelos, Mexico

**[24] SYMPOSIUM ■ RESIDUES OF TECHNOLOGY: EXPERIMENTAL CONTRIBUTIONS TO ARCHAEOLOGICAL INTERPRETATIONS**

**Room:** 3 (CC)

**Time:** 8:00 AM–11:45 AM

**Organizers:** Bill Schindler and Timothy Messner

**Chair:** Bill Schindler

**Participants:**

- 8:00 Penny Cunningham—Cache or Carry: Food Storage in the Mesolithic of Northern Europe
- 8:15 Timothy Messner and Bill Schindler—It Tastes Like Burning: Processing Strategies and their Archaeological Visibility in Rendering Arrow Arum Edible
- 8:30 Sonia Zarrillo—Shedding Light on Starch Analyses of Charred Pottery Residues via Experimental Cooking Investigations
- 8:45 Geoffrey Cunnar, Anne Underhill, Fengshi Luan, Haiguang Yu and Hui Fang—Experimental archaeology in the People’s Republic of China: Results of replication and use-wear analysis at the late Neolithic site of Liangchengzhen
- 9:00 Annelou van Gijn—The Importance of Plant-based Craft Activities: An Experimental Approach
- 9:15 Linda Hurcombe—Experimental Archaeology, Ethnography, and Wear traces: Integrating Three Strands of Evidence to Suggest New Chaînes Opératoires for Prehistoric Plant Processing for Cordage and Fabric
- 9:30 Erica Tiedemann and Kathryn Jakes—Characterization of Replicated Yarns Toward Determining Spinning Technology from Textile Fragments
- 9:45 Christina Rieth, Sean Rafferty, Steven Moragne, Jared Latimer and Renee Morgan—Experimental Archaeology and Pottery Manufacture: A Case Study from the Schoharie Valley, New York
- 10:00 Maria Sidoroff, George Pevarnik, Bill Schindler and R. Michael Stewart—An Experimental Approach to Understanding Clay Selection by Ancient Potters in the Delaware Valley
- 10:15 Michael Stewart—Formation of Hearth Basin Features: Implications for the Interpretation of Paleoindian and Later Archaeological Sites in the Middle Atlantic Region, Eastern United States
- 10:30 Marianne Rasmussen—“First, you have to build you own barrow...” Experiments Initiate New Theories on the Technology of Monument Building
- 10:45 Charles Bello, Carolyn Dillian and Nequandra Bowen—True Blue: Vivianite as a Mineral Pigment
- 11:00 Anders Hogberg—Lithic technology in Scandinavian Late Bronze Age – Flint Tools, Experiments and Interpretation
- 11:15 Berit Eriksen—In the Mind of the Maker - Tangible Evidence of Thought in Early Bronze Age Flint Working
- 11:30 Peter Kelterborn—Discussant

**[25] SYMPOSIUM ■ SOCIO-LEGAL CONSTRUCTIONS OF ARCHAEOLOGICAL HERITAGE: INTERSECTIONS IN RIGHTS AND REGULATIONS, OBJECTS AND CULTURES, AND IDENTITY AND INDIGENEITY**

**Room:** 9 (CC)

**Time:** 8:00 AM–9:15 AM

**Organizers:** Hilary Soderland and George Smith

**Chair:** Phyllis Messenger

**Participants:**

- 8:00 Hilary Soderland—The Lens of Law: Legal Regulation, Heritage

- 8:15 Valuation, and Historical Representation in United States archaeology  
Stephen Nash and Chip Colwell-Chanthaphonh—The Unintended  
Consequences of Archaeological Heritage Law
- 8:30 Susan Bruning—Heritage Values, Native Americans, and the Law:  
Articulating Culture in the Legal Sphere
- 8:45 Kirk Cordell—Heritage Resource Management Through Training and  
Technology
- 9:00 Neil Brodie—Discussant

**[26] GENERAL SESSION ■ STUDIES IN WOODLAND CERAMICS AND SYMBOLISM**  
**Room:** 15  
**Time:** 8:00 AM–8:45 AM  
**Chair:** Lauren Sieg

**Participants:**

- 8:00 Katy Mollerud—“X” Marks the Spot: Sourcing Effigy Mound Ceramics  
from the Horicon Site using X-Ray Fluorescence
- 8:15 Lauren Sieg—Canines to Talons: Motifs of the Hopewell Horizon
- 8:30 John Richards and Seth A. Schneider—Comparative Compositional  
Analysis of Woodland and Mississippian Sherds From the Aztalan Site

**[27] SYMPOSIUM ■ HIGHLIGHTING CONTEXT AND DIVERSITY IN THE IMMIGRANT  
EXPERIENCE**  
**Room:** 16 (CC)  
**Time:** 8:00 AM–10:00 AM  
**Organizer & Chair:** Douglas Ross

**Participants:**

- 8:00 Trelle Morrow—Manufacturing Technology of Chinese Stoneware Food  
& Beverage Containers, 1850–2000
- 8:15 A. Dudley Gardner and Laura Pasacreta—Comparison of Micro-floral  
Remains From the Evanston, Wyoming Chinatown and a Chinese  
Bakery in Levuka, Fiji
- 8:30 Laura Pasacreta—Overseas Chinese Burial Practices in the Pacific Rim  
(1850s to 1910s)
- 8:45 Edward González-Tennant and Richard Walter—Archaeological  
Windows on Chinese Transnationalism: An Ethnoarchaeological  
Investigation between New Zealand and South China
- 9:00 Bob Muckle—From Bathhouse to Bunkhouse: The Archaeology of Two  
Early 20th Century Japanese Logging Camps in Western Canada
- 9:15 William White—A Kindergarten at the Camp: Japanese Women and  
Children in Mukilteo, Washington
- 9:30 Douglas Ross—Material Strategies of Asian Immigrant Labourers in  
British Columbia
- 9:45 Ross Jamieson—Discussant

**[28] SYMPOSIUM ■ INTERDISCIPLINARY ARCHAEOLOGY ON VIKING AGE ICELAND:  
THE MOSFELL ARCHAEOLOGICAL PROJECT**  
**Room:** 17 (CC)  
**Time:** 8:00 AM–11:15 AM  
**Organizers:** Rhonda Bathurst and Davide Zori  
**Chair:** Davide Zori

**Participants:**

- 8:00 Jesse Byock—Viking Sites in Iceland: Introduction to the Mosfell  
Archaeological Project
- 8:15 Margret Hallmundsdottir—The Sagas and Icelandic Archaeology

- 8:30 Stanislav Parfenov—GIS Mapping of Viking Age Mosfellsdalur  
8:45 Davide Zori—Excavation of the Viking Age Farmstead at Hrisbrú  
9:00 Phillip Walker and Rhonda Bathurst—Empty Graves and Missing Middens: The Causes and Interpretive Challenges Posed by Poor Preservation at a Viking-age Icelandic Farmstead  
9:15 Jon Erlandson—A Viking Longhouse at Hrisbru, Iceland: Discovery and Dating  
9:30 Karen Milek—The House at Hrisbru in its Icelandic Context: Geoaerchaeology and the Use of Space  
9:45 Rhonda Bathurst—Diatoms as Indicators of Viking Age Site Formation Processes  
10:00 Steve Martin—Paleoethnobotany in Iceland  
10:15 Sebastian Warmlander, Jesse Byock, Davide Zori and David A. Scott—Long- and Short-Distance Trade Goods from an Icelandic Viking Farm  
10:30 Sabrina Sholts and Phillip L. Walker—Three-dimensional Data Analysis of Artifacts from a Viking Age Settlement in Mosfell Valley, Iceland  
10:45 Rebecca Richman, Phillip L. Walker and Sabrina B. Sholts—Analysis of Skeletal Remains from a Viking-Age Icelandic Churchyard using Three Dimensional Models  
11:00 Bjorn Thordarson—MAP and Its Importance for the Local Community of Mosfellsbaer

**[29] SYMPOSIUM ■ ANALYTICAL APPROACHES TO PALAEOLITHIC TECHNOLOGIES**  
**Room:** 7 (CC)  
**Time:** 8:00 AM–12:00 PM  
**Organizers:** Stephen Lycett and Parth Chauhan

**Participants:**

- 8:00 Bruce Bradley—Intention analysis: Experimental Replication of Solutrean Biface Production at Les Maitreaux, France  
8:15 William Archer and David Braun—Variation in the Acheulean of Elandsfontein, South Africa: A Morphometric Approach  
8:30 David Braun, Michael Rogers, John W. K. Harris and Steven J. Walker—Applications of Digital Image Analysis to Landscape Scale Curation Behaviors in Developed Oldowan Industries  
8:45 Jeff Brantingham—The Mathematics of Chaînes Opératoires  
9:00 Briggs Buchanan and Mark Collard—Using Geometric Morphometrics to Assess the Effects of Resharpener on the Shape of Paleoindian Projectile Points  
9:15 Parth Chauhan—A Comparative Study of Mode 2 Assemblages from the Indian Subcontinent  
9:30 Chris Clarkson—In Search of the Technological Signal of the Southern Dispersal  
9:45 Matt Grove and James Steele—Characterizing Forager Movement Patterns: Ethnographic and Archaeological Examples  
10:00 Radu Iovita—Reversed Ontogenies in Stone Tools: A New Method for Investigating Use-lives of Paleolithic Artifacts  
10:15 Stephen Lycett—Cultural Transmission, Genetic Models, and Lithic Variability: Integrative analytical Approaches  
10:30 Gilliane Monnier—A New Perspective on Stone Tool Morphology and Standardization in the Paleolithic, with Implications for “Mental Templates”  
10:45 Michael Shott—Stone-tool Demography: Reduction Distributions in Paleoindian Tools

- 11:00 Gil Tostevin—Flakes in the Round: Combining a Behavioral Approach to Attribute Analysis with 3D Geometric Morphometrics
- 11:15 Nick Toth and Kathy Schick—Behavioral and Geoarchaeological Variables Affecting Lithic Assemblages
- 11:30 John Shea—Discussant
- 11:45 George Odell—Discussant

**[30] SYMPOSIUM ■ LANDSCAPES IN THE NORTHWOODS. CURRENT RESEARCH IN THE UPPER PENINSULA OF MICHIGAN**

**Room:** 20 (CC)

**Time:** 8:00 AM – 9:45 AM

**Organizer:** Luc Litwinionek

**Participants:**

- 8:00 Dillon Carr—Searching for a 'Place' to Call Home: Colonization of the western Great Lakes Landscape
- 8:15 John Anderton, Robert Legg and Robert Regis—Geoarchaeological Approaches to Site Location Modeling and Archaeological Survey, Pictured Rocks National Lakeshore, Michigan, USA
- 8:30 Luc Litwinionek—Foreign to Familiar Landscapes. Paleoindian Occupations Along the Glacial Front in Marquette County, Michigan
- 8:45 James Skibo, Eric Drake, Fernanda Neubauer and Michael Schaefer—Late Archaic and Woodland Lithic resource Selection and Internal Site Structure: A View from the South Shore of Lake Superior
- 9:00 Timothy Scarlett, Susan Martin, Patrick Martin and Bode Morin—The Industrial Landscapes of the Upper Peninsula of Michigan: The Archaeology of Extractive Industry in a Globalizing World
- 9:15 Alex Carroll—Contested Landscapes: Differential Attachments to the Yellow Dog Plains of the Upper Peninsula, Michigan
- 9:30 Marla Buckmaster—Discussant

**[31] GENERAL SESSION ■ SETTLEMENT AND TECHNOLOGY STUDIES IN BRAZILIAN ARCHAEOLOGY**

**Room:** 4 (CC)

**Time:** 8:00 AM–9:45 AM

**Chair:** Rosicler Silva

**Participants:**

- 8:00 Gerson Levi Mendes—Hunter gatherers from Paranapiacaba Mountains, Southeast Brazil
- 8:15 Adriana Schmidt Dias—Hunter-Gatherer Mobility and Territoriality in South Brazil
- 8:30 Joao Fonseca, Jr.—Nimuendajú Reviewed: Archaeology of the Ancient Brazilian Guyana
- 8:45 Juliana Machado—Building Landscapes and Technologies: Ethnoarchaeology in the Mouth of the Amazon River
- 9:00 Lucas Bueno—Lithic Technology and Territorial Boundaries in Central Brazil
- 9:15 Maria Tenorio—Looking for a maritime culture
- 9:30 Rosicler Silva and Julio Cezar Rubin de Rubin—The Carrapato Archaeological Site zoning



**[32] SYMPOSIUM ■ LOS PRIMEROS MEXICANOS: OLD SITES, NEW SITES AND CURRENT RESEARCH ON THE LATE PLEISTOCENE/EARLY HOLOCENE OCCUPATION OF MEXICO**

**Room:** 14 (CC)

**Time:** 8:45 AM–12:00 PM

**Organizers:** Guadalupe Sanchez Miranda and John Carpenter

**Chair:** Joaquin Arroyo Cabrales

**Participants:**

- 8:45 Joaquin Arroyo Cabrales, Oscar J. Polaco, Eileen Johnson and Luis Morett A.—Late Pleistocene Mexican Mammal Faunas
- 9:00 Jose C. Jimenez, Gloria Martínez Sosa and Rocío Hernández Flores—Los Hombres Más Antiguos de México
- 9:15 Gianfranco Cassiano—Late Pleistocene-Early Holocene Occupations in Northeast Hidalgo, Mexico.
- 9:30 Michael Waters, Joaquin Arroyo-Cabrales, Patricia Ochoa-Castillo and Paul Renne—Geoarchaeological Investigations of the Hueyatenco Site, Valsequillo Reservoir, Mexico
- 9:45 Marcus Winter, Cira Martínez López and Robert Markens—Early Hunters and Gatherers of Oaxaca: Recent Discoveries
- 10:00 Guillermo Acosta—Late Pleistocene and Early Holocene Hunter-gatherers in Tropical Environments, Chiapas, Mexico: Current Research
- 10:15 Mario M. Aliphat—The Zacualco-Sayula Basin: Early Human Occupation in Western Mexico
- 10:30 Maria Isabel Hernández Llosas, María de la Luz Gutiérrez Martínez and Alan Watchman—Giant Mural Rock Art and Human Occupation during Early Holocene in Central Baja California
- 10:45 Jesse Ballenger and Vance T. Holliday—Naco, Arizona: Renewed Paleontological and Archaeological Prospecting on the U.S.-Mexico Border
- 11:00 Edmund Gaines, Vance Holliday and Guadalupe Sanchez-Miranda—Paleoindian Sites in Sonora, Mexico
- 11:15 Guadalupe Sanchez Miranda, Vance Holliday, Edmund Gains and John Carpenter—Investigations at El Fin del Mundo Site, Sonora
- 11:30 Bruce Huckell—Discussant
- 11:45 Alejandro Pastrana—Discussant

**[33] SYMPOSIUM ■ AGRICULTURAL PRODUCTION AND SUBSISTENCE IN THE PACIFIC: RECENT ANALYSES AND INVESTIGATIONS**

**Room:** 15 (CC)

**Time:** 9:00 AM–12:00 PM

**Organizers:** Julie Field and Windy McElroy

**Participants:**

- 9:00 Rob Hommon—Boom, Bust, and the Rise of Archaic States in Ancient Hawaii
- 9:15 Jesse Stephen, Mark McCoy and Michael Graves—Microanalysis of an Agricultural System in Makapala, Hawai'i
- 9:30 Windy McElroy—The Development of Wetland Agriculture in a Windward Hawaiian Valley: Evaluating Factors of Risk, Effort, and Production Output in Wailau, Moloka'i
- 9:45 Melinda Allen—Late Holocene Climate Variability and Subsistence Economies in the Marquesas Islands
- 10:00 David Addison and Neil Gurr—How Much Irrigation Was There in Ancient Samoa?

- 10:15 Mark McCoy and Michael W. Graves—Valley and Gulch Agriculture: Innovation, Adaptation, and Agricultural Development in Windward North Kohala, Hawai'i Island
- 10:30 Michael Graves, Julie Field, Mark Oxley and Jason Espiritu—Agricultural Production and Lithic Distribution in Pololu Valley, North Kohala, Hawaii Island
- 10:45 Thegn Ladefoged, Charlotte Lee and Michael Graves—Modeling Life Expectancy and Surplus Production of Dynamic Pre-contact Territories in Leeward Kohala, Hawai'i
- 11:00 Robin Connors—Ka I'a Kinohinohi Pohaku (The Fish that Adorn the Rocks): A Preliminary Report on Shellfish and Sea-urchin Analyses, North Kohala, Hawai'i Island
- 11:15 Owen O'Leary—Temporal changes in fishing strategies at Nu'alolo Kai, Nā Pali Coast, Kaua'i, Hawai'i
- 11:30 Julie Field—Nu'alolo Kai Fauna: Final Analyses and Synthesis
- 11:45 Melinda Allen—Discussant

**[34] SYMPOSIUM ■ THE LEGACY OF CHARLES C. DI PESO: FIFTY YEARS AFTER THE JOINT CASAS GRANDES PROJECT**

**Room:** Ballroom A (CC)

**Time:** 9:15 AM–12:00 PM

**Organizer & Chair:** Michael Whalen

**Participants:**

- 9:15 Randall McGuire, Rafael Cruz and Elisa Villalpando—The Concept Of The Gran Chichimeca, From US And Mexican Perspectives
- 9:30 Robert Hard, A.C. MacWilliams, John Roney and Karen Adams—The Pre-Ceramic Period and Early Agriculture in the Gran Chichimeca
- 9:45 Jane Kelley—The Pithouse Period in Chihuahua
- 10:00 Michael Whalen—Investigating the Origin of Casas Grandes
- 10:15 Paul Minnis—The Casas Grandes Regional System
- 10:30 Christine VanPool and Todd VanPool—Veneration of Charles C. Di Peso: Religious Symbolism and the Plumed Serpent at Paquimé
- 10:45 Gordon Rakita and John Ravesloot—Social and Political Organization at Casas Grandes, Chihuahua, Mexico
- 11:00 John Douglas—Trade and Exchange
- 11:15 David Phillips—The End of Casas Grandes
- 11:30 John Ware and Francisco Mendiola—Before and After Charles C. Di Peso: The Apex of Archaeology in Chihuahua
- 11:45 Carroll Riley—Discussant

**[35] SYMPOSIUM ■ OXYGEN ISOTOPES AS TRACERS OF HUMAN MOBILITY**

**Room:** 19 (CC)

**Time:** 9:30 AM–12:15 PM

**Organizers:** James Burton and T. Douglas Price

**Participants:**

- 9:30 James Burton and T. Douglas Price—Oxygen Isotopes and Proveniencing Humans
- 9:45 Henry Schwarcz—Forensic Isotopic Tracing of Humans: The Role of Geography and Seasonality
- 10:00 Kathryn Hoppe—What Do Isotopic Analyses Reveal about Tte Movement Patterns and Paleobiology of Prehistoric Bison?
- 10:15 Vaughan Grimes, Maura Pellegrini, Thomas Tütken and Michael Richards—A Comparison of Pretreatment and Silver Phosphate

- (Ag<sub>3</sub>PO<sub>4</sub>) Precipitation Methods: Implications for the Analysis of Phosphate Oxygen Isotope Ratios in Bioapatite
- 10:30 Kelly Knudson—Oxygen Isotope Analysis in a Land of Environmental Extremes: The Advantages and Disadvantages of Isotopic Work in the Andes
- 10:45 David Meiggs and Stanley H. Ambrose—Gradients in caprine  $\delta^{18}\text{O}$  intra-tooth profiles from Neolithic Gritille, Turkey: Implications for herd management, human mobility and subsistence
- 11:00 Marie Balasse—Evaluating the Range of Variation of the “Local” Oxygen Isotope Signature at the Intra-Annual, Inter-Annual and Hydrographical Scales
- 11:15 Matt Sponheimer, Julia Lee-Thorp and Sandi Copeland—Oxygen Isotopes and Landscape Use in Africa
- 11:30 Stan Ambrose—Oxygen Isotope Variation in Modern and Prehistoric Human Bones in Eastern and Southern Africa
- 11:45 Julia Lee-Thorp, Randolph Donahue, Maura Pellegrini, Jane Evans and Janet Montgomery—Testing the Assumption of Faunal Migration in the Hunter-Gatherer Seasonal Mobility Model of Mediterranean Europe
- 12:00 James Burton—Discussant

**[36] SYMPOSIUM ■ THE ARCHAEOLOGY AND HISTORICAL ECOLOGY OF SEALS, SEA LIONS, AND SEA OTTERS OF THE NORTH PACIFIC**

**Room:** 9 (CC)

**Time:** 9:30 AM–12:00 PM

**Organizers:** Todd Braje and Torben Rick

**Participants:**

- 9:30 Torben Rick and Todd J. Braje—People, Pinnipeds, and Sea Otters of the North Pacific
- 9:45 R. Lyman—A History of Paleoecological Research on Sea Otters and Pinnipeds of the Eastern Pacific Rim
- 10:00 Terry Jones, Brendan J. Culleton, Judy Porcasi and Shawn Larson—The Prehistory of Sea Otters along the Central California Coast
- 10:15 Susan Crockford and Gay Frederick—Mid-Holocene Sea Ice Changes in the Bering Sea, Inferred from Archaeozoological Analysis of Pinniped Remains from the Eastern Aleutians, Explain Prehistoric Distribution of North Pacific Marine Mammals
- 10:30 Debbie Corbett, Mark Clementz and Daryl Domning—Aleutian Sea Cows: Fact or Fancy?
- 10:45 Veronica Lech, Matthew W. Betts and Herbert D. G. Maschner—Sea Mammal Hunters of Sanak Island, Alaska: A Zooarchaeological Study of Social and Environmental Impacts on the Ancient Aleut Subsistence Economy
- 11:00 Adrian Whitaker and William R. Hildebrandt—The 1500 B.P. Pinniped Collapse: Why Was the North Coast of California Spared?
- 11:15 Diane Gifford-Gonzalez—Holocene Monterey Bay Fur Seals: Distribution, Dates, Social and Ecological Implications
- 11:30 Todd Braje, Torben C. Rick and Jon M. Erlandson—Crossing the Furry Divide: The Archaeology and Historical Ecology of California Channel Island Sea Mammals
- 11:45 Robert DeLong—Discussant

**[37] SYMPOSIUM ■ CULTURAL HERITAGE MANAGEMENT IN LATIN AMERICA: THE DEVELOPMENT OF NEW ORGANIZATION STRATEGIES**

**Room:** 10 (CC)

**Time:** 10:15 AM–12:30 PM

**Organizers:** Alvaro Higuera and Elka Weinstein

**Participants:**

- 10:15 Paul Amaroli and Karen Bruhns—Managing Archaeological Parks in El Salvador
- 10:30 Samuel Connell, Chad Gifford and Alison Loewen—NGO Cash Cow or Anthropology Project? Community Driven Archaeology and Museums at Pambamarca, Ecuador
- 10:45 Alvaro Higuera—The Evolution of Cultural Heritage Management in Peru: Decision-Making and Policies for the Preservation of Heritage
- 11:00 Ronald Lippi and Alejandra M. Gudiño—Coast and Montaña examples of archaeological tourism in Ecuador
- 11:15 Enrique López-Hurtado and Giancarlo Marcone—Pachacamac: Historia y Política en el manejo de un Santuario Prehispánico
- 11:30 María de los Angeles Muñoz—Patrimonio Arqueológico, Usos Sociales y Gestión Cultural: El Modelo de Incallajata, Bolivia
- 11:45 Mario Rivera and Pablo Cañarte—Site Museums and Patrimonial Resources: The Role of the Civil Society in Northern Chile Archaeology
- 12:00 Elka Weinstein—Two Cases of Development in Archaeological Tourism: Museo El Mogote (Real Alto) and the Gran Ruta Inca in Bolivia.
- 12:15 Karen Stothert—Discussant

**[38] FORUM ■ MOTHERHOOD, INSTITUTIONAL CHANGE, AND THE FUTURE OF WOMEN IN ARCHAEOLOGY**

**Room:** 16 (CC)

**Time:** 10:15 AM–12:15 PM

**Organizers:** Maxine Oland and Barbara Roth

**Chair:** Maxine Oland

**Moderator:** Barbara Roth

**Participants:**

- Elizabeth Chilton—Discussant
- Margarie Green—Discussant
- Stacie King—Discussant
- Maureen Meyers—Discussant
- Alison Rautman—Discussant
- Wendy Teeter—Discussant

**[39] SYMPOSIUM ■ THE LANDSCAPES OF LYDIA, WESTERN TURKEY: PRELIMINARY RESULTS OF THE CENTRAL LYDIA ARCHAEOLOGICAL SURVEY, 2005-2007**

**Room:** 20 (CC)

**Time:** 10:00 AM–12:15 PM

**Organizers:** Christina Luke and Christopher H. Roosevelt

**Chair:** Christina Luke

**Participants:**

- 10:00 Christopher H. Roosevelt and Christina Luke—Introduction: Surveying the Landscapes of Central Lydia
- 10:15 Mark Besonen and Christopher H. Roosevelt—Living in Central Lydia: Changing Environmental Conditions

- 10:30 Christina Luke and Christopher H. Roosevelt—Shifting Places: Early Bronze through Iron Age Settlements in Central Lydia
- 10:45 Benjamin Vining and Christopher H. Roosevelt—Geophysical and Microtopographical Survey at Kaymakci, a Regional Capital of the Second Millennium BCE
- 11:00 Kevin Cooney—Central Lydian Lithic Technologies from the Upper Paleolithic through the Bronze Age
- 11:15 Matthew Boulanger, Michael Glascock, Christina Luke, Dan Pullen and Christopher H. Roosevelt—Ceramic Production in Central Lydia from the Early Bronze Age through the Late Lydian Period: Preliminary Results from Instrumental Neutron Activation Analysis
- 11:30 Nicholas Wolff—Geoarchaeology of Iron Age Burial Mounds in Central Lydia
- 11:45 Pinar Ozguner and Christopher H. Roosevelt—Aerial Photography and High-Resolution Satellite Imagery: Assessing Landscape and Land-Use Changes in Central Lydia
- 12:00 Daniel Pullen—Discussant

**[40] SYMPOSIUM ■ POSTCOLONIAL ARCHAEOLOGIES OF AFRICA**  
**Room:** 4 (CC)  
**Time:** 10:15 AM–11:45 PM  
**Organizer:** Jonathan Walz  
**Chair:** Peter Schmidt

**Participants:**

- 10:15 James Denbow—Everybody Here Is All Mixed Up!
- 10:30 Florie Bugarin—Embracing More Voices as Keepers of the Past: a South African Case Study
- 10:45 Peter Schmidt—Archaeology in Eritrea: A Victim of Colonial and Anti-Colonial Legacies
- 11:00 Chapurukha Kusimba—The Human-Wildlife Conundrum: The Archaeological Heritage Debate in Kenya
- 11:15 Jonathan Walz—Archaeologies of Disenchantment
- 11:30 Thomas Patterson—Discussant

**[41] SYMPOSIUM ■ MANIOC, MAIZE, AND MAYA SUBSISTENCE: NEW DISCOVERIES AT CEREN, EL SALVADOR**  
**Room:** 11  
**Time:** 11:00 AM–12:15 PM  
**Organizer & Chair:** Payson Sheets

**Participants:**

- 11:00 Payson Sheets—Research Objectives and Results South of the Ceren Village, El Salvador
- 11:15 Monica Guerra, Payson Sheets and Chris Dixon—Geophysical Investigation at Joya de Ceren Sur
- 11:30 Adam Blanford—Maize Agricultural Fields and Surveying to the South of Ceren
- 11:45 Christine Dixon—Manioc: A New Discovery in the Classic Period Agriculture of Ceren, El Salvador
- 12:00 David Webster—Discussant

**[42] GENERAL SESSION ■ PALEOINDIAN TECHNOLOGY IN THE NEW WORLD**

**Room:** 2 (CC)

**Time:** 11:00 AM–12:30 PM

**Chair:** Ashley Smallwood

**Participants:**

- 11:00 Thomas Jennings—Clovis Lithic Technology: How Diagnostic Is the Debitage?
- 11:15 James Adovasio—Perishable Fiber Artifacts and Paleoindians: New Implications
- 11:30 Andrew Zink—A Dynamic View of Folsom Lithic Technology: Intrasite Analysis of Variation, Flintknapping Skill, and Individual Projectile Point Producers at Barger Gulch Locality B
- 11:45 Charlotte Pevny—Use-Wear Analysis of Clovis Flake Tools from the Gault Site, Texas
- 12:00 Mark Estes—New Western Fluted and Great Basin Stemmed Series sites from Jakes Valley, Eastern Nevada, Central Great Basin
- 12:15 Ashley Smallwood, D. Shane Miller and Albert C. Goodyear—A Spatial Analysis of Biface Reduction at the Topper Site, South Carolina

**[43] GENERAL SESSION ■ OBSIDIAN PRODUCTION AND USE IN MESOAMERICA**

**Room:** 18 (CC)

**Time:** 11:15 AM–12:15 PM

**Chair:** Bradford Andrews

**Participants:**

- 11:15 Bradford Andrews and Michael Glascock—Elites and Stone Tool Economics in Ancient Mesoamerica: The Case of Epiclassic Xochicalco
- 11:30 Leslie Cecil, Prudence M. Rice and Michael D. Glascock—The Role of Obsidian at Zacpetén, El Petén, Guatemala
- 11:45 Alexander Benitez—Late Classic and Epiclassic Period Obsidian Procurement and Consumption in the Southeastern Toluca Valley, Mexico
- 12:00 Dan Healan—Ground Platform Preparation and the "Banalization" of the Prismatic Blade

**[44] GENERAL SESSION ■ SUBSISTENCE PATTERNS IN THE SOUTHEAST U.S.**

**Room:** 17 (CC)

**Time:** 11:30 AM–12:15 PM

**Chair:** James Herbert

**Participants:**

- 11:30 James Herbert—Plant Use and Social Complexity: Some Considerations.
- 11:45 Kelly Orr—Coastal Versus Inland Subsistence Adaptations during the Woodland Period: Vertebrate Fauna from Bayou St. John (1BA21), Baldwin County, Alabama, USA
- 12:00 Kandace Hollenbach—Tracing Prehistoric Plant Use in the Hills of East Tennessee

## Thursday Afternoon ■ March 27, 2008

*Note: Sessions are not listed chronologically by start-time within each morning or afternoon time block. Refer to sessions at a glance to see temporal placement.*

- [45] POSTER SESSION ■ MATERIAL TECHNOLOGIES AND MOBILITY DURING THE PITHOUSE PERIOD OF THE MOGOLLON RIM REGION, EAST-CENTRAL ARIZONA**  
**Room:** Exhibit Hall (CC)  
**Time:** 1:00 PM–5:00 PM  
**Organizers:** Christopher Roos and Kacy Hollenback
- Participants:**
- 45-a Kacy Hollenback—Ceramics and Mobility in the Early Pithouse Period of the Mogollon Rim Region: Early Plainware Examples from Hall Point and the Bluff Site
  - 45-b Caitlin O'Grady, Kacy L. Hollenback and Christopher I. Roos—Of Muds, Pots, and Formation Processes: Experimental Analyses of Organic Clays Available to Pithouse Period Potters
  - 45-c Christopher Roos—Palimpsests and Short-Term Occupations of Early Pithouse Period Sites in East-Central Arizona
  - 45-d Philip Mink and Christopher I. Roos—Hidden Households: Archaeogeophysical Mapping of Mogollon Pithouses at the Hall Point Site (AZ P:11:300 [ASM])
  - 45-e Jane Sliva and Sarah Herr—Refocusing at the Frontier: A New Perspective on Basketmaker Boundaries
- [46] POSTER SESSION ■ SETTLEMENT PATTERNS AND LANDSCAPE USE IN THE SOUTHWEST U.S.**  
**Room:** Exhibit Hall (CC)  
**Time:** 1:00 PM – 5:00 PM
- Participants:**
- 46-a Paul Buck and Sachiko Sakai—Prehistoric Landuse in the Mt. Trumbull area, NW Arizona
  - 46-b Susan Ryan—A Chronological Reconstruction of Occupation at Albert Porter Pueblo
  - 46-c Joel Janetski, Bradley Newbold and David Yoder—Early Human History on the Northern Colorado Plateau: The View from North Creek Shelter
  - 46-d Alison Rautman and Matthew Chamberlin—When is a Defensive Site? Coping with Conflict in Central New Mexico
  - 46-e Anne DuBarton—The Mountains to the Valley: Utilization of Environmental Zones In and Around the Las Vegas Valley
  - 46-f Katherine Heupel—Reading and Recounting the Past in the American Southwest: Archaeological Survey of the Rio Grande Gorge
  - 46-g Cathryn Meegan, Teresa Rodriques, Rebecca Hill and Susan Ledlow—Sustainable Populations in the Prehistoric Southwestern United States
  - 46-h Katherine Dungan—A GIS Analysis of the Chacoan Community at Kin Bineola
  - 46-i Deanna Grimstead and Amanda Reynolds—Spatial and Temporal Patterns of Resource Intensification from 87Sr/86Sr ratios of Archaeofauna derived from Chaco Canyon, New Mexico
  - 46-j Sam Duwe—Group Identity in the Protohistoric Tewa World: An Architectural Analysis of Three Classic Period Tewa Pueblos

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- 46-k Devin White—Predicting Pedestrian Movement in the Western Papaguería Using Networks of Least Cost Routes
- 46-l Karen Schollmeyer—Agriculture, Settlement Patterns, and the Eastern Mimbres in the 12th Century
- 46-m Christopher Turnbow and Alexander Kurota—The Scorpion Site: An Early Doña Ana Phase Farming Settlement in Southern New Mexico
- 46-n Colleen Strawhacker—A Spatial Analysis of the Level of Constructedness of the Small Sites around Two Large Pueblos on Perry Mesa, Arizona
- 46-o Timothy Kearns—The Archaic Occupation at Four Sites in Southwest New Mexico
- 46-p Joshua Jones, Timothy Kearns and Sarah Morgan—The Mogollon Occupation at Red Mountain in Luna County, New Mexico
- 46-q Grant Smith and Sarah Morgan—Revisiting the Dragoon Complex: Investigations at Six Sites in Texas Canyon, Arizona
- 46-r Anastasia Steffen and Jeremy Decker—A Myriad Landscape: Current Research on the Valles Caldera National Preserve
- 46-s Liz Francisco and Julie Bell—An Analysis of Thirteenth Century Residential Sites in the Fewkes Canyon Community of Mesa Verde National Park

**[47] POSTER SESSION ■ RITUALS, SACRED PLACES, AND MORTUARY PATTERNS IN MESOAMERICA**

**Room:** Exhibit Hall (CC)

**Time:** 1:00 PM–5:00 PM

**Participants:**

- 47-a Brett Houk, Debora Trein and James Barrera—Royalty, Ritual, and Rubbish: Preliminary Analysis of Two Late Classic Caches at La Milpa's Plaza B
- 47-b Caitlin Guthrie—Censers and Domestic Ritual at Calixtlahuaca
- 47-c Julie Dennis—Cardinal Directionality in Maya Burials
- 47-d Lenna Nash—Analysis of Skeletal Remains from the Chalillo Dam Salvage Excavations of the Upper Macal River Valley, Belize
- 47-e Whitney Goodwin—Revealing Religious and Political Affiliations through Architecture and Ceramic Production at El Cafetal, Honduras

**[48] POSTER SESSION ■ TOPICS IN EUROPEAN ARCHAEOLOGY—BRONZE AGE THROUGH MEDIEVAL TIMES**

**Room:** Exhibit Hall (CC)

**Time:** 1:00 PM–5:00 PM

**Participants:**

- 48-a Sharon DeWitte—Distribution of Skeletal Lesions Within the East Smithfield Black Death Cemetery
- 48-b F. Worman and James L. Boone—Historical Ecology, Political Ecology: insights from a geoarchaeological study of Islamic Iberia
- 48-c Susan Hughes, Andrew Millard, Jane Evans, Geoff Nowell and Graham Pearson—Anglo-Saxon Residential Mobility and Farming Practices in the Upper Thames Valley, England
- 48-d Kelly Wilhelm—Metallurgical Provenance Study: Transition from Bronze Age to Iron Age in Northern Europe
- 48-e Christina Zore and Mary Ann Owoc—Social Impressions: Bronze Age Cordage Variability in Southern Britain and its Implications
- 48-f Heather Flowers—Iconography and Identity in Early Medieval England: An Analysis of Personal Adornment in Anglo-Saxon Graves
- 48-g Marisela Galindo—Faunal Classification of a Roman Fort in Menorca, Spain



**[49] POSTER SESSION ■ ARCHAEOLOGICAL SETTLEMENT STUDIES AT OMEY ISLAND, IRELAND—AN 18TH-19TH CENTURY FISHING VILLAGE**

**Room:** Exhibit Hall (CC)

**Time:** 1:00 PM–5:00 PM

**Participants:**

- 49-a Mark Schurr—Geophysical Surveys at Omev Island, Ireland
- 49-b Ian Kuijt, Alissa Nauman, John O'Neill, Laura Moore-Shay and Nathan Goodale—Changing settlement practices on Omev Island, Co. Galway, Ireland
- 49-c Frank Vento and Mark Schurr—Geophysical Investigation of a 18-19th century Fishing Village, Omev Island, Ireland

**[50] POSTER SESSION ■ RESEARCH IN THE MIDWEST AND GREAT LAKES**

**Room:** Exhibit Hall (CC)

**Time:** 1:00 PM–5:00 PM

**Participants:**

- 50-a Joseph Miller—Bison and dog at the Dirt Lodge
- 50-b Kevin Nolan, Jarrod Burks and William S. Dancey—Discovering Ohio's Newest Earthwork: Geophysics and Distributional Survey of a Fort Ancient Village and a Hopewellian Enclosure at the Reinhart Site, Pickaway County, Ohio
- 50-c C. Stafford—Punctuated Change in Archaic Settlement Strategies in the Central Ohio River Valley
- 50-d Ashley Evans—Engineering a Prehistoric Earthen Monument: A Geotechnical Investigation of the Mound House Site
- 50-e Nathan Scholl and C. Russell Stafford—Modeling Paleolandscapes in the Lower Ohio River Valley: Late Wisconsin and Early Holocene Landforms in Knob Creek Bottom
- 50-f Janet Brashler and Nate Hansen—Hacklander Ware: A Great Lakes Ceramic Mystery
- 50-g Amy Marquardt, Timothy McCoy, Edward Vicenzi and Richard Ash—The Source of Hopewell Extraterrestrial Metal and Its Anthropological Implications
- 50-h Nicholas Reseburg and Wes Bernardini—GIS Network Analysis of Hopewell Geometric Earthwork Connectivity
- 50-i Jason Goldbach—Lithic Analyses of a Multicomponent Site on a Ridgetop in Boone County, West Virginia
- 50-j Christine Fik—Spatial Analysis of Ground Stone Tools from Unit A at Angel Mounds State Historic Site (12VG1)

**[51] POSTER SESSION ■ CONTACT PERIOD RESEARCH IN NORTH AMERICA**

**Room:** Exhibit Hall (CC)

**Time:** 1:00 PM–5:00 PM

**Participants:**

- 51-a Javier Iñáñez, Robert J. Speakman and Jaume Buxeda i Garrigós—Technological Features of Majolica Pottery: Differentiation and Implications for Archaeometrical Studies
- 51-b William Billeck—Temporal Variation in Small Glass Bead Assemblages in the Plains
- 51-c Michelle Markovics and Andrea White—The Apalachee and the Spanish: Investigations and Public Outreach at an Early Contact Site in Florida
- 51-d Ann Cordell—Paste Variability and Clay Resource Utilization in 16th Century Aboriginal Pottery from St. Augustine, Florida

**[52] POSTER SESSION ■ INTERACTION AND IDENTITY AMONG THE STO:LO-COAST SALISH OF THE LOWER FRASER RIVER WATERSHED, SW BRITISH COLUMBIA**  
**Room:** Exhibit Hall (CC)  
**Time:** 1:00 PM–5:00 PM  
**Organizers:** Dana Lepofsky, Anthony Graesch and David Schaepe  
**Chair:** Dana Lepofsky

**Participants:**

- 52-a Dana Lepofsky, Michael Blake and David Schaepe—Interaction, Identity, and Fraser Valley Archaeology
- 52-b Edith McHalsie, Albert McHalsie and David Schaepe—Establishing Relations between Indigenous Knowledge and Archaeology in the Lower Fraser River Watershed
- 52-c Patrick Moore—Sto:lo Spatial Terminology
- 52-d Keith Carlson—Event and Migration in Coast Salish Settlement Patterns and Identity
- 52-e Susan Formosa, Michael Blake, Dave Schaepe and Dana Lepofsky—Changing Patterns of Pithouse Village Layout in the Fraser Valley
- 52-f David Schaepe—Quantifying Changes in Housepit Features and Social Organization among the Pre-Colonial Sto:lo of the Lower Fraser River Watershed
- 52-g Anthony Graesch, Jeanne Arnold and David Schaepe—Late and Contact Period Sto:lo (Coast Salish) Communities in the Upper Fraser Valley
- 52-h Michael Lenert, Dana Lepofsky and Sue Formosa—Community-Level Interaction at Sxwoxwiyemelh
- 52-i Kisha Supernant and David Schaepe—Defining Community through Defense?: An exploration of rock fortifications and identity formation in the Lower Fraser River Canyon, B.C.
- 52-j Nicole Oakes, Michael Blake and Dana Lepofsky—Mound-Building and the Mortuary Landscape of the Fraser Valley
- 52-k Douglas Brown and Dana Lepofsky—Ancient Ground Stone Celt Production and Exchange in the Fraser Valley and Strait of Georgia, Southwestern British Columbia
- 52-l Willie Charlie and Dana Lepofsky—The Chehalis Landscape of the Harrison Watershed
- 52-m Chris Springer and Dana Lepofsky—Tracking Identity in a Harrison River Valley Pithouse
- 52-n Patrick Morgan Ritchie, Dana Lepofsky and Adrian Sanders—Ancient Settlements on the Harrison River, Southwest British Columbia
- 52-o Amanda King and Dana Lepofsky—Building Relationships between Diverse Communities: Heritage Management, Governance, and Distinct Identities in the Fraser Valley, B.C.

**[53] SYMPOSIUM ■ THE ORGANIZATION OF CORE TECHNOLOGIES: NEW PERSPECTIVES**

**Room:** Ballroom A (CC)

**Time:** 1:00 PM–5:00 PM

**Organizers:** Charlotte Pevny and Caryn Berg

**Participants:**

- 1:00 Jay Johnson—Remembering
- 1:15 Jeanne Binning—Quarry Sites, Non-Quarry Sites, and Biface-Reduction Debitage
- 1:30 Doug Bamforth—When is a Core, and How Would We Know?
- 1:45 Michael Collins and Jon C. Lohse—Continuing Perspectives on Clovis Blade Cores

- 2:00 Mary Prasciunas—Clovis Technological Organization at the Sheaman Site, Eastern Wyoming: An Assemblage Level Test of the High-Tech Forager Hypothesis
- 2:15 Edward Knell—The Organization of Late Paleoindian Cody Complex Core Technology at the Hell Gap Site
- 2:30 Randy Daniel—Core Types and Toolkit Provisioning at the Pasquotank Site in Northeastern North Carolina
- 2:45 Douglas MacDonald—Differential Use of Local Lithic Raw Materials at the Blind Horse Site (Blue Ridge, Va) and Skink Rockshelter (Central West Virginia)
- 3:00 Harry Shafer—A Hunter-Gatherer's Tool and Medicine Kit
- 3:15 Caryn Berg and Claudia Berry— The Applicability of the Parry and Kelly model to sites in the Northern Southwest
- 3:30 Christine Ward and Myles Miller—Designed Expedience? Core Technologies in the Jornada Region of the Southern Southwest
- 3:45 William Parry—Expedient Lithic Technology From Oldowan To Ethnographic: Some Reflections, Twenty Years Later
- 4:00 William Andrefsky—Hafted Biface Life-History and the Organization of Technology
- 4:15 John Clark—Discussant
- 4:30 Mary Lou Larson—Discussant
- 4:45 Robert Kelly—Discussant

**[54] SYMPOSIUM ■ GEOPHYSICAL ARCHAEOLOGY AT WORLD HERITAGE SITES**

**Room:** Ballroom B (CC)

**Time:** 1:00 PM–3:30 PM

**Organizers:** Lawrence Conyers and Chris Gaffney

**Participants:**

- 1:00 Lawrence Conyers—Ground-penetrating Radar Mapping of Mayan Agricultural Fields and Dwellings, Ceren, El Salvador
- 1:15 Eileen Ernenwein and Lawrence Conyers—Ground-penetrating Radar in the Lower Market, Petra, Jordan
- 1:30 Jorg Fassbinder, Sebastian C. Sommer, Karin Berghausen and Tomasz Gorka—Roman Frontiers: Geophysical prospecting of the Limes in Bavaria (Germany)
- 1:45 Chris Gaffney, Vince Gaffney, Susan Kane and Gareth Sears—Linking buried and monumental archaeology at Cyrene, Libya
- 2:00 Sarah Lowry and Lawrence Conyers—Ground-penetrating radar mapping at Pueblo Bonito, Chaco Canyon, New Mexico
- 2:15 Susan Ovenden and Jane Downes—The Heart of Neolithic Orkney
- 2:30 Armin Schmidt and Robin Coningham—South Asian World Heritage Under Threat: from Buddhist temples to Islamic mosques
- 2:45 Michael Hargrave, Rinita Dalan, Jarrod Burks and Lewis Somers—Geophysical Investigations at Cahokia: Methodological Issues and Future Directions
- 3:00 Michele Koons and Eileen Ernenwein—Geophysical Archaeology at Tiwanaku, Bolivia
- 3:15 Dean Goodman, Agamemnon Pantel and Kent Schneider—Discovery and Evaluation of Subsurface Structures at the 2nd Oldest Building in the New World - the Iglesia San Jose Church - using GPR

**[55] SYMPOSIUM ■ THE STONEHENGE RIVERSIDE PROJECT: NEW DISCOVERIES IN THE STONEHENGE LANDSCAPE**  
**Room:** Ballroom C (CC)  
**Time:** 1:00 PM–3:15 PM  
**Organizers:** Douglas Charles, Julian Thomas and Mike Parker Pearson  
**Chair:** Douglas Charles

**Participants:**

1:00 Douglas Charles—Introduction: Stonehenge Viewed from Both Sides of the Pond  
1:15 Mike Parker Pearson—Exploring Stonehenge: The Stonehenge Riverside Project  
1:30 Julian Thomas—Architecture and Memory: The Southern and Western Circles at Durrington Walls  
1:45 Kate Welham, Neil Linford and Andy Payne—An Integrated Geophysical Exploration of the Stonehenge Landscape  
2:00 Ben Chan—Life Amongst the Rubbish: Middening and Conspicuous Consumption at Durrington Walls, Wiltshire, England  
2:15 Tim Pauketat—Discussant  
2:30 Ruth Van Dyke—Discussant  
2:45 Tom Dillehay—Discussant  
3:00 James Brown—Discussant

**[56] SYMPOSIUM ■ THE RELEVANCE OF AMERICAN ARCHAEOLOGY: INTELLECTUAL AND PRACTICE-BASED CONTRIBUTIONS OF JEREMY A. SABLOFF**

**Room:** 1 (CC)

**Time:** 1:00 PM–3:45 PM

**Organizers:** Patricia McAnany and Marilyn Masson

**Participants:**

1:00 Marilyn Masson and Patricia A. McAnany—Relevance and the Career of Jeremy A. Sabloff  
1:15 Ronald Bishop—The Role and Relevance of Research at American Museums  
1:30 Palma Buttles and Fred Valdez—Maya Ceramics: Typology, Analysis, and the Contributions of Jeremy Sabloff  
1:45 Tomas Gallareta Negron—The Sayil Project and Puuc Settlement Studies  
2:00 Kelli Carmean—Limestone and Meaning in the Stone Houses of Sayil, Yucatan, Mexico  
2:15 Michael E. Smith—Ancient Cities: Do They Hold Lessons for the Modern World?  
2:30 David Freidel—The Significance of the Revisionist Paradigm of Ancestral Maya Postclassic (from Decadence to Cosmopolitanism)  
2:45 Richard Leventhal—Collecting the Past: Contemporary Issues of Cultural Property  
3:00 Sarah Nelson—Archaeological Relevance and Writing for Popular Audiences  
3:15 Prudence Rice—Discussant  
3:30 Jeremy Sabloff—Discussant

**[57] SYMPOSIUM ■ MIDDLE HOLOCENE BEHAVIORAL STRATEGIES IN THE AMERICAS**

**Room:** 8 (CC)

**Time:** 1:00 PM–5:15 PM

**Organizers:** Raven Carper and Gustavo Neme

**Chair:** Adolfo Gil and Raven Carper

**Participants:**

1:00 Arleen Garcia-Herbst, José Luis Lanata, Michael Shott, Arleen Garcia-

- Herbst and Luis Garcia Albarido—Middle Holocene Hunter-Gatherer Adaptations: Patagonia and the Great Basin
- 1:15 Daniel Quiroz—The use of faunal resources in the coasts of the Araucanía (Chile) during Middle Holocene
- 1:30 Gustavo Barrientos and W. Bruce Masse—Mid-Holocene Asteroid Airburst/Impacts (ca. 6-4 14C ky BP) in Central and Northeastern Argentina: Exploring Probable Effects on Human Population
- 1:45 Gustavo Neme and Adolfo Gil—Archaeofaunal record and human occupation during Middle Holocene in central-western Argentina
- 2:00 Raven Carper—A model for all seasons: interpreting the middle Holocene record of Mendoza, Argentina
- 2:15 Valeria Cortegoso, Gustavo Lucero and Víctor Durán—Early and middle Holocene Sites in the Andes Cordillera between 29°- 33° S: An assessment of changes reflected in the organization of lithic technology
- 2:30 Renato Kipnis—Middle Holocene Archaeological Gaps and their Explanations
- 2:45 Steven Wolverton, Julie Densmore, Ben Fullerton and Lisa Nagaoka—Human foraging adaptations in southeast Texas during the mid to late Holocene
- 3:00 Amber Johnson—Distinguishing environmental and density-dependent aspects of adaptation
- 3:15 Andrew Ugan—Cooking and Survivorship of *Lepus californicus* Skeletons in a Great Basin desert: Experiments and Implications
- 3:30 Donald Grayson and Lisbeth A. Louderback—The Great Basin of Western North America
- 3:45 David Rhode—Dietary Plant Use by Middle Holocene Foragers in the Bonneville Basin, Western North America
- 4:00 Kelly McGuire and William R. Hildebrandt—Middle Holocene Adaptations on the Central Coast of California: Estuaries and their Influence on the Development of Acorn-Intensive Economies
- 4:15 Luis Borrero—Discussant
- 4:30 Mark Aldenderfer—Discussant
- 4:45 Robert Bettinger—Discussant

**[58] SYMPOSIUM ■ THE RISE OF HIERARCHICAL POLITIES IN THE NORTHERN TITICACA BASIN: RECENT RESEARCH, NEW THEORIES**

**Room:** 12 (CC)

**Time:** 1:00 PM–2:45 PM

**Organizers:** Aimee Plourde and Abigail Levine

**Participants:**

- 1:00 Luis Flores, Silvia Roman and Mark Aldenderfer—El Origen de Qochas en la Cuenca del Ramis y su Repercusión en el Surgimiento de la Complejidad Social
- 1:15 Amanda Cohen—Assembling the Yaya-Mama Religious Tradition
- 1:30 Aimee Plourde and Cecilia Chavez—El Desarrollo del Complejo Ceremonial Formativo en la Cuenca Norte: Evidencias Nueva de los Sitios Anta Moc'o y Huayra Mocco
- 1:45 Abigail Levine—Competition and Cooperation in the Formative Lake Titicaca Basin: New Insights from Taraco, Peru
- 2:00 David Henderson—Archaeology and Hydrology of the Ancient Raised Fields in the Taraco Region of Northern Lake Titicaca
- 2:15 Laura Cannon and Carol Schultze—Socio-Cultural Complexity in Formative Puno Bay, Lake Titicaca Basin, Peru: Evidence from the Tiwanaku Expansion
- 2:30 Charles Stanish—Discussant

**[59] SYMPOSIUM ■ ARCHAEOLOGY WITHOUT BORDERS: RE-EVALUATING THE MESOAMERICAN/CHIBCHAN INTERFACE**

**Room:** 13 (CC)

**Time:** 1:00 PM–5:00 PM

**Organizers:** Carrie Dennett and Geoffrey McCafferty

**Chair:** Carrie Dennett

**Participants:**

- 1:00 Angelica Lopez-Forment—"There's a Hare on my Soup" Foodways and Identity on the Mesoamerican Frontier
- 1:15 Geoffrey McCafferty—Liminal States in an Intermediate Area: Mythistorical Tales and Archaeological Realities
- 1:30 Ellen Bell, Marcello A. Canuto and Cassandra R. Bill—The View from the Other Side: Borders, Boundaries, and Administrative Strategies in the El Paraíso Valley, Western Honduras
- 1:45 Esteban Gomez—Cross-Cultural Interaction in the Gulf of Fonseca, Central America
- 2:00 Doris Maldonado, Rosemary Joyce and Russell Sheptak—Boundaries and Identities: Archaeology in Northern Honduras
- 2:15 Silvia Salgado Gonzalez and Eugenia Ibarra Rojas—Relaciones históricas entre pueblos de Centroamérica y el Caribe entre los siglos XI y XVI
- 2:30 Thomas Wake—Trade, Exchange, and Cultural Boundaries in Central America: A view from Northwest Caribbean Panama
- 2:45 Karen Bruhns—The Romantic Rafters Meet Utter Indifference: Ideology and Technology as Barriers to the Diffusion of Metallurgy on the Mesoamerican-Central American Frontier
- 3:00 Fabio Amador—Oriente: cultural border or transitional zone
- 3:15 Carrie Dennett, Christina Luke and Paul F. Healy—Which Came First? The Marble or the Clay?: Ulua-style Vase Production and Precolumbian Cultural Boundaries
- 3:30 Michael Snarskis—New Evidence for Mesoamerica-Costa Rica Contacts: Usulután Effigy Vessels and Figurines Recovered in Context
- 3:45 Celise Chilcote—Death knows no boundaries: Mortuary patterns in Postclassic Central America
- 4:00 William Fowler—The Northwestern Frontier of the Greater Chibchan Area
- 4:15 Frederick W. Lange—Greater Nicoya and the Mesoamerican/Chibchan Interface
- 4:30 Larry Steinbrenner—Chibchan Mesoamerica, or Mesomeric Chibcha?: Drawing the Line in Greater Nicoya
- 4:45 John Hoopes—Discussant

**[60] SYMPOSIUM ■ STATIC ABUNDANCE OR ABUNDANT STATIC? A RE-EXAMINATION OF ARCHAEOLOGICAL AND PALEOENVIRONMENTAL COMPLEXITY IN WESTERN WASHINGTON**

**Room:** 18 (CC)

**Time:** 1:00 PM–5:00 PM

**Organizer & Chair:** Robert Kopperl

**Participants:**

- 1:00 Astrida Blukis Onat—Thunderbird and the Underground Whale: geoarchaeological evidence of catastrophic environmental change in the Puget Sound Basin
- 1:15 Sarah Campbell—Geomorphological Outliers; Artifacts of Shifting Ground?
- 1:30 Robert Kopperl, Christian Miss and Laura Murphy—Between delta and crest: The importance of mid-reaches of Puget Sound rivers to prehistoric settlement of a dynamic coastal landscape

- 1:45 Christian Miss, Kelly Bush and Robert Kopperl—Linking the Delta and Crest: Archaeology of the Mid-reaches of the Skagit River and its Tributaries
- 2:00 Dennis Lewarch—Holocene Sea Level and Environmental Change in Central Puget Sound, Washington: Implications for Settlement Pattern Models
- 2:15 Rich Hutchings—Avulsion as a Driver of Sociocultural Change: Implications of a Late Holocene Interbasinal Nooksack River Avulsion for Fraser/Nooksack Lowland Prehistory
- 2:30 Phoebe Anderson—Pacific Northwest sea-surface Temperature History derived from archaeological shells
- 2:45 Kristine Bovy—Birds, People and the Environment: Biogeographical and Paleoenvironmental implications from western Washington avifaunal remains
- 3:00 Sarah Sterling, Donald Tatum and Dennis Lewarch—Shoreline changes along the coast Port Angeles Harbor: Archaeological and geomorphologic data from Tse-whit-zen (45CA523)
- 3:15 Gary Wessen—The Archaeology of Paleoshoreline Sites on the Northwestern Olympic Peninsula
- 3:30 Jim Chatters—Paleoenvironments and the Early Human Occupation of the Puget Sound Region
- 3:45 Alecia Spooner—Lost in the Woods: The challenge of reconstructing past environments from pollen records in a topographically complex region
- 4:00 Charles Hodges—Spit Growth and Architectural Space of Shell Middens: Three Case Studies in Puget Sound, Washington
- 4:15 Amanda Taylor and Amanda Taylor—Shell, Drift, and Till: Effects of Erosion on Coastal Archaeology in the Puget Sound and San Juan Islands
- 4:30 James Schumacher, Stephenie Kramer and Scott Williams—Managing for the Future: Washington SHPO vs. Effects of Regional Climate Change
- 4:45 Julie Stein—Discussant

**[61] GENERAL SESSION ■ SITE MORPHOLOGY AND DISPOSAL PATTERNS IN MESOAMERICA AND CENTRAL AMERICA**

**Room:** 19 (CC)  
**Time:** 1:00 PM–1:45 PM  
**Chair:** Ellen Spensley

**Participants:**

- 1:00 Ellen Spensley—Middens at the Microscale: Micromorphology of Ancient Maya Trash Deposits
- 1:15 Kitty Emery and Linda Brown—Ethnoarchaeological Studies of Animal Material Disposal Patterns in the Maya Lowlands and Implications for Maya Zooarchaeology
- 1:30 Tiffany Tchakirides and John Henderson—Identifying Anthropogenic Versus Geological Features in Geophysical Data: A Closer Look at Los Naranjos and Puerto Escondido, Honduras

**[62] SYMPOSIUM ■ THE EARLIEST ATHAPASKANS IN SOUTHERN SOUTHWEST: IMPLICATIONS FOR MIGRATION**

**Room:** 3 (CC)  
**Time:** 1:00 PM–2:45 PM  
**Organizer & Chair:** Deni Seymour

**Participants:**

- 1:00 Bryan Gordon—The Navajo and Apache are Ancestral Chipewyan Canadians: New Support for Two Routes to the American Southwest
- 1:15 Dale Walde—Finding and Not Finding Athapaskans in the Archaeological

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- Record
- 1:30 Kevin Gilmore and Sean Larmore—Migration Models and the Athapaskan Diaspora as viewed from the Colorado High Country
- 1:45 David Hill—Variability in the Production and Use of Ceramics by Athapaskan Speakers in the Western United States
- 2:00 David Brugge—Emergence of the Navajo People
- 2:15 Doug Dykeman and Paul Roebuck—Navajo Emergence in Dinétah: Social Imaginary and Archaeology
- 2:30 Deni Seymour—Pre-Differentiation Athapaskans (Proto-Apache) in the 13th and 14th Century Southern Southwest

**[63] SYMPOSIUM ■ ARCHAEOLOGY OF THE BAHAMA ARCHIPELAGO**

**Room:** 9 (CC)

**Time:** 1:00 PM–4:45 PM

**Organizer & Chair:** Michael Pateman

**Participants:**

- 1:00 Charlene Hutcheson—Spirals in art as a representation of life and religion, with special reference to a spiral weave pattern found on Palmetto ware basketry impressed ceramics, Pigeon Creek site, San Salvador, Bahamas
- 1:15 Emma Bate—Palmetto Ware and Majolica: The Ceramics of the Long Bay Site, San Salvador Island, The Bahamas
- 1:30 Betsy Carlson—Specialized Activity Sites: Linking the Prehistoric Inhabitants of the Bahamian Archipelago and the Greater Antilles
- 1:45 Pete Sinelli—Indigenous exploitation of small cay environments in the southeastern Bahama archipelago
- 2:00 Perry Gnivecki—Lucayan Toolkits: A Preliminary View
- 2:15 Thomas Delvaux—A Review of the North Storr's Lake Site (SS-4)
- 2:30 Michael Pateman—Prehistoric Use of Caves in The Bahamas
- 2:45 William Schaffer, Robert Carr and Jane Day—Prehistoric Use of Preacher's Cave, Eleuthera, The Bahamas
- 3:00 Jane Day and Robert S. Carr—Enhancing the Written Record: Using Archaeology to Expand the Historic Legacy at Preacher's Cave, Eleuthera, Bahamas
- 3:15 Corey Malcom—The Wreck of the Slave Ship Peter Mowell
- 3:30 William Grant—Symmetry was for Rebels: A Descriptive Comparison of Southeastern United States and Bahamian Loyalist Plantation Design
- 3:45 Eric Poplin, Colin Brooker, Andrew Agha and Nicole Isenbarger—Investigation of John Moultrie's Belle Vista Plantation, South Ocean Resort, New Providence
- 4:00 Holly Herbster and Deborah C. Cox—Tales of Two Islands: History and Archaeology in the Bahamas
- 4:15 Jane Baxter—Discussant
- 4:30 William Keegan—Discussant

**[64] SYMPOSIUM ■ THE MIDDLE ASIAN INTERACTION SPHERE**

**Room:** 14 (CC)

**Time:** 1:00 PM–1:45 PM

**Organizers:** Aram Yardumian, Gregory Possehl and Chris Thornton

**Participants:**

- 1:00 Holly Pittman—Middle Asian Interaction Sphere and the Iranian Plateau
- 1:15 Gregory Possehl—The Bactria-Margiana Archaeological Complex and the Greater Indus Valley
- 1:30 Daniel Potts—Discussant



**[65] SYMPOSIUM ■ INTERNATIONAL CURATION STANDARDS: WHAT'S WORKING, WHAT'S NOT**

**Room:** 15 (CC)

**Time:** 1:00 PM–4:00 PM

**Organizers:** Jessica Johnson and Kathy Perrin

**Chair:** Jessica Johnson and Kathy Perrin

**Participants:**

- 1:00 Hedley Swain—Relevance, and Engagement, Towards a New Model for Archaeological Collections
- 1:15 Kathy Perrin—A future for the past
- 1:30 Barbara Chevallier and Cynthia Dunning—Standards of conservation of archaeological archives in Switzerland, a federal country
- 1:45 Edward Bourke—Towards the creation of an Irish Archaeological Archive
- 2:00 David Bibby—From the Dirt to the Disk: a Continuum
- 2:15 Julia King—Creating Digital Access to Archaeological Collections: The View from Maryland
- 2:30 Virginia Myles—Parks Canada Agency (PCA) Archaeological Collection Review
- 2:45 Teresa Moreno, Nancy Odegaard and Alyce Sadongei—Integration of Tribal Consultation to Help Facilitate Museum Conservation and Collections Management
- 3:00 Odile Madden, Jessica Johnson, John Beaver and Jae Anderson—Pesticide testing protocols at the Smithsonian Institution
- 3:15 Doug Currie—Preservation, Access, and the use of Archaeological Collections for Education
- 3:30 Chris White and Nancy Odegaard—How a Conservation Survey Evaluated the Success of Ancient and Historic Repairs to Southwestern Pottery
- 3:45 William Green and Nicolette Meister—The Logan Museum of Anthropology's Collections Accessibility Project: A Multi-phase Approach to Improving Preservation and Access

**[66] GENERAL SESSION ■ SUBSISTENCE PATTERNS IN THE PLAINS AND ROCKY MOUNTAINS**

**Room:** 16 (CC)

**Time:** 1:00 PM–1:45 PM

**Chair:** Jeffrey Hokanson

**Participants:**

- 1:00 Gabrielle Elliott and A. Dudley Gardner—Cultigens and Storage Facilities During the Formative Period in Northwestern Colorado 800-1200BP
- 1:15 Jeffrey Hokanson—The Four Dimensions of Fire-Affected Rock Features: A Behavioral Approach
- 1:30 Kathy Puseman, Linda Scott Cummings and Thaddeus Swan—Pollen, Macrofloral, and Fourier Transform Infrared Spectrometry (FTIR) Analyses at Skeeter Shelter, Site 5EP46, Colorado

**[67] Ethics Bowl**

**Room:** 17 (CC)

**Time:** 1:00 PM–3:00 PM

**Chairs:** Julie Hollowell and Dru McGill

**[68] SYMPOSIUM ■ SHAPESHIFTING: MATERIALITY IN NORTH AMERICA'S FIRST EUROPEAN SETTLEMENTS**

**Room:** 7 (CC)

**Time:** 1:00 PM–3:00 PM

**Organizer:** Ninian Stein

**Chairs:** Krysta Ryzewski and Ninian Stein

**Participants:**

- 1:00 Catherine Carlson—Foodways of Fur Traders on the Northern Frontier of the Columbia District, 1821-1842, on the British Columbia Plateau
- 1:15 David Morgan and Kevin C. MacDonald—Material Perspectives on Late Colonial Ethnicity on the Louisiana Frontier: Architecture and Pottery at the 1786-1816 Coincoin Plantation
- 1:30 Caroline Frank—Fit for a King: Chinese Pottery in the Northern Plantations
- 1:45 Peter Morrison and Jeffrey Brain—The First English Buildings in New England: Structures at the Popham Colony, 1607-1608
- 2:00 Kaitlin Deslatte and Krysta Ryzewski—Collectibles, Curiosities, and the Colonial Experience
- 2:15 LisaMarie Malischke and Michael Nassaney—The French Experience in Southwest Michigan: Material Dimensions of Syncretism at Fort St. Joseph, a Mission-Garrison-Trading Post Complex at the Edge of Empire
- 2:30 Ninian Stein—"The English, of the full ripe corn ground, make very good bread": The Adoption of Maize and Related Cultivation Technology By Early European Settlers in Southern New England
- 2:45 James Garman—The Greed of These People is Great: An Archaeology of Mercantilism in the Rhode Island Colony

**[69] SYMPOSIUM ■ SPECIALIZATION, INTENSIFICATION AND DIVERSIFICATION IN ANIMAL EXPLOITATION STRATEGIES DURING THE LATE PLEISTOCENE IN THE MEDITERRANEAN BASIN**

**Room:** 20 (CC)

**Time:** 1:00 PM–5:00 PM

**Organizers:** Natalie Munro and Levent Atici

**Chair:** Levent Atici

**Participants:**

- 1:00 David Cochard and Véronique Laroulandie—Small game exploitation at the end of the palaeolithic in the South of France
- 1:15 James Enloe—Specialization, Diversification and Global Warming: Changes in Faunal Exploitation in Tardiglacial France
- 1:30 Anne Bridault—Deciphering animal resource exploitation strategies during the Late Glacial and Early Holocene in France
- 1:45 Bryan Hockett and Jonathan Haws—Continuity in Animal Resource Diversity in the Upper Paleolithic Diet of Central Portugal
- 2:00 Tiina Manne and Nuno Bicho—Vale Boi: Rendering new understandings of resource intensification, diversification, and specialization in southwestern Iberia
- 2:15 J. Emili Aura, Manuel Pérez Ripoll, Juan V. Morales and Jesús Jordá Pardo—Prehistoric Economy of the Spanish Mediterranean region (ca. 20,000 – 10,000 ky BP). Transitions in Western 'Finis Terrae'
- 2:30 Ana Belén Marín Arroyo—Economic Adaptations During the Late Glacial in Northern Spain: An Empirical Approach
- 2:45 Nellie Phoca-Cosmetatou—Diversification and Specialisation in Late Glacial Italy: Can it be a Tale of Both?
- 3:00 Britt Starkovich—Dietary changes during the Aurignacian at Klissoura Cave 1, Peloponnese, Greece

- 3:15 Mary C. Stiner—Hunters of the Initial Upper Paleolithic: Results from Üçaözly Cave (Hatay, Turkey)
- 3:30 Levent Atici—Specialization, Intensification, and Diversification in Animal Exploitation Strategies during the Terminal Pleistocene in the Mediterranean Turkey
- 3:45 Nimrod Marom—Wild Game Exploitation Patterns Around the Sea of Galilee, Northern Israel, at the Pleistocene – Holocene Boundary
- 4:00 Reuven Yeshurun—The Role of Small Carnivores in the Natufian Economy: A View from Mount Carmel, Israel
- 4:15 Natalie Munro—Variability in Late Epipaleolithic (Natufian) Hunting and Game Processing Strategies in Northern Israel
- 4:30 Alan H. Simmons—Until the Cows Come Home.....
- 4:45 Lawrence Straus—Discussant

**[70] SYMPOSIUM ■ FORENSIC ARCHAEOLOGY: PAST, PRESENT, & FUTURE**

**Room:** 4 (CC)

**Time:** 1:00 PM–2:30 PM

**Organizer:** Kimberlee Moran

**Participants:**

- 1:00 Susan White—Adipocere - A Suitable Case for Review
- 1:15 Dick Gould—Training and Reality in Disaster Archaeology
- 1:30 Jules Angel, Annalies Corbin and Sheli O Smith—Forensics for Kids: How CSI Fell From Grace
- 1:45 Derek Congram—Between Historic and Forensic; Spanish Civil War Exhumations in Ucles (Cuenca Province), Spain
- 2:00 Vaughn Bryant—From Archaeology to CSI: Applications in Forensic Palynology
- 2:15 Kimberlee Moran—Forensic Archaeology: Theory & Practice

**[71] SYMPOSIUM ■ RECENT ADVANCES IN ROCK ART RESEARCH**

**Room:** 2 (CC)

**Time:** 1:15 PM–5:00 PM

**Organizer & Chair:** Lenville Stelle

**Participants:**

- 1:15 Marvin Rowe—Rock Art in Qatar, a Desert Almost Devoid of Rocks
- 1:30 Peter Jordan—Practising Meaning in the Rock Art Traditions of Northern Eurasia
- 1:45 Paola Dematte—The Written Landscape: Rock Art of Northwestern China
- 2:00 Ilhong Ko—A Comparative Study of Korean Neolithic and Bronze Age Rock Art
- 2:15 Brenda Gould and Nelson Tallio—The Significance of the Thorsen Creek Petroglyph Site
- 2:30 Mavis Greer and John Greer—Weaponry in Northwestern Plains Rock Art of North America
- 2:45 Rob Ferguson—Kejimikujik: Nineteenth-century Iconography in Mi'kmaq Rock Art
- 3:00 Larry Loendorf—Valley of the Shields, Montana, Re-visited.
- 3:15 Lenville Stelle—Blood of the Ancestors Grotto: Ritual Behavior
- 3:30 Donna Gillette and Teresa Miller Saltzman—Recent Advances in Rock Art Research
- 3:45 Lynda McNeil—Behind Smoking Mirror Pendants and Powamu: Hopi-Fremont Cultural Affiliation
- 4:00 Carlos Rincon Mautner—Pictograms, Petroglyphs and the Development of Writing in the Mixteca

- 4:15 Michele Hayward, Frank Schieppati and Michael Cinquino—Spirituality from a Prehistoric Caribbean Context
- 4:30 Reinaldo Morales—Gendered Display: Warfare Iconography in the Rock Art of Northeast Brazil
- 4:45 David Whitley—Discussant

**[72] SYMPOSIUM ■ INSIDE-OUT: THE ROLE OF CONTINGENCY AND EXPERIENCE IN 'DOMESTIC' CONSTRUCTION**

**Room:** 10 (CC)

**Time:** 1:15 PM–4:15 PM

**Organizers:** Neal Ferris and Chris Watts

**Participants:**

- 1:15 Jennifer Birch—Terminal Woodland Coalescence and the Changing Experience of Domestic Space in South-central Ontario
- 1:30 Christopher Watts—A Woodland Home Companion
- 1:45 Jerimy Cunningham—Gender, Power and Domestic Space in the Inland Niger Delta (Mali)
- 2:00 Mary Ann Owoc—Re-crafting the Domestic: Social Technologies and the Creation of Built Forms in the British Bronze Age
- 2:15 Robert Park—Linearity and Longhouses in the Dorset culture
- 2:30 Brooke Milne—Take it Outside! Seasonality, Social Organization, and the Structure of Palaeo-Eskimo Domestic Space
- 2:45 Lisa Rankin—Landscape as Domestic Space Among Mobile Hunter-Gatherers
- 3:00 Gerry Oetelaar—Beyond Activity Areas: The Role of Cosmology in the Organization of Space in Skin-Covered Lodges
- 3:15 Neal Ferris—Home is the Range: Domestic Space Within, and Without, Walls
- 3:30 Charles Cobb and Brian Butler—Itinerant Histories and the Founding of Mississippian Places
- 3:45 William Morgan—Essential Tendencies in the Architecture of Precontact Eastern North America
- 4:00 Jon Gibson—Navel to Navel: Luck, Logistics, or Legacy in Building Poverty Point

**[73] SYMPOSIUM ■ INTERACTION AND SOCIETY: PERSPECTIVES ON COAST-HIGHLAND RELATIONSHIPS IN THE ANDES**

**Room:** 11 (CC)

**Time:** 1:30 PM–5:00 PM

**Organizers:** David Chicoine and George Lau

**Participants:**

- 1:30 Rafael Vega-Centeno—Ritual Buildings, Identities and Interactions. New Approaches On The Distribution Of The Late Archaic Architectural Traditions
- 1:45 Laurie Beckwith—Chorrera as a Horizon Style and Its Impact on Understanding Prehistoric Interaction
- 2:00 Claude Chapdelaine—The Early Initial Period at San Juanito, Lower Santa Valley: Interaction with the Andes
- 2:15 John Rick—Andean Formative Interaction as Seen From Chavin de Huantar, Peru
- 2:30 David Chicoine—Coast-Highland Relationships during the 1st Millennium BC: Perspectives from the Nepeña Valley, North-Central Coast of Peru
- 2:45 Krzysztof Makowski and Marco Goldhausen—The end of the Early Horizon and the Coast-Highland relationship in the Central Coast of Peru

- 3:00 George Lau—Coast-highland interaction in highland Ancash, Peru, during the 1st millennium AD
- 3:15 Jean-François Millaire—Beware of Highlanders: Coast-Highland Interactions in the Virú Valley, Peru
- 3:30 Jonathan Choronzey—Gallinazo-Recuay Interaction at San Nicolas, Lower Santa Valley, Peru
- 3:45 Anita Cook— Tracing Political Procreation Through Gender in Iconography
- 4:00 Luis Jaime Castillo—Highland – Coastal Interactions as Factors in the Collapse and Reconfiguration of the Moche from Jequetepeque, North Coast of Peru
- 4:15 Howard Tsai—Vertical Archipelago Revisited: Testing Murra's Fourth Case in the Middle Jequetepeque Valley, Peru
- 4:30 Richard Burger—Discussant
- 4:45 John Topic—Discussant

**[74] SYMPOSIUM ■ INTERDISCIPLINARY STUDIES OF ARCHAEOLOGICAL OBJECTS: ARCHAEOLOGY, MATERIAL SCIENCE AND CONSERVATION**  
**Room:** 19 (CC)  
**Time:** 2:00 PM–5:15 PM  
**Organizers:** Laura Filloy and Adrian Velasquez

**Participants:**

- 2:00 Emiliano Melgar, José Luis Ruvalcaba Sil and Reyna Beatriz Solís Ciriaco—Nondestructive Study of a Turquoise Disk from the Offering 99 of Templo Mayor of Tenochtitlan
- 2:15 Rebeca Stacey, Caroline Cartwright, Andrew Middleton and Colin McEwan—Recent investigations of turquoise mosaics in the British Museum: materials technology and analytical challenges
- 2:30 Jasinto Robles and Ricardo Sanchez-Hernandez— Uso alternativo de rocas y minerales verdes en Mesoamerica
- 2:45 Laura Filloy, Saburo Sugiyama, Maria Eugenia Gumí and Yuki Watanabe—Study of an anthropomorphic serpentine and wood mosaic from Burial 6, Pyramid of the Moon, Teotihuacan. Manufacture techniques, raw materials and Restoration
- 3:00 Sofia Martinez del Campo—Appearance of the Ceremonial Masks from Palenque, Calakmul, and Dzibanché, Reflection of Their Crafting
- 3:15 David Maynard and Frances Berdan—The Adhesive and Repair Material on Lord Pakal's Funerary Mask: Some broader implications
- 3:30 Jose Luis Ruvalcaba, Jannen Contreras and Jesus Arenas—Non Destructive Study of Metallic Artifacts from the Chichen-Itza Cenote
- 3:45 Niklass Schulze—The cultural agony of technological choice: The copper bells of the Templo Mayor of Tenochtitlan (Mexico)
- 4:00 Norma Valentin and Osiris Quezada—La ofrenda 102 del Templo Mayor de Tenochtitlan: Un ejemplo de la interdisciplinariedad
- 4:15 Lourdes Gallardo, Adrian Velazquez and Norma Valentin—The nacreous shell ensembles of Tlaloc at the Great Temple of Tenochtitlan
- 4:30 Tatiana Falcon, Piero Baglioni, Rodorico Giorgi, Sandra Zetina and Diana Magaloni—Early Classical Pigments in the Archaeological Site of Calakmul
- 4:45 Yareli Jaidar and Patricia Meehan—Los Elementos Decorativos y Recubrimientos Arquitectónicos de Estuco en el Sitio Arqueológico de Ek'Balam, Yucatán: Estudio de los Aditivos Orgánicos Con Fines de Conservación
- 5:00 Hector Neff—Discussant

**[75] SYMPOSIUM ■ HOMININ BEHAVIORAL VARIATION DURING THE PLEISTOCENE AND EARLY HOLOCENE IN EAST ASIA AND AUSTRALASIA**

**Room:** 14 (CC)

**Time:** 2:00 PM–5:00 PM

**Organizers:** Christopher Norton, Yin Lam and Jennie Jin

**Chair:** Christopher Norton

**Participants:**

- 2:00 Nicolas Rolland—The Palaeolithic of East and Southeast Asia: A Human Biogeographic and Ecological Perspective
- 2:15 Christopher Norton, Chengkai Sun and Jennie Jin—The Plio-Pleistocene paleoanthropological record of Shandong Province, Central-East China: Results of CHERP field investigations in 2006-07
- 2:30 Xiaoling Zhang, Chen Shen and Xing Gao—A functional study of lithic artifacts from Zhoukoudian Locality 1: new evidence for hominid behavior of the Middle Pleistocene in northern China
- 2:45 Sari Miller-Antonio and Lynne Schepartz—Taphonomy, life history, and human exploitation of *Rhinoceros sinensis* at the Middle Pleistocene site of Panxian Dadong, Guizhou, China
- 3:00 Yin Lam and Christopher Norton—Accounting for Taphonomic Processes in the Interpretation of Archaeological Faunal Assemblages: An Example from Xujiayao
- 3:15 Judith Field—Investigating the links between initial human colonization of Australia and the Late Pleistocene faunal extinctions
- 3:30 Anne Pike-Tay, Richard Cosgrove and Jillian Garvey—Zooarchaeology of Late Pleistocene Tasmania
- 3:45 Jillian Garvey—Hunting strategies in late Pleistocene southwest Tasmania: The economic anatomy of the Bennett's wallaby
- 4:00 Jennie Jin, Nina Jablonski and Xueping Ji—Taphonomic Analysis of the early Holocene faunal materials from the Tangzigou site in Yunnan, China
- 4:15 Benheng Shi, Fengshi Luan and Jean-Noël Proust—Phytolith Analysis of Plant Use in Ancient Shandong Peninsular, China
- 4:30 Xiaolin Ma—Process of Making Bone Hairpins in the Bronze Age of Central China
- 4:45 Alison Brooks—Discussant

**[76] SYMPOSIUM ■ AUTHORITY AND THE PROCESS OF POWER: THE VIEW FROM AFRICAN ARCHAEOLOGY**

**Room:** 16 (CC)

**Time:** 2:00 PM–5:15 PM

**Organizer:** Jeffrey Fleisher

**Chair:** Stephanie Wynne-Jones

**Participants:**

- 2:00 Zoe Crossland—The power of place: building authority in highland Madagascar
- 2:15 Neil Norman—"The Common People Were Divided"...and Resolutely So: Toward a Regional Understanding of Huedan Political Process
- 2:30 Merrick Posnansky—Entering a Global World - Imperialism and Power in late 19th Century Uganda: an archaeological perspective
- 2:45 Adria LaViolette—Private and Public Signification of Authority at Pujini, Pemba Island, Tanzania
- 3:00 Jeffrey Fleisher—The Politics of Feasting on the Eastern African Coast, AD 700-1500
- 3:15 Stephanie Wynne-Jones—Lines of Desire: Power, Consumption and Materiality along a Tanzanian caravan route
- 3:30 Stephen Dueppen—Strategies for Maintaining Egalitarian Social Systems During the Iron Age: Kirikongo, Burkina Faso

- 3:45 Peter Robertshaw—Beyond the segmentary state: types of power, their distribution and history in Uganda
- 4:00 Daphne Gallagher—Gulmance and Gobnangou: Political Control in Pre-Colonial Burkina Faso
- 4:15 Matthew Curtis—Temples, Altars, and Offering Tables: First Millennium B.C.E. Elite Group Identity and Authority in the Northern Horn of Africa
- 4:30 Detlef Gronenborn—Insignia of Authority in pre-Islamic Hausaland: The High Status Burial Site of Durbi Takusheyi in Northern Nigeria
- 4:45 Scott MacEachern—Authority and power at the DGB sites, northern Cameroon
- 5:00 Anne Mayor—Precolonial power and ceramic traditions in the Niger Bend

**[77] SYMPOSIUM ■ IDENTIDADES Y CULTURA MATERIAL EN Mesoamérica**

**Room:** 4 (CC)

**Time:** 2:45 PM–5:30 PM

**Organizers:** Héctor Hernández Álvarez and Marcos Pool

**Participants:**

- 2:45 Nancy Peniche—Género y estatus en la manufactura del papel: Los maceradores arqueológicos del norte de Yucatán
- 3:00 Marcos Pool—Etnicidad en Arqueología. Una Aproximación Teórica Metodológica para el Area Maya
- 3:15 Tracy Ardren—Ofrendas de infantes e identidad en la arquitectura maya del Clásico
- 3:30 Lilia Fernandez—Ser o no ser: cultura material e identidad individual entre los mayas del Clásico
- 3:45 Judith Gallegos—Tejiendo y adornando su identidad: indumentaria y rol de la mujer prehispánica de Jonuta, Tabasco, Mexico
- 4:00 Christopher Goetz—Modos alimenticios e identidad, una mirada zooarqueológica desde las tierras bajas mayas del norte
- 4:15 Fernando Armstrong—Documentos Burocráticos Como Cultura Material, y Sus Interacciones con la Narrativa Oral y Memoria Colectiva
- 4:30 Hector Hernandez—Identidad social y cultura material de los grupos domesticos de Yaxuna, Yucatan
- 4:45 Julio Hoil-Gutierrez—El lak: Continuidad cultural e identidad entre los mayas yucatecos
- 5:00 Rani Alexander—Discussant
- 5:15 Julia Hendon—Discussant

**[78] FORUM ■ DIGITAL ANTIQUITY: PLANNING AN INFORMATION INFRASTRUCTURE FOR ARCHAEOLOGY**

**Room:** 12 (CC)

**Time:** 3:00 PM–5:00 PM

**Organizer:** Keith Kintigh

**Moderator:** Keith Kintigh

**Participants:**

- Matt Bailey—Discussant
- Eric Kansa—Discussant
- Tim Kohler—Discussant
- Fred Limp—Discussant
- Clay Mathers—Discussant
- Tom McCulloch—Discussant
- Fraser Neiman—Discussant
- Charles Niquette—Discussant
- Julian Richards—Discussant
- Dean Snow—Discussant

**[79] ELECTRONIC SYMPOSIUM ■ CELESTIAL REFERENCES IN MESOAMERICAN CREATION STORIES**

**Room:** Ballroom C (CC)

**Time:** 3:30 PM–5:30 PM

**Organizers:** Gabrielle Vail and Timothy Knowlton

**Chairs:** Timothy Knowlton and Gabrielle Vail

**Participants:**

Martha Macri—Mesoamerican Cosmology and Concepts of Creation

Anthony Aveni—How Did the Maya See and Interpret Sky Phenomena?

Michael Grofe—The Names of GI from the Palenque Triad: A Classic Period Venus Deity

Juan Ignacio Cases—A Sky of Jewels: Cosmographic Elements in Maya Creation Texts

Gabrielle Vail—Cosmos and Creation among the Late Postclassic Lowland Maya

Timothy Knowlton—"Back Then When There Was No Sky": The Antiquity of Celestial References in Classical Yucatecan Creation Myths

Alfonso Lacadena—Animate Versus Inanimate: The Conflict between Mayan and European Astronomical Traditions in Mayan Colonial Documents

Judith Maxwell—Rebuilding the Maya Cosmos from the Knees Up

**[80] SYMPOSIUM ■ THE LATE ARCHAIC IN THE FAR SOUTHWEST: NEW DATA AND NEW INTERPRETATIONS**

**Room:** 17 (CC)

**Time:** 3:15 PM–5:00 PM

**Organizer:** Zachary Hruby

**Participants:**

3:15 Joan Schneider and Claude Warren—Reviewing the Archaic-Late Prehistoric Interface in the Mojave Desert and the Southern Great Basin

3:30 John Eddy—Local adaptations and regional influences: Cultural development in the Southeastern Desert Region during the Late Archaic (ca. 2000 BC-AD 700)

3:45 Jamie Cleland and Andrew L. York—Settlement Trends and Sociocultural Change on the Southern California Coast: Complementary Views from Seal Beach and Camp Pendleton

4:00 Timothy Gross—Archaic and Late Prehistoric occupations in foothill San Diego County

4:15 Matthew DesLauriers—The Old Ways: Cultural Persistence and Divergence in Baja California

4:30 Andrew Pignolo—Shifting Technological Boundaries: Implications for Changing Patterns in the Colorado Desert

4:45 Zachary Hruby—Discussant

**[81] GENERAL SESSION ■ ADVANCES IN METHODOLOGY: SURVEY TECHNIQUES, COMPUTER USE, AND INTERPRETATION**

**Room:** 3 (CC)

**Time:** 3:15 PM–5:30 PM

**Chair:** Carrie Hritz

**Participants:**

3:15 Dominic Lacroix—Simulated ground-penetrating radar anomalies as a tool for survey planning and data interpretation

3:30 Errin Weller—Pathways and Roadways: Utilizing Remote Sensing to



- 3:45 Identify Monumental Roads in Costa Rica  
Carrie Hritz and Rita Wright—Satellite Remote Sensing Imagery: New Evidence for site distributions and Ecologies in the Upper Indus
- 4:00 Adrian Sanders—Testing the Utility of LiDAR Remote Sensing and GIS Technologies in Archaeology: Lessons from the Field on Bridging Novel Search Methods and Phenomenology
- 4:15 R Clay, Michael Hargrave and Lewis Somers—Comparisons of Resistance and Magnetic Imagery of Poverty Point's Ridges
- 4:30 Michael Searcy and Scott Ure—Laptops in the Sand: Using Rugged Computers in the Field
- 4:45 Bill Dickinson—Next Generation Web Mapping: Web-based Mapping for the 21st Century Archaeologist
- 5:00 Erin Gibson—The archaeology of social interaction: the formation of 'place' in a lived landscape
- 5:15 Benjamin Kamphaus—A Proposed Formal Definition for an Archaeological Site Using Basic Formal Ontology

**[82] SYMPOSIUM ■ THE CEMETERY ON THE HILL: EXCAVATIONS AT LOS ANGELES' FIRST CITY CEMETERY**  
**Room:** 7 (CC)  
**Time:** 3:30 PM–5:00 PM  
**Organizer & Chair:** Monica Strauss

**Participants:**

- 3:30 Monica Strauss—Unearthing City Cemetery: Archaeological Excavations at Los Angeles' First City-Operated Burial Ground (1863-1890)
- 3:45 Candace Ehringer—Mortuary Consumerism in 19th-Century Los Angeles: Coffins, Caskets, and Trimmings from City Cemetery
- 4:00 Jenny Martinez—Reconstructing the Past with GIS Technology: Los Angeles' City Cemetery
- 4:15 Charlane Gross—An Osteological and Comparative Assessment of the Los Angeles City Cemetery Burial Population
- 4:30 Anamay Melmed—Tales Told by Teeth: An Analysis of the Dentition from the Los Angeles City Cemetery
- 4:45 Sara Dietler—Digging Deep: Archival Research into the History of Los Angeles' City Cemetery

**[83] GENERAL SESSION ■ RECENT RESEARCH ON THE PERUVIAN COAST**  
**Room:** Ballroom B (CC)  
**Time:** 3:45 PM–5:15 PM  
**Chair:** Ignacio Cancino

**Participants:**

- 3:45 Margaret Brown Vega—Ritual and Conflict During the Early Horizon and Late Intermediate Period Occupations of the Fortress of Acaray, Huaura Valley, Perú
- 4:00 Winifred Creamer and Jonathan Haas—Monumental Architecture as Process: an Example from the Norte Chico, Peru
- 4:15 Ignacio Cancino—Use of Marginal Agricultural Lands In The Viru Valley, Peru During The Early Intermediate Period.
- 4:30 John Warner—Social Memory, Cultural Archaism, and the Politics of Spatial Production: The Compounds of Jatanca, Peru
- 4:45 Erica Dziedzic—That Pot Has a Pretty Picture: Preliminary Research on Chiribaya Ceramic Iconography
- 5:00 Karen Coutts, John Krigbaum, Karen Wise, Ruth Shady Solis and Alejandro Chu—Fishing for Answers in the Desert: Assessing the role of marine dietary resources in coastal Pre-ceramic Peru using light stable isotopes

**[84] GENERAL SESSION ■ RESEARCH ON ANCIENT MAYA SALT PRODUCTION**

**Room:** 1

**Time:** 4:15 PM–5:00 PM

**Chair:** Elizabeth Sills

**Participants:**

- 4:15 Ashley Hallock and John G. Jones—Taken with a Grain of Salt: A Palynological Perspective on Belizean Paleoecology and Salt Production
- 4:30 Satoru Murata—Wits Cah Ak'al: the First Hybrid Salt/Pottery Production Site in the Maya Lowlands?
- 4:45 Elizabeth Sills—The Architecture of Ancient Maya Saltmaking: Distribution and Analysis of Preserved Wooden Posts at the John Spang Site in Paynes Creek National Park, Belize

**[85] SYMPOSIUM ■ LOOTING AND ITS SIGNIFICANCE FOR FUNERARY ARCHAEOLOGY**

**Room:** 15

**Time:** 4:15 PM–5:00 PM

**Organizer:** Daniel Sosna

**Participants:**

- 4:15 Lynne Schepartz and Joanne Murphy—Looting and Mortuary Behavior at Pylos: Bioarchaeology of Mycenaean Tombs at the Palace of Nestor
- 4:30 Morag Kersel and Meredith Chesson—Pots? People? Landscapes of the Dead at the Dead Sea
- 4:45 Daniel Sosna, Patrik Galeta and Sladek Vladimir—Looting in Early Bronze Age Unetice Cemeteries

**[86] GENERAL SESSION ■ NEOLITHIC SUBSISTENCE IN EUROPE AND THE NEAR EAST**

**Room:** 10

**Time:** 4:30 PM–5:15 PM

**Chair:** Michael Gregg

**Participants:**

- 4:30 Michael Gregg, Edward Banning, Kevin Gibbs and Greg Slater—Subsistence practices and pottery use in Neolithic Jordan: molecular and isotopic evidence
- 4:45 Ksenija Borjevic—Food from a Late Neolithic House in Southeast Europe
- 5:00 Cheryl Makarewicz—Complex Animal Husbandry Systems in Built Village Environments: New Zooarchaeological Analyses from Late PPNB el-Hemmeh and 'Ain Jamman

## Thursday Evening ■ March 27, 2008

*Note: Sessions are not listed chronologically by start-time within each morning or afternoon time block. Refer to sessions at a glance to see temporal placement.*

**[87] POSTER SESSION ■ ARCHAEOOMETRY AND ARTIFACT STUDIES IN MESOAMERICA AND MIDDLE AMERICA**

**Room:** Exhibit Hall (CC)

**Time:** 6:00 PM–9:00 PM

**Participants:**

- 87-a Adam Menzies—Craft Production and the Emergence of Chiefdoms in the Rio Parita Valley, Central Panama
- 87-b Nicole Little, Laura Kosakowsky, Jon Lohse and Robert J. Speakman—Chemical Analysis of Mayan Paints by LA-ICP-MS
- 87-c Brian McKee—Cinnabar Distribution in Ancient Mesoamerica: Archaeological Sites and Geological Sources
- 87-d Carl Wendt and Peter Stanslow—How the Olmec Processed Bitumen: Evidence from Experimental Archaeology
- 87-e Craig Goralski—Usulután Pottery Production and The Uapala Ceramic Sphere
- 87-f Karl Holland, Janine Gasco, Hector Neff and Michael Glascock—Instrumental Neutron Activation Elemental Analysis of Postclassic and Historic Period Pottery from the Soconusco Region, Chiapas, Mexico
- 87-g William Locascio—Context and Intensity of Craft Production at He-4, Rio Parita Valley, Panama

**[88] POSTER SESSION ■ RECENT RESEARCH IN THE ANDEAN HIGHLANDS**

**Room:** Exhibit Hall (CC)

**Time:** 6:00 PM–9:00 PM

**Participants:**

- 88-a Kelsey Green and William Whitehead—Paleoethnobotany of Ritual Space at Tiwanaku
- 88-b Kevin Vaughn, Jelmer Eerkens and Moises Linares—Hematite Mining in the Ancient Andes: Mina Primavera, A 2000 Year Old Peruvian Mine
- 88-c Claudia Rumold—The Development of Root and Tuber Agriculture in the High Andes: Starch Analysis Yields New Data
- 88-d Travis Williams and Steven Wernke—A GIS-Based Simulation of Colonial Resettlement and Terrace Abandonment in the Colca Valley, Peru
- 88-e Sarah Baitzel, Barbara Carbajal and Paul Goldstein—Tiwanaku Death and Mourning at Rio Muerto, Moquegua, Peru
- 88-f Karen Gardner and Roc Pursley—Introducing Cueva Atumpampa: Preliminary survey of a large Chachapoyan burial cave in the North Central Andes of Peru
- 88-g Jake Fox—Diachronic Intra- and Inter-Site Spatial Variability in Early Village Settlements on the Bolivian Altiplano
- 88-h Catherine Domanska and John Janusek—Bioarchaeology and an Early Death Cult in the Bolivian Andes
- 88-i Matt Edwards, Sarah J. Abraham and Camila Capriata Estrada—Finding Architectural Order at Pulapuco, Lucanas, Peru: A Statistical Attribute Analysis

**[89] POSTER SESSION ■ SOUTHWEST U.S. SUBSISTENCE AND RESOURCE UTILIZATION**

**Room:** Exhibit Hall (CC)

**Time:** 6:00 PM–9:00 PM

**Participants:**

- 89-a Natalia Martinez and Karen Adams—Archaeological Maize: A Re-assessment of Traits Relevant to Distinguishing Varieties
- 89-b Melissa Kruse—Scale of Agave Production in the Perry Mesa Region, Central Arizona
- 89-c Paul Rawson, Michael J. Boley and John C. Ravesloot—2500 Years in the Marsh: The Transition from Foraging to Farming in Southern Arizona
- 89-d Nicole Arendt—Pollen Analysis of Samples from Tumacacori National Historical Park
- 89-e Sarah Morgan—An Apache Mescal Pit on the New Mexico-Arizona Border
- 89-f Sara Millward and Erin Brown—Preliminary Investigations of the Thermal Features Found in the Black River Area
- 89-g Jamie Merewether, Robin Lyle and Shaw Badenhorst—Osteometric traits and turkey husbandry in the Mesa Verde Region, A.D. 1100-1280

**[90] POSTER SESSION ■ TOPICS IN ETHNOBOTANY**

**Room:** Exhibit Hall (CC)

**Time:** 6:00 PM–9:00 PM

**Participants:**

- 90-a Andrew Barker, Jonathan Till, Steve Wolverton, Barney Venables and Ransley Welch—An Assessment of Mesa Merde Mug Function Through Lipid Residue Analysis
- 90-b Myrtle Shock and Renato Kipnis—Archaeobotanical insights into diet on the Brazilian savanna, 500-2000 BP
- 90-c Margaret Wilson—A Burning Question: detecting fire using phytoliths

**[91] POSTER SESSION ■ METHODS AND ADVANCES IN ZOOARCHAEOLOGY**

**Room:** Exhibit Hall (CC)

**Time:** 6:00 PM–9:00 PM

**Participants:**

- 91-a Ronald Bocinsky, Terrance J. Martin and Mark R. Schurr—Rodent Stable Carbon-isotope Ratios as a Measure of Maize Production
- 91-b Charles Randklev, Steve Wolverton and James Kennedy—A Morphometric Technique for Assessing Prehistoric Freshwater Mussel Population Dynamics (Family Unionidae) in North Texas
- 91-c Zoe Morris, Mary Manhein and Ginesse Listi—Quantitative and Spatial Comparison of the Microscopic Bone Structures of Deer (*Odocoileus virginianus*), Dog (*Canis familiaris*), and Pig (*Sus scrofa domesticus*)
- 91-d Oskar Burger and David Byers—Assessing variation in butchery intensity in large zooarchaeological samples: issues of data aggregation and scale
- 91-e Teresa Steele, Laura Niven, Hannes Finke, Tim Gernat and Jean-Jacques Hublin—Virtual skeletons: using a structured light scanner to make a 3-D faunal comparative collection
- 91-f Kathryn Krasinski and Gary Haynes—Cut Mark Misidentification as a Result of Modern Recovery Efforts?
- 91-g Laura Niven, Teresa Steele, Jean-Baptiste Mallye and William Rendu—Reindeer exploitation in the Quina Mousterian at Chez Pinaud, Jonzac (France)

**[92] POSTER SESSION ■ INNOVATIONS IN CERAMIC ANALYSIS**

**Room:** Exhibit Hall (CC)

**Time:** 6:00 PM–9:00 PM

**Participants:**

- 92-a Ursel Wagner, Rupert Gebhard, Werner Haeusler, Izumi Shimada and Fritz Wagner—A cross-cultural study of black pottery by Moessbauer Spectroscopy
- 92-b Emily Stovel—Using the Web to Promote International Scholarly Dialogue on South American Ceramic Typologies
- 92-c Melissa Chatfield and J. David Stienmier—Innovation in Large Storage Vessels: Base-shape, Volume, and Principal Stress

**[93] POSTER SESSION ■ TOPICS IN THE ARCHAEOLOGY OF THE EASTERN U.S.**

**Room:** Exhibit Hall (CC)

**Time:** 6:00 PM–9:00 PM

**Participants:**

- 93-a Elizabeth Scharf—Aiding archaeology with environmental data – searching for a useful late Holocene record for the Florida panhandle
- 93-b Colin Betts—Varying Dietary Patterns in the Late Prehistoric Midwest and Southeast
- 93-c Keith Stephenson and Karen Y. Smith—Middle Swift Creek/Weeden Island I Ceremonialism in the Interior Coastal Plain of Georgia
- 93-d David Stewart—The Little Washington Maritime Cultural Landscape Project
- 93-e David Pedler, Allen Quinn and J. Kyle Shelmire—Archaeology at the Scarem-Kramer Site (36WH22), a Scarem Phase Monongahela Village
- 93-f Nicholas Herrmann, Katherine Spradley, Rebecca Wilson and Sarah Price—The Bioarchaeology of the Plash Island Site (1BA134), Alabama

**[94] POSTER SESSION ■ TOPICS IN PALEOLITHIC RESEARCH**

**Room:** Exhibit Hall (CC)

**Time:** 6:00 PM–9:00 PM

**Participants:**

- 94-a Philip Nigst, Bence Viola, Paul Haesaerts, Freddy Damblon and Gerhard Trnka—New excavations in the Early Upper Paleolithic in Central Europe: The site of Willendorf II
- 94-b Jonathan Haws, Bryan Hockett, Caroline Funk and Nuno Bicho—Tracking the Last Glacial Maximum in Lapa do Picareiro (Portugal)
- 94-c Alissa Whitmore—Methodologies for examining Gender amongst Hunter-gatherers in Prehistory during the Paleolithic and Mesolithic in Europe
- 94-d Paul Thacker—Regional Variability in Portuguese Middle Paleolithic Technological Organization and Raw Material Economy
- 94-e Jun Takakura—The Emergence and Development of Blade Technology in Northeast Asia: A Technological Reconsideration of the Refitted Materials
- 94-f Steve Schwartz, Harold Dibble, Shannon McPherron and Dennis Sandgathe—New Information on the Neanderthal Infant Burial from Roc de Marsal, Dordogne, France
- 94-g Olena Fedorchenko—Upper Paleolithic bison hunters: history of research
- 94-h Lutz Kindler—Neanderthals and Cave bears in the Balve Cave, Germany
- 94-i Sabine Gaudzinski-Windheuser, Lutz Kindler, Rivka Rabinovich and Naama Goren-Inbar—Hominins and natural agents in the formation of bone surface modifications at the Acheulian site of Gesher Benot Ya'ayov, Israel
- 94-j Johan Arif, Mark Schurr and Rubyanto Kapid—The remains of prehistoric settlement and human skeletons on the surroundings of Bandung city,

Indonesia  
94-k Amanuel Beyin—Later Stone Age settlements on the Red Sea Coast of Eritrea

**[95] SYMPOSIUM ■ ADVANCES IN THE STUDY OF LITHIC MORPHOLOGY**

**Room:** Ballroom A (CC)

**Time:** 6:00 PM–9:00 PM

**Organizers:** Erik Otarola-Castillo, Benjamin Schoville and Andrew Boehm

**Participants:**

6:00 Paul Burnett and Erik Otarola-Castillo—Knapping on an Idea: Gauging Experimental and Archaeological Projectile Point Morphological Variability using Geometric Morphometrics

6:15 Ryan Byerly, Andrew Boehm, Erik Otarola-Castillo and Benjamin Schoville—Employing Geometric Morphometrics to Assess Morphologic Variability in Butchery Tools

6:30 Erich Fisher—A Preliminary Analysis of Late Pleistocene (OIS 3 and 4) Lithic Technological Changes at Moche Borago Rockshelter, Ethiopia using Computer-Assisted Morphometry

6:45 Erik Otarola-Castillo, Dean Adams, Nancy Coinman and Michael Collyer—Differences Between Point Morphology Methods: Traditional Caliper Measurements versus Geometric Morphometrics

7:00 Benjamin Schoville and Erik Otarola-Castillo—A Geometric Morphometric Analysis of Convergent Points from Middle Stone Age Deposits in Cave 13B Mossel Bay, South Africa

7:15 Andrew Boehm, Erik Otarola-Castillo and Nancy Coinman—Investigating Technological Change by Debitage, a Multivariate Morphometric Approach

7:30 Adam Holven—A Morphometric Approach to the Late Paleoindian and Early Archaic Lithic Assemblage from the Reese Site, Central Iowa

7:45 Metin Eren—Discussant

8:00 Lawrence Todd—Discussant

8:15 John Whittaker—Discussant

8:30 John Shea—Discussant

8:45 Radu Iovita—Discussant

**[96] ELECTRONIC SYMPOSIUM ■ MODELLING EARLY METALLURGY: OLD AND NEW WORLD PERSPECTIVES**

**Room:** Ballroom B (CC)

**Time:** 6:00 PM – 8:00 PM

**Organizers:** Christopher Thornton and Ben Roberts

**Participants:**

Kathy Ehrhardt—Copper Working Technologies, Contexts of Use, and Social Complexity in the Eastern Woodlands of Native North America

Dorothy Hosler and Johan Garcia—Recent Developments in Mesoamerican Metallurgy

Izumi Shimada—A Multi-Craft Perspective on the Production, Use and Significance of Metals in the Middle Sicán Culture of Peru

Ben Roberts—Cultural Transmission and Technological Choice: the early development of metal in Western Europe

Augustin Holl—Early West African Metallurgies: Glosses, Facts, and Fictions

David Killick—Adoption of metallurgy in eastern and southern Africa

Jonathan Golden—Who Dunnit? The development of “second-generation” metal technology in the southern Levant

Aslihan Yener—The Domestication of Metals in Bronze Age Alalakh

Christopher Thornton—The Emergence of Complex Metallurgy on the Iranian Plateau: Escaping the Levantine Paradigm  
Brett Hoffman and Heather Miller—Copper-based Metals in the Indus Economy  
Praveena Gullapalli—Early Metal in South India: Copper and Iron in Megalithic Contexts  
Joyce White and Elizabeth Hamilton—Southeast Asian Early Bronze Metallurgy: A Complex Technological System in a Heterarchical Social Context  
Katheryn Linduff—Beginnings of Metallurgy in Ancient East Asia: Who, When, and Where?  
Bryan Hanks—From Scale to Practice – A New Agenda for the Study of Early Metallurgy on the Eurasian Steppe  
Vincent Pigott—Discussant

**[97] GENERAL SESSION ■ RESEARCH AT MESOAMERICAN POLITICAL CENTERS**

**Room:** Ballroom C (CC)

**Time:** 6:00 PM–9:15 PM

**Chair:** Sarah Wille

**Participants:**

- 6:00 Sarah Wille—Ancient Maya Sociopolitics and Community-Building at Chau Hiix
- 6:15 Carolyn Audet—Could the Maya Buy Political Authority?
- 6:30 Erin Thornton and Erin Kennedy Thornton—Diet, Animal Use and Exchange: Zooarchaeological Evidence from Cancuén, Guatemala
- 6:45 Bradley Ensor and Gabriel Tun Ayora—El Bellote: A Large Late Classic Chontal Ceremonial-Administrative Center at Islas de Los Cerros, Tabasco, Mexico
- 7:00 William Ringle and Andrew Willis—Experimental Recording of Large Features by Means of Dense 3D Laser Scans at Huntichmul, Yucatan, Mexico
- 7:15 John Tomasic and Francisco Estrada-Belli—Ancient Maya settlement at K'o, Peten Guatemala and the transition from the Preclassic to the Classic period
- 7:30 Astrid Runggaldier, Diane Davies, Jessica Craig and Roxzanda Ortiz—What is Old is New Again: Patterns of Reuse in San Bartolo's Late Classic Reoccupation
- 7:45 Debra Walker and Kathryn Reese-Taylor—New Dates for Early Classic Naachtun, Peten, Guatemala
- 8:00 Jillian Jordan—Archaeological Investigations at Baateel' Ek, Caves Branch River Valley, Belize
- 8:15 J. Heath Anderson—Tepeaca, Puebla Classic and Postclassic Ceramic Chronology and Settlement Patterns
- 8:30 William McFarlane and Miranda Stockett—Recent Research in the Jesus de Otoro Valley, Honduras: Methodological and Chronological Considerations
- 8:45 Elizabeth Oster and Michael Elliott—A Ceramic Chronology for Cerro de las Ventanas
- 9:00 Michelle Elliott, Ben Nelson and Christopher Fisher—Human Occupation and Desertification in the Malpaso Valley, Zacatecas, Mexico

**[98] SYMPOSIUM ■ INTERACTION, INNOVATION AND SOCIAL CHANGE: THE PARACAS-NASCA TRANSITION**

**Room:** 1 (CC)

**Time:** 6:00 PM – 9:00 PM

**Organizers:** Ann Peters and Hendrik Van Gijsegem

**Participants:**

- 6:00 Elsa Tomasto Cagigao—Las sociedades Paracas y Nasca en Palpa: una visión desde la Bioarqueología
- 6:15 Hendrik Van Gijsegem and Kevin Vaughn—8 Questions about Nasca 1: Seamless Transition or Watershed Interval?
- 6:30 Mary Frame—The Silhouette Style: The "Other" Block Color Style in the Paracas Necropolis Embroideries
- 6:45 Lisa DeLeonardis—An Unsettling Transition: The Paracas - Nasca Landscape of Callango, Lower Ica Valley, Peru
- 7:00 Ann Peters—Nasca 1 and the neighbors at Ocucaje
- 7:15 Vanessa Tinteroff—La transición Paracas – Nasca: estudio de una mutación cultural
- 7:30 Delia Aponte—Mortuary Bundle 290 and the Paracas-Nasca transition on the Paracas Peninsula
- 7:45 Markus Reindel—The "Initial Nasca" period in Palpa, Peru – prelude to major sociopolitical transformations
- 8:00 Aicha Bachir Bacha—Paracas en la orbita de la influencia de Cahuachi
- 8:15 Oscar Llanos Jacinto—Paralelismo e interacción Paracas Nazca y la emergencia del Estado en la cuenca del Río Grande de Nazca
- 8:30 Katharina Schreiber—Discussant
- 8:45 Donald Proulx—Discussant

**[99] GENERAL SESSION ■ METHODOLOGICAL ADVANCES IN BIOARCHAEOLOGY**

**Room:** 11 (CC)

**Time:** 6:00 PM–8:00 PM

**Chair:** Mary Norton

**Participants:**

- 6:00 S. Hogue and John V. Dudgeon—The Application of Laser Ablation Time of Flight ICP-MS (LA-TOF-ICP-MS) to Identify Historic Burial Dental Stains
- 6:15 David Hopwood and Dawnie W. Steadman—Pseudopathology and the Implications for Understanding the Taphonomic Process
- 6:30 Thomas Whyte, Keith C. Seramur, Gwen Robbins and Christopher R. Moore—The Sorority Skull Mystery: A Case of Grave Robbing in Boone, North Carolina
- 6:45 Alfredo Coppa, Andrea Cucina, Michaela Lucci, Domenico Mancinelli and Rita Vargiu—Human paleo-biological studies in Italy: historical tendencies and recent perspectives
- 7:00 Victoria Stosel—Skeletal Paleopathology of Marine Dependent Populations in the Americas
- 7:15 Mary Norton—CSI and Archaeology: Rewriting History?
- 7:30 Tracie Diaz—age and development of juvenile skeletal remains
- 7:45 Benjamin Valentine, George Kamenov and John Krigbaum—Refining Heavy Stable Isotope Analysis in Neolithic Borneo with Stable Isotopes of Carbon and Oxygen



**[100] SYMPOSIUM ■ NICHE CONSTRUCTION THEORY AND ARCHAEOLOGY**

**Room:** 8 (CC)

**Time:** 6:00 PM–8:00 PM

**Organizers:** Julien Riel-Salvatore and Lydia Pyne

**Chair:** Julien Riel-Salvatore and Lydia Pyne

**Participants:**

- 6:00 Lydia Pyne and Manfred Laubichler—Niche Construction Theory: Archaeology and Scientific Explanation
- 6:15 Felix Riede—Prospects and Challenges in the Detection of Hunter-Gatherer Niche Construction in Prehistory. A Case Study from the Southern Scandinavian Late Glacial
- 6:30 Julien Riel-Salvatore—Neanderthal Niche Construction? Patterns of Late Pleistocene Technological Change in Italy
- 6:45 Peter Bleed—Niche Construction Theory, Agricultural Origins and the Search for Fit Domesticates
- 7:00 Jack Broughton and Michael D. Cannon—Evolutionary Ecology and Niche Construction Theory in Archaeology
- 7:15 Matthew Peeples—Niche Construction and the Long-term Consequences of Agricultural Strategies along the Upland Southwestern U.S.
- 7:30 Michael O'Brien—Discussant
- 7:45 Kevin Laland—Discussant

**[101] SYMPOSIUM ■ FORAGERS ON THE EDGE: A GLOBAL PERSPECTIVE ON DIET BREADTH AND SPECIALIZATION IN ARID ZONES**

**Room:** 12 (CC)

**Time:** 6:00 PM–8:30 PM

**Organizer:** Lisa Janz

**Chair:** Lisa Janz

**Participants:**

- 6:00 Mark Aldenderfer—The Power of the Potato: Mid-to-Late Holocene Resource and Patch Choice in the Semi-Arid Lake Titicaca Basin
- 6:15 Jelmer Eerkens—Hunter-Gatherer Diet Specialization in the Central Eastern California
- 6:30 Elena Garcea—Foragers in the Middle: The Central Sahara Perspective on Specialized Adaptation in Arid Environments
- 6:45 Lisa Janz—Dune Dwellers of the Gobi: Specialized Use of Holocene Playas in the Mongolian Desert
- 7:00 Ramiro Barberena and Luis Borrero—Hunter-gatherer specialization on marginal areas from southern South America?
- 7:15 Gustavo Martinez—Late Holocene Forager adaptations to an arid Pampean-Patagonian transitional region of Argentina
- 7:30 Garth Sampson—Seen but Not Herd: opportunistic pastoralists among the Seacow River Bushmen, South Africa
- 7:45 Peter Mitchell—Arid zone hunter-gatherers in southern Africa
- 8:00 Robert Elston—Discussant
- 8:15 Robert Kelly—Discussant

**[102] SYMPOSIUM ■ ENVISIONING THE CAVESCAPE: CURRENT RESEARCH ON THE MULTIFACETED ASPECTS OF CAVE UTILIZATION BY ANCIENT MAYA PEOPLE**

**Room:** 2 (CC)

**Time:** 6:00 PM–8:30 PM

**Organizers:** Cameron Griffith and Reiko Ishihara

**Participants:**

- 6:00 Rafael Guerra, Jaime Awe, Gabriel Wrobel and Bruce Minkin—The

- 6:15 Contexts of Ancient Maya Human Remains in the Caves of the Roaring  
Creek Valley Belize: Implications for pre-Hispanic Maya Cave Ritual  
Gabriel Wrobel—Mortuary Ritual at Caves Branch Rockshelter, Belize
- 6:30 Jessica Hardy and Gabriel Wrobel—Rockshelter Variation in the Caves  
Branch River Valley of Belize
- 6:45 Juan Manuel Palomo—Cutting a Deal with the Ancestors and Gods:  
Dismemberment and Deposition of Human Remains in the Chasms of  
Aguateca, Peten, Guatemala
- 7:00 Jenny Guerra—Accessing Ritual: An Analysis of Architectural Features in  
Ancient Maya Caves
- 7:15 Reiko Ishihara—Music for the Gods: Rain-making Rituals in the Main  
Chasm, Aguateca, Guatemala
- 7:30 Christophe Helmke—The Paleography of CH'EN Glyphs in Ancient Maya  
Writing
- 7:45 Cameron Griffith—Spatial Analysis of the Cavescape in the Macal Valley,  
Belize
- 8:00 Jan Simek—Discussant
- 8:15 Geoff Conrad—Discussant

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

**Room:** 13 (CC)

**Time:** 6:00 PM–8:00 PM

**Organizer:** David Cushman

**Moderator:** David Lindsay

**Participants:**

David Cushman—Discussant

David Lindsay—Discussant

Linda Mayro—Discussant

Stephen Post—Discussant

Pamela Cressey—Discussant

**[104] GENERAL SESSION ■ SETTLEMENT PATTERNS IN THE SOUTHWEST U.S. AND  
SONORA**

**Room:** 10 (CC)

**Time:** 6:00 PM–8:45 PM

**Chair:** Courtney Rose

**Participants:**

6:00 Courtney Rose—Hohokam Classic Period Transition--A Local Perspective  
from Two Residential Sites

6:15 Henry Wallace—The Cañada del Oro Valley Hohokam: Results of Large-  
Scale Excavations at Honey Bee Village

6:30 Fumiyasu Arakawa—The Localization Process in the Central Mesa Verde  
Region

6:45 Saul Hedquist, Michael Sheehan, Thomas Sheehan, Heather West and  
Grant Fahrni—Mobile Populations in the Mobile Valley

7:00 Mark Brodbeck—The Dry Lake Wind Project: exploring prehistoric  
settlement between Silver Creek and Chevelon Creek in the Little  
Colorado River Valley

7:15 Rebecca Schwendler—Metamorphosis of the “Hokona” Pueblo I-III Site  
Near El Morro National Monument, Western New Mexico

7:30 Karen Harry and James Watson—The Shivwits Research Project:  
Exploring Virgin Anasazi Settlement and Subsistence Patterns on the  
Arizona Strip

- 7:45 Julio Amador and Adriana Medina—Los Cerros de Trincheras en el Noroeste de Sonora, Una Mirada Desde la Arqueología de Paisaje
- 8:00 Kristin Kuckelman—Research at Goodman Point: The Settlement History of a Late Pueblo Community in the Central Mesa Verde Region
- 8:15 Mary Price—Refuse Disposal Practices in Terrace Contexts and Their Implications for Residential Organization at Cerro de las Trincheras, Sonora, Mexico
- 8:30 Sara Gale—Finding Factionalism in an Aggregating Society: Use-life of a plaza at San Lazaro Pueblo

**[105] GENERAL SESSION ■ RESEARCH IN THE NORTHWEST U.S.**

**Room:** 18 (CC)

**Time:** 6:00 PM–7:00 PM

**Chair:** Jared Norman

**Participants:**

- 6:00 Jason Cooper and Shane Sparks—Data Recovery Excavations within the Howard Hanson Dam Archaeological District, King County, Washington
- 6:15 Shari Silverman—Travel and Culture of the Plateau Culture Area
- 6:30 Jared Norman and Robert Sappington—The Harpers Bend Site (10NP363) and Its Place in Clearwater River Region Prehistory, North Central Idaho
- 6:45 Robert Mierendorf and Franklin Foit—9,000 years of earth, wind, fire and stone at Cascade Pass

**[106] GENERAL SESSION ■ ARCHAEOLOGY IN EAST AND SOUTHEAST ASIA**

**Room:** 3 (CC)

**Time:** 6:00 PM–8:15 PM

**Chair:** Ronald Adams

**Participants:**

- 6:00 Jean-Luc Houle—The Complexity of “Non-Complex” Societies: Mobility and Centrality among Mobile Pastoralists of Central Mongolia
- 6:15 Richard Kortum and Jay Franklin—Archaeological Explorations of Biluut 1, 2, and 3: An Extensive Petroglyph and Burial Complex in the Altai Mountains of Mongolia
- 6:30 Maa-ling Chen—Continuities or Discontinuities? Spatial Construction of Different Times and Different Areas of Kaushi, a Southern Paiwan Group of Taiwanese Indigenous
- 6:45 Ronald Adams—Megaliths and Labor Mobilization in West Sumba, Indonesia
- 7:00 Roderick Campbell—Shang Sources of Power: Towards a Networks and Boundaries Approach to Early Complex Polities
- 7:15 Andrea Yankowski—Premodern Salt Production in Thailand: Some preliminary research and thoughts
- 7:30 Charles Hartley—Exploring Community Relations through Stylistic Analysis of Ceramics from the Early Bronze Age in China
- 7:45 Xinyu Ren, Bingbai Chen and Xiyun Yu—Huangtucheng Regional Archaeological Survey
- 8:00 Wendy Frederick—Ainu archaeology

**[107] GENERAL SESSION ■ ISSUES IN CULTURAL RESOURCE MANAGEMENT AND HISTORIC PRESERVATION**

**Room:** 9 (CC)

**Time:** 6:00 PM–8:45 PM

**Chair:** Douglas Gann

**Participants:**

- 6:00 Adam Sellen—Lord Kingsborough of Oaxaca: Manuel Martinez Gracida's archaeological collection
- 6:15 Douglas Gann—Preservation Archaeology in the Upper Little Colorado Basin
- 6:30 Virginia Butler—The Relationship between Relic Hunters and Professional Archaeologists on the Lower Columbia River in the early 20th Century
- 6:45 Dennis Griffin—We Will Not Protect What We Don't Respect: The Evolution of Cultural Resource Law and Regulations in Oregon State
- 7:00 Sandra López Varela and Christopher Dore—Evaluating Strategies to Protect the Cultural Patrimony of Morelos, Mexico
- 7:15 David Mehalic—Challenges of Historic Preservation Along the U.S.-Mexico Border: Examples from Southern Arizona's Coronado National Forest
- 7:30 Terressa Davis—The Limits of the Law: The Impact of the UNESCO Convention on the Trade in Illicit Cambodian Antiquities
- 7:45 Rachel Watson and Carlos Perez—Making Louisiana's Cultural Resources Records Easily Accessible: Louisiana's Cultural Resources Map
- 8:00 Penny Young and Joseph Muller — Archaeological Management Planning at the School of Restoration Arts at Willowbank and the City of Hamilton
- 8:15 Peter Timmins—Quality Assurance in CRM: An Archaeological Reassessment in Southern Ontario
- 8:30 Marcia Bezerra De Almeida, Yonara Carricho and Claudio Delorenci—Two of a Kind: A Comparative Approach Between CRM in Brazil and United States

**[108] SYMPOSIUM ■ CONSIDERATION FOR ARCHAEOLOGICAL PROPERTY DURING MILITARY CONFLICT**

**Room:** 14 (CC)

**Time:** 6:00 PM–8:00 PM

**Organizer & Chair:** Laurie Rush

**Participants:**

- 6:00 Laurie Rush—Consideration of Archaeological Properties in Global Military Operations
- 6:15 Paul Kunkel—Creating an Online Cultural Heritage Training Resource for DoD Officers & Enlisted Personnel
- 6:30 Tracy Wager, James Zeidler and Laurie Rush—Solving the Preservation Puzzle: The Development of Cultural Heritage Playing Cards for In-Theatre Soldier Training
- 6:45 Jeff Altschul and Carla Van West—Identifying and Planning for Cultural Heritage Resources as part of Department of Defense Activities in Foreign Countries
- 7:00 G. Mumford—Toward recognizing and conserving cultural heritage sites in threatened regions
- 7:15 Sarah Parcak—Developing methods for archaeological site detection in the Middle East
- 7:30 Hillori Schenker—Funding Opportunities and Success Stories: The Department of Defense Legacy Resource Management Program
- 7:45 Brian Lione—Discussant

**[109] SYMPOSIUM ■ SOILS AND MAYA ARCHAEOLOGY**

**Room:** 15 (CC)

**Time:** 6:00 PM–8:30 PM

**Organizers:** Timothy Beach, Nicholas Dunning and Richard Terry

**Chair:** Richard Terry

**Participants:**

- 6:00 Timothy Beach and Sheryl Luzzadder-Beach—Soil Chemistry and Ecofacts of Wetland Fields in Belize
- 6:15 Sheryl Luzzadder-Beach and Timothy Beach—2006/7 Field Seasons: Modern Water Chemistry and Ancient Soils in Northern Belize
- 6:30 Richard Terry, Richard L. Burnett and Marco Alvarez—The ancient agricultural landscape and soil resources at Tikal, Guatemala
- 6:45 Aline Magnoni, Scott Hutson and Richard Terry—An archaeological study of chemical signatures of ancient Maya domestic activities at Chunchucmil, Yucatán
- 7:00 Alfred Siemens and Richard Hebda—Analysis of sediments out of the upper basin of the Candelaria River, Campeche, Mexico
- 7:15 Ryan Sweetwood, Richard L. Terry and Tim Beach—Soil Resources of the ancient Maya at Chunchucmil, Yucatan, Mexico
- 7:30 Robert King, Meaghan R. Lawson and E. Christian Wells—The Archaeology of Cultural Soils
- 7:45 David Wahl and Francisco Estrada-Belli—Prehistoric Human-Environment Interactions in the Southern Maya Lowlands: The Holmul Region Case
- 8:00 Daniel Bair and Richard Terry—The Dirt on Ancient Maya Marketplace Activities II
- 8:15 Chris Balzotti and Richard Terry—Ancient Maize Agriculture and Unique Soil Resources in the Rio Usumacinta Valley near La Technica, Guatemala

**[110] GENERAL SESSION ■ PLANT USE, AGRICULTURE, AND WETLAND RESOURCES IN MESOAMERICA AND MIDDLE AMERICA**

**Room:** 16 (CC)

**Time:** 6:00 PM–7:30 PM

**Chair:** Karry Blake

**Participants:**

- 6:00 Ruth Fauman-Fichman—Household use of medicinal and economically useful plants in Postclassic period Morelos, Mexico
- 6:15 Karry Blake—Life and Times in a Late Formative and Classic Period Soconusco Wetland, Chiapas, Mexico
- 6:30 Ruth Dickau—Big menu at “Little Stone House”: New starch and macrobotanical evidence of preceramic diet from Casita de Piedra, Panama
- 6:45 Stephanie Simms and George J. Bey III—Prehispanic Maya plant economies: phytolith evidence from Kiuic, Yucatán
- 7:00 Veronica Perez Rodriguez—The Ethnoarchaeology of Traditional Terrace Farming in the Mixteca Alta
- 7:15 Christina Warinner, Ronald Spores, Nelly Robles Garcia and Noreen Tuross—More than 100% Maize: The Mesoamerican Isotope Dilemma

**[111] SYMPOSIUM ■ BEFORE THE FORMATIVE: RECENT RESEARCH AT RED MOUNTAIN, LATE ARCHAIC, AND EARLY AGRICULTURE SITES IN ARIZONA**

**Room:** 17 (CC)

**Time:** 6:00 PM–7:45 PM

**Organizer & Chair:** Mark Hackbarth

**Participants:**

- 6:00 Maxine McBrinn—Across the West: New Research on Old Sites

- 6:15 Jerome Hesse and Stephanie M. Whittlesey—New Light on the San Pedro Phase: Investigations at Las Capas, Arizona
- 6:30 Marie Roudaut, Marie-Blanche Roudaut and Barbara Roth—Site Boundaries and Late Archaic Settlement on the Santa Cruz River Floodplain
- 6:45 Sarah Herr—The Scouts of Camp Geronimo
- 7:00 Daniel Sorrell and Bruce G. Phillips—Environmental Reconstructions at the Ash Creek Site near Payson, Arizona
- 7:15 Gene Rogge and Bruce Phillips—The Challenges of Investigating and Interpreting the Oldest Known Site in the Phoenix Basin
- 7:30 Mark Hackbarth—Architecture at Pueblo Patricio: The Phoenix Convention Center Project

**[112] GENERAL SESSION ■ STUDIES OF SYMBOLISM, RITUAL, AND ART IN MESOAMERICA**

**Room:** 7 (CC)

**Time:** 6:00 PM–7:45 PM

**Chair:** James Doyle

**Participants:**

- 6:00 Jennifer John—Symbolism on Terminal Classic, Postclassic and Early Historic Ceramics from Lamanai, a Maya site in Northern Belize, Central America
- 6:15 Taisuke Inoue—Abundance and Fertility: A New Interpretation of the 7 and 9 Zoomorphic Heads in Classic Maya Art
- 6:30 Jeremy Coltman, Michael Mathiowetz, Polly Schaafsma and Karl Taube—The Darts of Dawn: The Tlahuizcalpantecuhtli Venus Complex in the Iconography of Mesoamerica and the American Southwest
- 6:45 James Doyle—Riding in Style: Palanquins as Vehicles in Classic Maya Ritual Procession
- 7:00 Melisa Quesenberry—Through the Foam of History: The Antiquity of Pulque Ritual Iconography in Central Mexico
- 7:15 Lori Collins and Travis Doering—Stories in Stone, Stucco, and Ceramics: Using Three-Dimensional Laser Scanning in Mesoamerica
- 7:30 Maria Dominguez and Manuel Eduardo Espinosa—Preliminary Analysis of Maya Prehispanic Pigments. A Chemical Characterization Study

**[113] GENERAL SESSION ■ SUBSISTENCE AND SETTLEMENT PATTERNS ON THE GEORGIA COAST**

**Room:** 20 (CC)

**Time:** 6:00 PM–7:15 PM

**Chair:** John Turck

**Participants:**

- 6:00 Sarah Bergh—Spatial and Temporal Distribution of Vertebrate Remains from St. Catherines Island, Georgia
- 6:15 John Turck—Archaeological Survey and Geomorphological Analysis of Back-Barrier Islands on the Coast of Georgia, U.S.A.
- 6:30 Anna Semon—From Clay to Culture: A Preliminary Study of Aboriginal Ceramic Ecology on St. Catherines Island, Georgia
- 6:45 Matthew Sanger—Renew, Reuse, Recycle – the functional trajectory of the Late Archaic landscape on St. Catherines Island
- 7:00 Matthew Napolitano and Anna M. Semon—Putting the Pieces Together: Synthesizing and Reconstructing the Pueblo Landscape at St. Catherines Island, GA

**[114] GENERAL SESSION ■ THE ARCHAEOLOGY OF SPANISH CONTACT ACROSS THE U.S.**

**Room:** 19 (CC)

**Time:** 6:15 PM–8:45 PM

**Chair:** Christopher Rodning

**Participants:**

- 6:15 Seetha Reddy—Native Economies at Spanish Contact in coastal Southern California: Food Producers or Collectors?
- 6:30 Catherine Bailey—From Spanish outposts to Chumash villages: tracing the movement of locally produced earthenware along the central coast from 1782-1820
- 6:45 Matthew Schmader—Nailing Down Coronado: Comparisons of 16th Century Spanish Expeditionary Artifacts, Events, and Locations
- 7:00 Kelly Jenks—Witchcraft and Medicine in Colonial New Mexico
- 7:15 John Douglass, Seetha Reddy and Benjamin Vargas—Domination, Acculturation, and Resistance: Modeling Native American Responses to the Mission System in Southern California
- 7:30 Christopher Rodning—European Contact, Public Architecture, and Cherokee Towns in the Southern Appalachians
- 7:45 Ginessa Mahar—Bells of Rebellion: New Evidence from Santa Catalina de Guale (Georgia)
- 8:00 Elliot Blair—Beads and the Mission Landscape – Native - Spanish Interaction at Mission Santa Catalina de Guale, St. Catherines Island (GA)
- 8:15 Stacie Wilson—GIS Spatial Analysis of Late Prehistoric Cahuilla Land Use and Post-Contact Influence on Traditional Settlement and Subsistence Patterns
- 8:30 William Altizer—Culture Contact, Religious Conversion and Native Response: An Archaeological Examination of the Native American Experience at the Spanish Missions of San Antonio, Texas

**[115] SYMPOSIUM ■ DIRECT AND INDIRECT EVIDENCE OF PLANT EXPLOITATION DURING THE NATUFIAN**

**Room:** 4 (CC)

**Time:** 6:15 PM–9:00 PM

**Organizers:** Laure Dubreuil and Arlene Rosen

**Participants:**

- 6:15 David Eitam—A Look at the Natufian Culture through a "Stone Hole"
- 6:30 Dani Nadel and Danny Rosenberg—The Role of Manmade Stone Holes in Natufian Social Life
- 6:45 Laure Dubreuil and Hugues Plisson—Natufian flint versus ground stone tools: A use-wear perspective on subsistence change
- 7:00 Nigel Goring-Morris, Erella Hovers and Anna Belfer-Cohen—New Perspectives on Near Eastern Epipalaeolithic and Neolithic Groundstone Tools and Installations
- 7:15 Patricia Anderson—A reflection on some systematic uses of plants during the Natufian
- 7:30 Marta Portillo, Arlene M. Rosen and Mina Weinstein-Evron—Plant uses at el-Wad terrace (Mount Carmel, Israel): The phytolith evidence
- 7:45 Arlene Rosen—Natufian patterns of plant exploitation: managing risk and stability in an environment of change
- 8:00 Aubrey Baadsgaard, Linda Cummings and Michael Chazen—Discerning Epipaleolithic Subsistence Shifts at Wadi Mataha, Jordan
- 8:15 Daniella Bar-Yosef and Irit Zohar—The Role of Aquatic Resources in the

- Natufian  
8:30 Bryan Boyd—Human-plant relations and the social archaeology of food in the Early Natufian  
8:45 Ofer Bar-Yosef—Discussant

**[116] SYMPOSIUM ■ COASTAL RESOURCE EXPLOITATION IN THE EARLY/MID HOLOCENE: A STABLE ISOTOPE PERSPECTIVE**

**Room:** 18 (CC)

**Time:** 7:15 PM–9:15 PM

**Organizers:** Rick Schulting and Michael Richards

**Participants:**

- 7:15 Michael Richards—Stable isotope evidence for the Holocene use of marine resources in coastal British Columbia  
7:30 Gunilla Eriksson and Kerstin Lidén—Variation in use of marine resources during the Mesolithic and Neolithic in Sweden and the eastern Baltic - the stable isotope evidence  
7:45 Rick Schulting and Mike Richards—Stable isotope evidence for the early/mid Holocene use and non-use of marine resources in western Europe  
8:00 Minoru Yoneda—Marine resource use in Early/Mid Holocene Japan  
8:15 Pablo Arias—Coast, Mountains and Territories: The exploitation of marine and terrestrial resources in Northwest Iberia during the Mesolithic and the Neolithic  
8:30 Marcello Mannino and Michael P. Richards—Isotopic evidence for human diets in coastal Mediterranean environments in the early to mid-Holocene  
8:45 Choy Kyoungcheol, Michael Richards, In-Soo Ha and Ok-Ryun Jeon—Reconstructing prehistoric Korean subsistence activities using carbon and nitrogen stable isotopic analysis  
9:00 Donald Pate—Prehistoric diet and habitat use in coastal South Australia: An isotopic perspective

**[117] GENERAL SESSION ■ ADVANCES IN FAUNAL AND ETHNOBOTANICAL ANALYSIS**

**Room:** 20 (CC)

**Time:** 7:45 PM–8:45 PM

**Chair:** Kate Britton

**Participants:**

- 7:45 Jack Fenner—Stable Isotope Analysis of Archaeological Prey Bonebeds  
8:00 Maria Gutierrez, Cristian Kaufmann, María Álvarez, Mariela González and Agustina Massigoge—Comparative Study of Bone Mineralization in Guanaco (*Lama guanicoe*): Implications for Differential Preservation in Archaeological Sites  
8:15 Maria Raviele—Exploring Quantification of Maize Phytolith Densities Through Experimental Residue Analysis  
8:30 Kate Britton, Vaughan Grimes, Andrew Millard, Olaf Nehlich and Michael Richards—Mapping herd movements and migrations: preliminary investigations using multi-element isotopic analysis of modern herbivore teeth



**[118] GENERAL SESSION ■ ARCHAEOLOGY IN THE SOUTH AMERICA'S SOUTHERN CONE**

**Room:** 16 (CC)

**Time:** 8:00 PM–8:45 PM

**Chair:** Heidi Luchsinger

**Participants:**

- 8:00 Judith Charlin and Ramiro Barberena—Geographical organization of southern Patagonian hunter-gatherers (Argentina, South America)
- 8:15 Heidi Luchsinger—Geoarchaeology in Northern Patagonia: Landscape History and Settlement Patterns
- 8:30 Juan Belardi, Silvana Laura Espinosa, Flavia Carballo Marina, Gustavo Barrientos and Rafael Goñi—The Holocene Peopling of Southwestern Patagonia (Argentina): New Insights from the Tar and San Martín Lake Basins

**[119] GENERAL SESSION ■ CRAFT PRODUCTION AND CRAFTSMANSHIP IN SOUTHWESTERN ARCHAEOLOGY**

**Room:** 17 (CC)

**Time:** 8:00 PM–9:00 PM

**Chair:** Jill Neitzel

**Participants:**

- 8:00 Jill Neitzel—Maker's Marks on Pueblo Bonito's Pottery
- 8:15 Cynthia Herhahn—Organization of Technology over a Millennium: Comparing Lithic Assemblages from a Multi-Component Archaic/Early Navajo Site near Lybrook, New Mexico
- 8:30 Arthur MacWilliams—Comparisons of Expedient Flaked Stone Assemblages from Chihuahua, Mexico.
- 8:45 David Abbott—Unparalleled Production: Hohokam Pottery Specialization in the Phoenix Basin, Arizona

**[120] GENERAL SESSION ■ ARCHAEOLOGICAL RESEARCH IN THE GREAT BASIN**

**Room:** 7 (CC)

**Time:** 8:00 PM–8:45 PM

**Chair:** Timothy Riley

**Participants:**

- 8:00 Geoffrey Smith—Across the High Country: Pre-Archaic Lithic Procurement Patterns in Northwest Nevada
- 8:15 Timothy Riley—Evidence of Agriculture in the Bonneville Basin?: A Preliminary Investigation of the Microbotanical Record of the Bonneville Estates Rockshelter
- 8:30 Ethan Epstein, Emily J. Mueller and Scott P. Thomas—Chipped stone and Animal Bone at Mortar Riddle Site (35HA2627), Steens Mountain: Change over time

## Friday Morning ■ March 28, 2008

*Note: Sessions are not listed chronologically by start-time within each morning or afternoon time block. Refer to sessions at a glance to see temporal placement.*

- [121] WORKING GROUP ■ CURRENT ARCHAEOMETALLURGICAL RESEARCH IN MESOAMERICA: NEW APPROACHES, DISCOVERIES AND PERSPECTIVES**  
**Room:** Kensington Room (H)  
**Time:** 8:00 AM–10:00 AM  
**Organizers:** Scott Simmons and Aaron Shugar  
**Chair:** Hans Roskamp
- Participants:**  
Scott Simmons—Discussant  
Blanca Maldonado—Discussant  
Laura Richardson—Discussant  
Niklas Schulze—Discussant  
Elizabeth Paris—Discussant  
Hans Roskamp—Discussant
- [122] POSTER SESSION ■ CULTURAL HERITAGE AND CULTURAL RESOURCE MANAGEMENT - NORTHWESTERN NORTH AMERICA**  
**Room:** Exhibit Hall (CC)  
**Time:** 8:00 AM–12:00 PM
- Participants:**  
122-a Stephanie Trudel, Dennis Lewarch and Leonard Forsman—"Pulling" It All Together: Incorporating Suquamish Tribal Data Into An Archaeological Sensitivity Model of Kitsap County, Washington  
122-b Wendy Wright and Virginia L. Butler—Archaeological Resource Preservation: Developing a Model for the City of Portland  
122-c Amy Schlenker, Stephanie Butler and Omar Ramirez—Using Sensitivity Analysis for Large-Scale Cultural Resource Projects in the Pacific Northwest
- [123] POSTER SESSION ■ THE ORIGINS OF MODERN HUMANS IN SOUTHERN TANZANIA**  
**Room:** Exhibit Hall (CC)  
**Time:** 8:00 AM–12:00 PM  
**Organizer:** Pamela Willoughby
- Participants:**  
123-a Pamela Willoughby—The Stone Age prehistory of Iringa Region, southern Tanzania  
123-b Katie Bittner—Stone raw material utilisation during the MSA in southern Tanzania  
123-c Pastory Bushozi—Middle Stone Age technology and hunting behavior in southern Tanzania
- [124] POSTER SESSION ■ HISTORICAL ARCHAEOLOGY - SLAVERY AND PLANTATION STUDIES**  
**Room:** Exhibit Hall (CC)  
**Time:** 8:00 AM–12:00 PM
- Participants:**  
124-a Leslie Cooper, Jillian Galle, Karen Hutchins and Derek Wheeler—Uncovering Jamaican slave villages through spatial survey: methods and

- results
- 124-b Lynsey Bates—A GIS-based models of plantation spatial organization: Stewart Castle, Jamaica
- 124-c Karen Smith, Fraser Neiman and Jillian Galle—Building a Continuous Archaeological Chronology to Study Early-Modern Atlantic Slavery

**[125] POSTER SESSION ■ CULTURAL HERITAGE AND CULTURAL RESOURCE MANAGEMENT IN THE SOUTHWEST U.S.**

**Room:** Exhibit Hall (CC)  
**Time:** 8:00 AM–12:00 PM

**Participants:**

- 125-a Sarah Schlanger, Stephen Fosberg, Dave Simons, George MacDonell and Signa Larralde—Less is More: Making Better Management Calls in Southeast New Mexico's Permian Basin
- 125-b Jonathan Stark—Performance Analysis of Preservation Mortar at Wupatki National Monument, Arizona
- 125-c Lisa Baldwin—Tracing a Monument's History: Incorporating Historic Inscriptions into the Ruins Preservation Program at Walnut Canyon National Monument

**[126] POSTER SESSION ■ ARTIFACTS, SETTLEMENT, AND SOCIAL IDENTITY IN THE SOUTHWEST U.S.**

**Room:** Exhibit Hall (CC)  
**Time:** 8:00 AM–12:00 PM

**Participants:**

- 126-a Michelle Hegmon—Bird Imagery on Mimbres Pottery: Ecological and Social Significance
- 126-b Anna Neuzil—From Homogeneity to Creativity: Changes in Hohokam Ceramic Design Style from the Pioneer to the Colonial Period
- 126-c Darin McDougall and Andrew Duff—Technological Analysis of Ceramics from Cerro Pomo, a Great House Community in West-Central New Mexico
- 126-d Michael Elliott and Marie-Blanche Roudaut—Flaked Stone Technology and Cultural Affiliations at Two Late Archaic Sites in Northeastern New Mexico
- 126-e Sally Cole, Mona Charles and Marvin Rowe—Lead, Murals, and Pottery: Tracing Technologies and Peoples of Lowry Pueblo, Southwest Colorado
- 126-f Caitlin Wichlacz—Temper and Technology: Analysis of Ceramics from Two Great House Communities in West-Central New Mexico
- 126-g Gene Wheaton—Recognizing and Differentiating Protohistoric Occupations in southern New Mexico and West Texas
- 126-h Janet McVickar—"Mescal Wash North" : Who Were the Mescal Wash Site Neighbors?
- 126-i Lauren Davis and Todd VanPool—Examining Degrees of Specialization in Chihuahuan Polychrome Production
- 126-j Amy Tupa, Hector Neff and Myles Miller—El Paso Brownware Temper Sourcing

**[127] POSTER SESSION ■ ARCHAEOLOGICAL RESEARCH IN NORTHEASTERN NORTH AMERICA**

**Room:** Exhibit Hall (CC)  
**Time:** 8:00 AM–12:00 PM

**Participants:**

- 127-a Charles Turton and John McAndrews—Fossil fungal spores in Crawford Lake, Ontario, linked to Iroquoian farming C.E.1300-1500
- 127-b Dianna Doucette—Quarries, Workshops, and Campsites: A Rare

- 127-c Discovery in Southeastern New England  
Corey Hudson and Matthew Boulanger—Assessing the 'Grip-ability' of Ceramic Surface Treatments in the American Northeast
- 127-d Kathryn Whalen and Douglas Perrelli—A Cross-Feature Lithic Analysis of the McKendry Site, Western New York State
- 127-e Eric Jones—Settlement Ecology of the Haudenosaunee, AD 1500-1700
- 127-f Gregory Braun—Late Woodland smoking pipes: technological and social practices

**[128] POSTER SESSION ■ NEW WORLD PALEOINDIAN STUDIES**

**Room:** Exhibit Hall (CC)

**Time:** 8:00 AM–12:00 PM

**Participants:**

- 128-a Gary Haynes—The Rain of Animal Bones in Unpeopled Landscapes
- 128-b Patrick Lubinski, Jake Shapley, Bax Barton, Karl Lillquist and Morris Uebelacker—Three Seasons of Excavation at the Wenas Creek Mammoth Site in Central Washington
- 128-c Kathleen Holen and Steven Holen—New Evidence from the 1935 Lindenmeier Folsom Collection: A Beveled Bone Rod
- 128-d Daniel Broockmann—A Geospatial Analysis of Hydrothermal Features in Alaska and Implications for Trans-Beringian Migration
- 128-e Samuel Coffman—Metric Variations in Fluted and Unfluted Projectile Points from Pleistocene Lake Tonopah & Mud Lake, Nevada
- 128-f Daron Duke, David Page and D. Craig Young—Dating a Paleoindian Landscape with Obsidian Artifacts and Geoarchaeology
- 128-g Martin Adams—Paleoenvironmental Change in the Willamette Valley (Oregon) Utilizing Insect Remains from a Quaternary Peat Deposit
- 128-h Astolfo Araujo—Humans in Brazil During the Early Holocene: Contributions for a Larger Debate
- 128-i Joseph Gingerich—Paleoindian Hearth Features: An Example from Shawnee-Minisink
- 128-j Christopher Merriman, Matthew O'Brien and Bruce B. Huckell—Folsom Mobility and Technological Organization in North-Central New Mexico: The Contribution of Debitage Analysis

**[129] POSTER SESSION ■ MISSISSIPPIAN ARCHAEOLOGY**

**Room:** Exhibit Hall (CC)

**Time:** 8:00 AM–12:00 PM

**Participants:**

- 129-a Jeffrey Ferguson, Timothy Perttula and Michael Glascock—Dividing up the Caddo Cultural Landscape: Small-Scale Analysis of a Large Ceramic INAA Database
- 129-b Chester Walker, Adam King, Duncan McKinnon and Christopher Thornock—Archaeogeophysics at Etowah Indian Mounds State Park
- 129-c Janet Rafferty and Paula Andras—Vacant Centers and Dispersed Settlement Patterns
- 129-d Timothy Schilling, T.R. Kidder and John Kelly—Envisioning Monk's Mound: Results of the 2007 Stabilization and Restoration Project
- 129-e Scott Hammerstedt, George Milner and Kirk French—Experimental Use of Mill Creek Hoes as Digging Tools
- 129-f Cheryl Ann Munson, Jocelyn C. Turner, Rexford C. Garniewicz, Jonathan C. Criss and Dru E. McGill—Overview of Investigations at the Late Mississippian Hovey Lake Archaeological Site (12-PO-10), Posey County, Indiana
- 129-g Edward Henry, Maureen Meyers and Christopher Moore—Geophysical

Prospection on the Mississippian Frontier: 2007 Survey Results from the Carter Robinson Mound Site (44LE10)

**[130] POSTER SESSION ■ HISTORICAL ARCHAEOLOGY: HEALTH, DEMOGRAPHY, AND MORTUARY PATTERNS**

**Room:** Exhibit Hall (CC)  
**Time:** 8:00 AM–12:00 PM

**Participants:**

- 130-a Nicole De Schiffart and Aubrey Cannon—Death and Commemoration of Children in Rural Victorian England and Ontario
- 130-b Heather Trigg and Susan Jacobucci—Urbanization and Human Parasites: Implications for Health and Society in Historic Communities
- 130-c Leslie Williams—The Johnstown Flood of 1889: demographics, recovery, and funerary treatment in a historical mass disaster
- 130-d Jeremy Pye—Below the Sod: A Geophysical Survey of a Rural Oklahoma Cemetery
- 130-e Lauren Holcomb—Health care in an Irish-American household

**[131] POSTER SESSION ■ RECENT RESEARCH IN THE ANDEAN COAST**

**Room:** Exhibit Hall (CC)  
**Time:** 8:00 AM–12:00 PM

**Participants:**

- 131-a Amanda Aland—Evidence of an Inka Presence at Santa Rita B, Chao Valley, Peru: A Preliminary Report
- 131-b Melissa Murphy, Maria Fernanda Boza, Andrew Scherer and Elena Goycochea—Identity, Violence and the Spanish Conquest at Puruchuco-Huaquerones, Peru
- 131-c Martin Authier and Manuel Perales Munguía—The application of geospatial analysis software in the petrographic examination of ceramics from two Initial Period/Early Horizon monuments at Huaricanga, Fortaleza Valley, Peru
- 131-d Stacy Dunn—Standing Guard at La Centinela and others: Mapping Contemporary Changes in Site Boundaries at Late Intermediate Period Adobe Complexes, Norte Chico, Peru
- 131-e Monica Oyola-Coeur—A Preliminary Investigation of Ceramic Styles and Chronology at the Rio Chico Site, Manabi, Ecuador

**[132] POSTER SESSION ■ WESTERN SCIENCE AND CULTURAL CERTAINTY: MATERIAL STUDIES**

**Room:** Exhibit Hall (CC)  
**Time:** 8:00 AM–12:00 PM

**Organizers:** Johna Hutira, Dorothy Lippert and Richard Begay

**Participants:**

- 132-a Joe Watkins—“By the Ford in the River: Scavenging Behavior on the Southern Great Plains”
- 132-b Dorothy Lippert—Biological Analytical Realities: Bridges to Indigenous Experience
- 132-c Richard Begay—Casinos and Community Aggregation
- 132-d Johna Hutira, Miranda Warburton and Doug Craig—An Iconographic Approach to the Origins of *Zea mays* Cultivation: A Post-Modern Critique utilizing Cosmology, Feminism, and Diffusionist Theory
- 132-e Nina Swidler and Michael Yeatts—Ritual Deposition?: A Multivariate Examination of Retirement Behavior of Status Items in the Southwest
- 132-f Kevin Cunningham and Danica Ziegler—Ceremonial, Ritual and Cultural Adaptations and Monumental Architecture

132-g Kerry Thompson and Neomie Tsosie—The View from the Periphery: Colonization and Navajo Foodways

**[133] POSTER SESSION ■ RECENT WORK AT KEATLEY CREEK AND THE SURROUNDING MID-FRASER REGION OF BRITISH COLUMBIA**

**Room:** Exhibit Hall (CC)

**Time:** 8:00 AM–12:00 PM

**Organizers:** Suzanne N. Villeneuve and Brian Hayden

**Chair:** Suzanne Villeneuve

**Participants:**

- 133-a Suzanne Villeneuve and Brian Hayden—Issues in Identifying and Interpreting Ritual Activity at Keatley Creek
- 133-b Brian Hayden—The Sociopolitical Role of Ritual in Transegalitarian Societies
- 133-c Jim Spafford, Suzanne Villeneuve, Matthew Sisk and Tanya McMaster—Reconstructing regional settlement patterns in the Mid-Fraser Canyon
- 133-d Matthew Sisk, Suzanne Villeneuve and Guy Cross—Methodological advances in recording housepit stratigraphy: Using GIS to integrate disparate data
- 133-e Michael Fox, Brad Carroll, Cameron Smith and Suzanne Villeneuve—Examining causes of small structure variation at Keatley Creek through lithic analysis
- 133-f Carmen White, Tanya McMaster, Chris Springer and Suzanne Villeneuve—Examining causes of variation in small structures at Keatley Creek
- 133-g Takashi Sakaguchi—Late Prehistoric Settlement Choices in the Mid-Fraser Region on the Canadian Plateau
- 133-h Charles Ouellet-Pelletier—Bridging the Past: Investigating the possible existence of ancient bridge sites in the Lillooet Area
- 133-i Nadine Gray—Recent Research at a Pithouse Village (EeRb 77) in Secwepemc Territory, British Columbia
- 133-j Celia Nord and Joanne Hammond—Gender Issues and the Archaeology of the Canadian Plateau

**[134] SYMPOSIUM ■ SOCIALLY EMBEDDED VIOLENCE IN THE ANCIENT AMERICAS: BEYOND SACRIFICE AND CANNIBALISM**

**Room:** Ballroom A (CC)

**Time:** 8:15 AM–12:15 PM

**Organizers:** Miguel Aguilera and Jane Buikstra

**Participants:**

- 8:15 Lisa Lucero—Violence among Classic Maya Commoners: Reaching the Gods
- 8:30 Kay Read—Destructive Habits: Children, Blood, Bones and Questions of Nahua Ritual Violence
- 8:45 Gerardo Aldana—On Stars and Skeletons: reflections on the role of religion in state-sponsored violence
- 9:00 George Milner—The Social Dimensions of Warfare in Eastern North America
- 9:15 Gregory Wilson—Pax, Ritual, and Death: The Appropriation of Cahokian Political Culture on the Northern Mississippian Frontier
- 9:30 Christine White, Michael Spence, Fred Longstaffe, Karyn Olsen and Douglas Price—Examining sacrifice: The symbolic role of “the other” and the ideological role of the warrior
- 9:45 Ben Nelson, Ann Kinzig, Debra Martin and John Anderies—A Demographic Model for the Commemoration of Warriors in a Northern Mexican Ceremonial Center

- 10:00 Jane Buikstra, Debra Martin and Ann Stodder—Were there Warriors in the Greater SW? A Bioarchaeological Perspective
- 10:15 Elizabeth Arkush—Killing them softly, killing them loudly: Warfare and violent display in the Andes
- 10:30 Nicole Couture—Talking Heads and the Grateful Dead: unpacking the meaning of trophy heads at Tiwanaku
- 10:45 Tiffany Tung—Performative Violence in the Wari Empire of the Peruvian Andes
- 11:00 Emily Umberger—Coyolxauhqui's Body
- 11:15 Miguel Aguilera—Figuring the México World at Malinalco: Ideology and Socialization at a Kiva-Like Lookout Complex
- 11:30 Elizabeth Graham—Socially Sanctioned Killing in America, Then and Now
- 11:45 John Monaghan—Discussant
- 12:00 Patricia McAnany—Discussant

**[135] GENERAL SESSION ■ NEW APPROACHES TO STUDYING SOCIAL CHANGE**

**Room:** Ballroom B (CC)

**Time:** 8:00 AM–8:45 AM

**Chair:** Brian Trail

**Participants:**

- 8:00 David Small—Looking at Social Change in a Data-Rich Context
- 8:15 H. Martin Wobst—Information in A Non-Modernist Hunter-Gatherer Scenario
- 8:30 Brian Trail—A Comparative Approach to Collapse: The Mycenaean and Anasazi Cases

**[136] SYMPOSIUM ■ SEX, CAVES, AND COSMIC MONSTERS: PAPERS IN HONOR OF ANDREA STONE**

**Room:** Ballroom C (CC)

**Time:** 8:00 AM–11:45 AM

**Organizers:** Julia Guernsey and Kent Reilly

**Participants:**

- 8:00 Julia Guernsey—Lessons from the Preclassic Pacific Slope
- 8:15 Kent Reilly—The Cave and the Beneath-World Spirit: Mythic "Dragons" From The North American Past
- 8:30 Virginia Fields—Beyond Caves: Landscape and Cosmology
- 8:45 Marc Zender—Disconnection, Foreign Insignia, and Political Legitimacy: Revisiting the Dynastic Symbolism of Piedras Negras
- 9:00 Kathryn Reese-Taylor and David Freidel—Goddesses, Grandmothers, Queens, and Consorts: Matrilines in Classic Maya Society
- 9:15 Susan Milbrath—Portals and Passageways to the Underworld
- 9:30 Carolyn Tate—Phallus, Seed, Womb: La Venta's Primal Creation Narrative
- 9:45 Constance Cortez—From Maya Drag to Guillermo Gomez-Peña's New Skirt: Gender Performativity in Contemporary Latino/a Art
- 10:00 Eugenia Robinson—Memoried Ritual: Rock Art and Ethnicity at La Casa de las Golondrinas
- 10:15 Matthew Looper—Southeastern Maya zoomorphic sculptures as politico-religious symbols
- 10:30 Karon Winzenz—Functional and Symbolic Bundles on Late Classic Maya Ceramics
- 10:45 James Brady and Allan Cobb—Recent Discoveries of Speleothem Rock Art: An Assessment of the Field
- 11:00 Eduardo Douglas—From Cave to Grave: Metaphors of the Divine in Quinatzin Map Leaf 1
- 11:15 Dorie Reents-Budet—Bringing the Underworld to Light: Andrea Stone and

11:30 Maya Cave Exploration  
Andrea Stone—Discussant

**[137] SYMPOSIUM ■ PARALLEL WORLDS: INTERDISCIPLINARY AGENT-BASED MODELS OF SOCIOECOLOGICAL PROCESSES AND COMPLEXITY**

**Room:** 1 (CC)

**Time:** 8:00 AM–11:30 AM

**Organizers:** Tim Kohler and J Rogers

**Chair:** Claudio Cioffi-Revilla

**Participants:**

8:00 Andre Costopoulos—Integrating and comparing results from simulations at different scales  
8:15 Charles Perreault and P. Jeffrey Brantingham—Agent-based models of the forager-collector continuum  
8:30 Luke Premo—Routed foragers, favored loci, and environmental fragmentation: an ABM of Type C assemblage formation  
8:45 Lawrence Kuznar—The Dynamics of Tribal Politics and the Distribution of Material Wealth: An Agent-based Simulation  
9:00 Mark Lake—Agent-based simulation of hunter-gatherer - farmer interaction in the spread of farming  
9:15 Dwight Read—Confirmation of Predictions from an Agent Based Model of Interbirth Spacing  
9:30 Marco Janssen—Exchange networks and migration in the ancient American Southwest  
9:45 Timothy Kohler and Ziad Kobti—The Effects of Exchange in the Village Ecodynamics World  
10:00 Isaac Ullah, Gary Mayer, C. Michael Barton and Hessam Sarjoughian—Ancient Mediterranean landscape dynamics: hybrid agent and geospatial models as a new approach to socioecological simulation  
10:15 Benjamin Studevent-Hickman, McGuire Gibson, Tony Wilkinson and John Christiansen—Modeling Bronze Age Southern Mesopotamia: Initial Results  
10:30 Tate Paulette—Modeling Bronze Age Northern Mesopotamia: New Layers of Complexity  
10:45 Art Griffin and Charles Stanish—Emergent patterns of political consolidation in agent-based model simulations of pre-Inca Andean cultures  
11:00 Claudio Cioffi-Revilla and J. Daniel Rogers—Agent-based modeling of long-term human and social dynamics in Inner Asia  
11:15 Michael North—Discussant

**[138] SYMPOSIUM ■ RECENT DISCOVERIES IN THE PREHISPANIC AND EARLY COLONIAL ARCHAEOLOGY OF CHOLULA AND PUEBLA, MEXICO**

**Room:** 11 (CC)

**Time:** 8:00 AM–10:30 AM

**Organizers:** William Fowler and Citlalli Reynoso Ramos

**Chair:** William Fowler and Citlalli Reynoso Ramos

**Participants:**

8:00 Gabriela Uruñuela and Patricia Plunket—Life in the City: The Figurines of Early Urban Cholula  
8:15 Sergio Suarez Cruz—La presencia Olmeca Xicalanca en Cholula: Una discusión sobre sus restos, su distribución y su cronología  
8:30 Silvia Martínez and Sergio Suárez Cruz—Los altares Olmecas Xicalancas de Cholula, Puebla



- 8:45 Tanya Chykowski—Lithic Material from the Archaeological Site of Cholula, Puebla, Mexico
- 9:00 Sharisse McCafferty and Geoffrey McCafferty—Shields of Clay: The Symbolism of Spindle Whorls from Postclassic Cholula
- 9:15 Gilda Hernandez Sanchez—Recent Research on Codex-Style Mixteca-Puebla Pottery
- 9:30 Michael Lind and Catalina Barrientos—The Obverse of the Codex of Cholula: Defining the Settlement System in the Kingdom of Cholula
- 9:45 Lillian Torres-Gonzalez—From Sacred to Profane, From Illegal to Tradition: Prehispanic and Colonial Offerings in the Cities of Puebla and Cholula
- 10:00 Citlalli Reynoso Ramos—Table of Wheat, Table of Corn: Consumer Choice Foodways and Social Prestige in Early Colonial Puebla
- 10:15 Geoffrey McCafferty—Discussant

**[139] SYMPOSIUM ■ SHELL MIDDEN BIOARCHAEOLOGY ACROSS THE ATLANTIC: FOCUS ON CULTURE**  
**Room:** 8 (CC)  
**Time:** 8:00 AM–10:45 AM  
**Organizers:** Mirjana Roksandic and Sheilla M. F. Mendonca de Souza

**Participants:**

- 8:00 Debora Zurro Hernandez, Ivan Briz and Myrian Alvarez—Ethnoarchaeology and Residue analysis in fisher-hunter-gatherer sites: a holistic methodological design
- 8:15 Veronica Wesolowski and Sheila Mendonça de Souza—Sambaquis: A Brazilian Myth of Well Succeeded Foragers?
- 8:30 Claudia Rodrigues-Carvalho—Shellmidden in Brazilian Southeast: bioarchaeological singularities of Rio de Janeiro State sambaqui groups
- 8:45 Rita Scheel-Ybert, Gina Faraco Bianchini and Maria Dulce Gaspar—Palaeoenvironment and palaeoethnobotany in Southern and Southeastern Brazilian shellmounds
- 9:00 Celia Boyadjian, Sabine Eggers and Karl Reinhard—Vegetal Microfossils Analysis in Dental Calculus from Brazilian Shellmounds
- 9:15 Maria Okumura and Sabine Eggers—Natural and cultural formation processes on the archaeological record: a case study regarding skeletal remains from a Brazilian shellmound
- 9:30 Dejana Vlak—When does the childhood end?
- 9:45 Mirjana Roksandic—Skeletal remains as embodied past: building a picture of a prehistoric group from individual experiences
- 10:00 Cleia Cardoso e Cunha and João Luís Cardoso—Archaeozoology of the last hunter-gatherers in the lower Tagus Basin (Muge, Portugal)
- 10:15 Sarah Leonard and Mirjana Roksandic—Dental Caries in a Mesolithic Shell Midden: Ideas on Subsistence and Society
- 10:30 Allee Jaagumagi, Jennifer McKenzie BSc and Mirjana Roksandic Phd—The Importance of Burial Reconstruction: A Case Study from the Muge Valley, Portugal
- 11:00 Michele Wollstonecroft—Achaebotanical research at Cabeço da Amoreira (6630±60 B.P. to 6550±70 B.P.) a final Mesolithic shell midden in the Muge valley, Lower Tagus basin, Portugal

**[140] SYMPOSIUM ■ THE CHACO STRATIGRAPHY PROJECT: ONGOING RESEARCH AND PRELIMINARY RESULTS**  
**Room:** 12 (CC)  
**Time:** 8:00 AM–10:30 AM  
**Organizer:** Wirt Wills

**Participants:**

- 8:00 Patricia Crown—Chacoan Cylinder Jars  
8:15 Jonathan Driver and Shaw Badenhorst—Faunal remains from recent excavations at Pueblo Bonito  
8:30 Adam Okun—Preliminary Analysis of Lithic Artifacts from the Pueblo Bonito Middens  
8:45 Wirt Wills—Overview of the Chaco Stratigraphy Project  
9:00 Edward Jolie and Adam Watson—Preliminary Results from the Reinvestigation of Pueblo Bonito's East Mound  
9:15 Hannah Fretwell and Hannah Mattson—Ornaments from the Pueblo Bonito Middens: A Preliminary Examination of Production and Consumption  
9:30 Lewis Borck and Patricia Crown—Preliminary Results of Organic Residue Analyses of Ceramics from Pueblo Bonito, Chaco Canyon  
9:45 Sarah Dixon—Micro sampling of various Chaco sediments for artifact recovery  
10:00 Wetherbee Dorshow—Modeling Paleohydrology in Archaeological Contexts with Terrestrial LIDAR and GIS: A Chaco Canyon Case Study  
10:15 Jill Neitzel—Discussant

**[141] SYMPOSIUM ■ HISTORICAL ECOLOGY AND THE LANDSCAPE APPROACH: CHANGING PERSPECTIVES ON THE DEVELOPMENT OF SOUTHEAST ASIAN COMPLEXITY**  
**Room:** 2 (CC)  
**Time:** 8:00 AM–11:30 AM  
**Organizers:** Chureekamol Onsuwan Eyre and Dougald O'Reilly  
**Chair:** Dougald O'Reilly

**Participants:**

- 8:00 Katherine Arrell and Joyce C. White—The Middle Mekong Basin as a Human Landscape in Prehistory: Insights from New Research  
8:15 Olivia Given, Joyce C. White and Ben Marwick—The Potential of Exploratory Regional Survey to Uncover Evidence of Human-Landscape Interaction: An Example from Northern Laos  
8:30 Benjamin Marwick—Hoabinhian Palaeoeconomics and Palaeoecology at Two Late Pleistocene and Early Holocene Archaeological Sites in Northwest Thailand  
8:45 Damien Huffer, Dr. Nguyen Kim Dung, Dr. Marc Oxenham, Dr. Hirofumi Matsumura and Dr. Nguyen Lan Cuong—Man Bac, a Late Neolithic Cemetery and Habitation Site in Northern Viet Nam: Overview and Recent Findings  
9:00 Chureekamol Eyre—Discovering Land Use Variability and Ceramic Subregions: A Regional Approach to Site Survey in Central Thailand  
9:15 Dougald O'Reilly—Moated Sites and Changing Perceptions of Landscape in Iron Age Thailand  
9:30 Nigel Chang—Domestication, Moats and Landscapes in Northeast Thailand  
9:45 Miriam Stark and Alexander Morrison—Land Use and Settlement through Time in Cambodia's Mekong Delta  
10:00 Mitch Hendrickson—Location, Location, Location!! Transport, Settlement

- and Resource Procurement Models in Angkorian Southeast Asia  
 10:15 Luke Benbow—Quotidian Life of Medieval Khmer  
 10:30 Louise Shewan, Nancy Beaven-Athfield and Dougal O'Reilly—The  
 Development of Cultural Complexity: Isotopic Characterization of  
 Cambodian Skeletal Material and Environment  
 10:45 Elisabeth Bacus—Landscapes of Island Southeast Asian Polities: Insights  
 on Early Balinese States  
 11:00 Clark Erickson—Discussant  
 11:15 Jeffrey Fleisher—Discussant

**[142] SYMPOSIUM ■ CONTACT ERA ARCHAEOLOGY OF THE LOWER COLUMBIA RIVER VALLEY**

**Room:** 13 (CC)

**Time:** 8:00 AM–10:30 AM

**Organizer:** Elizabeth Sobel

**Chair:** Jon Daehnke

**Participants:**

- 8:00 Jon Daehnke—Contact in the Longue Duree: Archaeological Practice and  
 the Colonial Legacy of Contact  
 8:15 Kenneth Ames and Loren Davis—XRF analysis of contact-era copper  
 artifacts from the Meier and Cathlapotle sites, Lower Columbia River  
 8:30 Ann Trieu Gahr—The Role of Plant Resources in Contact Era Land Use  
 Patterns along the Lower Columbia River  
 8:45 Terry Ozburn—Applying Traditional Knapping Technologies to  
 Manufactured Glass during the Contact Period in the Lower Columbia  
 River Valley  
 9:00 Rick Pettigrew—A Summary of Investigation at the St. Johns Site  
 9:15 David Ellis—Power and Authority on the Lower Columbia: An  
 Archaeological Perspective  
 9:30 Douglas Wilson—Exploring Chinook Cultural Contact at Station Camp at  
 the Mouth of the Columbia River  
 9:45 Robert Losey—Late Holocene Fish Traps in the Transforming Landscapes  
 of Willapa Bay, Washington  
 10:00 Tanya Roberts—Fishing and Cultural Transformations in Southwest  
 Washington: Subsistence and Settlement Patterns at the Minard Site,  
 Grays Harbor  
 10:15 Elizabeth Sobel and Christopher Cotter—The Evolving Role of Long  
 Island, WA, in Chinookan Identity and Culture

**[143] SYMPOSIUM ■ HUNTER-GATHERER TRANSITIONS THROUGH THE YOUNGER DRYAS: A GLOBAL PERSPECTIVE**

**Room:** 10 (CC)

**Time:** 8:00 AM–11:30 AM

**Organizer:** Metin Eren

**Participants:**

- 8:00 Bryan Shuman—The Varied Climatology of the Younger Dryas  
 Chronozone: A Case Study of North American Moisture Patterns  
 8:15 Eric Grimm—Vegetation and Climate Changes in the Midwestern United  
 States during the Bølling-Allerød and Younger Dryas Chronozones  
 8:30 Stella Blockley and Clive Gamble—Human presence in Europe during the  
 Younger Dryas: landscape use and species exploitation from radiocarbon  
 dated material  
 8:45 Michael Jochim—Coping with the Younger Dryas in the Heart of Europe  
 9:00 David Cohen—What was the impact of the Younger Dryas on hunter-  
 gatherer populations in China and surrounding East Asia?

- 9:15 Patrick Wrinn—The Younger Dryas and Late Glacial Hunter-Gatherer Adaptations in Siberia
- 9:30 Leore Grosman—A Multivariable Simulation of the Younger Dryas Episode and the Natufian Entity at the Southern Levant
- 9:45 Peter Hiscock and Christopher Clarkson—Demographic, technological and economic responses to the Younger Dryas in Australia
- 10:00 Tom Dillehay—Climates, Environments, and the Onset of Socio-cultural Diversity across South America
- 10:15 Paige Newby and James Bradley—Paleoindians and the Younger Dryas: Changing Landscapes within New England and Maritime Canada
- 10:30 David Anderson and Scott Meeks—The Impact of the Younger Dryas on Paleoindian Cultures in the Southeastern United States
- 10:45 Jason LaBelle—Landscape Investment among Folsom Foragers of the Rocky Mountains of Western North America
- 11:00 Metin Eren—A Comparison of Lower Great Lakes and New England Environmental Change and Paleoindian Responses During the Younger Dryas
- 11:15 David Meltzer—Discussant

**[144] GENERAL SESSION ■ STUDIES OF SPATIAL ORGANIZATION AND CERAMIC EXCHANGE AT MESOAMERICAN SETTLEMENTS**

**Room:** 18 (CC)

**Time:** 8:00 AM–9:15 AM

**Chair:** Dave Johnstone

**Participants:**

- 8:00 Helen Haines and Clifford Patterson—Suburbia, Maya Style? Results of the Preliminary Investigations at Ka'Kabish and the Intermediary Settlement Zone in the Lamanai Periphery
- 8:15 Dave Johnstone—Changes in internal site settlement within the Coahuah region of the Northern Lowlands
- 8:30 Kathryn Sorensen and Scott L. Fedick—The Possible Conceptual Basis of Settlement Boundary Definition at the Ancient Maya Site of T'isil
- 8:45 Tatiana Young—Defining the site boundaries in Northern Lowlands
- 9:00 Lisa Overholtzer and Michael Glascock—Trading Faces: INAA results from Ceramic Figurines from Postclassic Xaltocan, Mexico

**[145] GENERAL SESSION ■ CULTURAL HERITAGE AND ARCHAEOLOGY IN THE NORTHWEST COAST, CANADA, AND THE ARCTIC**

**Room:** 19 (CC)

**Time:** 8:00 AM–9:15 AM

**Chair:** Natasha Lyons

**Participants:**

- 8:00 Kevin Brownlee, Leslie Baker, Myra Sitchon, S. Brooke Milne and Mostafa Fayek—Looking at heritage through the eyes of the Asiniskaw Ithiniwak: Community-driven archaeology in northern Manitoba
- 8:15 Wayne Hill—Six Nations Archaeology Defining our Relations in Ontario Archaeology
- 8:30 Natasha Lyons, Matthew Walls and Peter Dawson—Person, Place, Memory, Thing: How Inuit Elders are transforming ancient knowledge to meet the needs of modern life
- 8:45 Terence Fifield, E. James Dixon and Rosita F. Worl—Kuwóot yas.éin (His Spirit is Looking Out From the Cave) Once More
- 9:00 Diana French—Cowboys and Cattle Where the Deer Once Roamed: The Impact of Ranching on Heritage Resources in Southern Interior British Columbia, Canada

**[146] GENERAL SESSION ■ HISTORICAL ARCHAEOLOGY IN THE CARIBBEAN**

**Room:** 3 (CC)  
**Time:** 8:00 AM–9:00 AM  
**Chair:** Jane Baxter

**Participants:**

- 8:00 Jane Baxter—A Different Way of Seeing: Identifying Children and Adults in 19th Century Graffiti on San Salvador, The Bahamas
- 8:15 Georgia Fox—Preliminary Archaeological Investigations at Betty's Hope, Antigua: the Plantation as System, Socioenvironmental Change in the British Caribbean and Atlantic World
- 8:30 Catherine Losier—L'Exclusif?: European Colonial Wares From French Guyana (1652-1789)
- 8:45 John Burton and Jane Baxter—Reassessing “Terra Incognita”: Archaeological Evidence of Post-Emancipation Lifeways at Polly Hill Plantation, The Bahamas

**[147] SYMPOSIUM ■ BEYOND WARI WALLS: EXPLORING THE NATURE OF MIDDLE HORIZON PERU AWAY FROM WARI CENTERS**

**Room:** 9 (CC)  
**Time:** 8:00 AM–11:15 AM  
**Organizer:** Justin Jennings  
**Chair:** Veronique Belisle

**Participants:**

- 8:00 Ulrike Green—The Nature of Wari Presence in the mid-Moquegua Valley: Domestic Contexts at Cerro Trapiche
- 8:15 Bruce Owen—Wari in the Majes-Camaná valley
- 8:30 Robin Goldstein—A Tale of Two Valleys: A comparative approach to understanding long-term effects of imperial local interactions
- 8:45 Justin Jennings—Inchoate Empire? The Role of Wari in the Cotahuasi Valley of Southern Peru
- 9:00 Veronique Belisle—Continuity at the Village Level during the Middle Horizon in the Cusco Region
- 9:15 Christina Conlee—Nasca and Wari: Local Opportunism and Colonial Ties during the Middle Horizon
- 9:30 Frank Meddens—The Wari state, ancestors, rural hinterland and agricultural infrastructure
- 9:45 Giancarlo Marcone—Lima and Wari Interaction; The Peruvian Central Coast at the Beginning of the Middle Horizon
- 10:00 Rafael Segura and Izumi Shimada—The Wari footprint on the Central Coast. A view from Cajamarquilla and Pachacamac
- 10:15 Katherine Nelson, Nathan Craig and Manuel Perales—Piecing together the Middle: The Middle Horizon in the Norte Chico
- 10:30 Theresa Topic and John Topic—Huamachuco and Wari: Reading the Evidence for Contact in the North Sierra
- 10:45 Claude Chapdelaine—Discussant
- 11:00 William Isbell—Discussant

**[148] SYMPOSIUM ■ THE EMERGENCE OF HUNTER-GATHERER COMPLEXITY IN SOUTH FLORIDA**

**Room:** 14 (CC)  
**Time:** 8:00 AM–11:30 AM  
**Organizers:** John Dietler and Margo Schwadron

**Participants:**

- 8:00 Michael Russo—Late Archaic Emergent Complexity in South Florida

- 8:15 Jon Endonino—Complex Neighbors to the North: Hunter-Gatherers, Monuments, and Mortuary Mounds in the St. Johns River Valley, Florida
- 8:30 Thomas Pluckhahn and Richard Estabrook—Integrating Local and Regional Social Processes in the Understanding of Weeden Island Complexity
- 8:45 Robert Carr—The Miami Circles and the Prehistoric Settlement System of the Miami River
- 9:00 William Marquardt—A Historical Ecology of the Calusa of Southwest Florida
- 9:15 Karen Walker and Donna Surge—A Consideration of Climate Variability in the Timing of Sociopolitical Change in Subtropical Southwest Florida: A.D. 1–1700
- 9:30 Lee Newsom and C. Margaret Scarry—Paleoethnobotanical Reflections on Hunter-Gatherer Complexity in South Florida
- 9:45 John Dietler—The Rise of Chiefly Craft Economies in Southwest Florida
- 10:00 Corbett Torrence and Theresa Schober—An Economic Frontier: Evolution of Settlement Patterns in Coastal Southwest Florida
- 10:15 Margo Schwadron—Shell Work Landscapes and Emergent Complexity in the Ten Thousand Islands, Florida
- 10:30 Jeffrey Mitchem—Mississippian Influence on Weeden Island: Safety Harbor in the Greater Tampa Bay Region
- 10:45 John Worth—An Ethnohistorical Perspective on Hunter-Gatherer Complexity in South Florida
- 11:00 Randolph Widmer—Research strategies for investigating the emergence of foraging sociopolitical complexity in south Florida
- 11:15 Gary Coupland—Discussant

**[149] SYMPOSIUM ■ NEW VIEWS ON ANCIENT AFRICA-PAPERS IN HONOR OF C. GARTH SAMPSON**  
**Room:** 16 (CC)  
**Time:** 8:00 AM–11:15 AM  
**Organizers:** Tom Minichillo and Britt Bousman  
**Chair:** Britt Bousman

**Participants:**

- 8:00 Britt Bousman and James Brink—Holocene Geoarchaeology and Archaeology at Baden-Baden, South Africa
- 8:15 Angela Close—Social inequality in the simplest of artifacts
- 8:30 Alison Brooks, Sarah A. Tishkoff and John E. Yellen—Origins of Modern African Diversity: Archaeological and Genetic Perspectives
- 8:45 J. Harris, Loretta Dibble, Emmanuel Ndiema, Gail Ashley and Purity Kuira—Modeling Long-term Temporal and Spatial Patterns of Holocene Land Use at Lake Turkana, Kenya
- 9:00 Brian Stewart and Peter Mitchell—Why pots? Thoughts on the adoption of ceramics by southern African foragers and herders
- 9:15 Thomas Huffman—Climate change during the Iron Age in the Shashe-Limpopo Basin, southern Africa
- 9:30 Sally McBrearty—Implications of Variability in the African Acheulian and Middle Stone Age
- 9:45 Carol Frey—The Later Stone Age at Die Kelders Cave 1 (Western Cape Province, South Africa): Stratigraphy and New Dates from the 1992-1995 Excavations
- 10:00 Erin Thompson and Curtis W Marean—Cape St. Blaize Cave and the use of the term "Mossel Bay" in Middle Stone Age Studies
- 10:15 Curtis Marean—The life history of Pinnacle Point Cave 13B (Mossel Bay, South Africa): Setting the context for human occupation

- 10:30 Antonietta Jerardino and Curtis W Marean—Shellfish gathering and marine palaeoecology during the Middle and Late Pleistocene: perspectives from Cave 13b, Pinnacle Point, South Africa
- 10:45 Jessica Thompson—Taphonomy of the faunal assemblage from Pinnacle Point Cave 13B, Western Cape, South Africa
- 11:00 Tom Minichillo, Erin Thompson and Hope Williams—Variability in Early Middle Stone Age Lithic Technology in Southern Africa

**[150] SYMPOSIUM ■ SOME ARCHAEOLOGICAL CHIMERAS IN THE INVESTIGATIONS OF ANCIENT MEXICO**

**Room:** 17 (CC)

**Time:** 8:00 AM–11:30 AM

**Organizers:** Diana Zaragoza and Patricio Davila

**Participants:**

- 8:00 Patricio Davila—Southeastern Concepts in Mexican Ancient Cultures
- 8:15 Yoko Sugiura—Comal in the history of Mesoamerica: a myth
- 8:30 Carlos Pallan—Reconstructing ancient Maya history today: Moving away from romanticism and dogma towards historiography and science
- 8:45 Laura Chavez and Patricia Fournier—Protagonistas o Invasores: El Papel de Los Otomíes en la Conformación de Sociedades Complejas en la Región de Tula, Hidalgo, México
- 9:00 MariCarmen Serra and Carlos Lazcano—Los Olmeca Xicalanca en Tlaxcala. Mito o Realidad
- 9:15 Alejandro Pastrana—Por Que Debemos Estudiar Yacimientos de Obsidiana en Mesoamerica
- 9:30 Blanca Paredes—En realidad la antigua Tollan Xicocotitlan fue saqueada, incendiada, y abandonada totalmente?
- 9:45 Kim Richter—The Huastec Sculptural Aesthetic: Defining Styles at Castillo de Teayo
- 10:00 Rosa Reyna—Postulados Artísticos y Realidades Arqueológicas: La Desmitificación del Estilo Mezcala
- 10:15 Annick Dannels—Centro de Veracruz y Totonacapan: Conceptos no Equivalentes
- 10:30 Ruben Cabrera—Los teotihuacanos tambien practicaron el sacrificio humano a gran escala
- 10:45 Katherine Faust—A Reconsideration of the Huastec Maize Symbol
- 11:00 Carlos Lazcano and MariCarmen Serra—Centros monumentales durante el Formativo
- 11:15 Diana Zaragoza—It's really the Huastec a cultural continuity through time?

**[151] FORUM ■ HERITAGE VALUES AND VALUING HERITAGE: CONSIDERING THE (DIS)CONNECTS AMONG THE PAST, PRESENT, AND FUTURE**

**Room:** 7 (CC)

**Time:** 8:00 AM–10:00 AM

**Organizers:** Hilary Soderland, George Smith and Phyllis Messenger

**Chair:** George Smith

**Moderator:** Phyllis Messenger

**Participants:**

- Elizabeth Chilton—Discussant
- Joelle Clark—Discussant
- Jack Corbett—Discussant
- Megg Heath—Discussant
- William Jansen—Discussant
- Barbara Miller—Discussant

David Morgan—Discussant  
David Pokotylo—Discussant  
Nelly Robles Garcia—Discussant  
Chen Shen—Discussant  
Claire Smith—Discussant  
Pei-Lin Yu—Discussant

**[152] SYMPOSIUM ■ NEW DIRECTIONS IN COASTAL CALIFORNIA ARCHAEOLOGY**

**Room:** 20 (CC)

**Time:** 8:00 AM–10:00 AM

**Organizers:** Elizabeth Sutton and Amy Gusick

**Participants:**

- 8:00 Leslie Reeder and Torben Rick—Forty Years Later: What have we learned about the Earliest Human Occupations of Santa Rosa Island?
- 8:15 Amy Gusick—Prehistoric Fishing Practices on Santa Cruz Island
- 8:30 Bernardo Broitman and Carola Francisca Flores-Fernandez—Spatial Distribution of Shellfish and Shellfish Harvesting on Santa Cruz Island: An Ecological and Archaeological Perspective
- 8:45 Heather Thakar-Hucks—Shellfish Exploitation, Coastline Geomorphology and Climate Variability on Santa Cruz Island
- 9:00 Lauren Willis, Torben Rick and Jon Erlandson—Coastal Foraging and Marine Ecology on Middle Holocene Cuyler Harbor, San Miguel Island, California
- 9:15 Jennifer Perry—Interior Sites on Santa Cruz Island: Terrestrial Resources and Residential Mobility in the Middle Holocene
- 9:30 Elizabeth Sutton—New Evidence for Late and Contact Period Residential Occupation in the Central Valley of Santa Cruz Island
- 9:45 Terry Jones—Discussant

**[153] SYMPOSIUM ■ THE PREHISTORY OF IBERIA (NEOLITHIC TO IRON AGE) AND THE DEBATE ON THE FORMATION OF HIERARCHICAL SOCIETIES AND THE STATE**

**Room:** 4 (CC)

**Time:** 8:00 AM–10:45 AM

**Organizers:** Maria Cruz Berrocal and Antonio Gilman

**Chair:** Antonio Gilman

**Participants:**

- 8:00 Juan Vicent García—Marxism in Spanish Archaeology: paradigms and research models on the origins of social complexity in Iberia
- 8:15 Pedro Díaz del Río—Decoding the transcripts of the pristine state hypothesis
- 8:30 Alexandra Miller, Steven Schlich, C. Michael Barton and Sarah McClure—Climate Change and Socioecological Dynamics in Eastern Spain
- 8:45 Sarah McClure, Oreto García Puchol, Bernat Martí Oliver and Joan Bernabeu Aubán—Cova de la Pastora and the emergence of social inequality in the Spanish Levant
- 9:00 Marcella Brodsky—Settlement patterns and social complexity in the Bronze Age of La Mancha, Spain
- 9:15 Arturo Ruiz—Ways of Life and Forms of Power in the Iberians of the southern Iberian Peninsula
- 9:30 Leonardo García Sanjuán—Reviewing social complexity in Copper Age Southwest Spain
- 9:45 Inés Sastre Prats and Francisco Javier Sánchez-Palencia—Non-hierarchical approaches to the Iron Age societies: the case of the Castro



- 10:00 Culture of Northwestern Iberian Peninsula  
Cesar Parceró—Fortification as a social fact. Processes of social change and resistance in the Iron Age of Northwest Iberian Peninsula
- 10:15 Manuel Santos—Atlantic Rock Art and Social Transformation
- 10:30 Katina Lillios—Societies Against the State, or The Failure of the State in Iberian Prehistory

**[154] SYMPOSIUM ■ FROM THE PECOS TO THE PALEOLITHIC: PAPERS IN HONOR OF ARTHUR J. JELINEK**

**Room:** Ballroom B (CC)

**Time:** 9:00 AM–12:15 PM

**Organizers:** Deborah Olszewski and Harold Dibble

**Chair:** Mark Baumler

**Participants:**

- 9:00 Mark Baumler—This Man - Arthur J. Jelinek
- 9:15 Philip Chase—Form, Function and Mental Templates in Paleolithic Lithic Analysis
- 9:30 April Nowell and Mark White—Life History Strategies and the Acheulian
- 9:45 Shannon McPherron, Marie Soressi, Jacques Jaubert and Jean-Jacques Hublin—Sequences and Similarities: Jonzac, La Quina and the late Mousterian
- 10:00 Harold Dibble—The Legacy of Arthur Jelinek in Method, Theory, and Scientific Approach: A View from the Middle Paleolithic
- 10:15 Brian Byrd and Andrew Garrard—Discerning Forms: Late Pleistocene Lithic Assemblages in the Arid Azraq Basin, Jordan
- 10:30 Deborah Olszewski—Reductive Technology and the Epipaleolithic of the Middle East and North Africa
- 10:45 Michael Barton and Julien Riel-Salvatore—A lithic perspective on ecological dynamics in the Upper Pleistocene of western Eurasia
- 11:00 Simon Holdaway, Patricia Fanning, Matthew Douglass and Justin Shiner—Context in Australian Stone Artifact Studies
- 11:15 Alan Sullivan—By These Scraps Ye Shall Know Him: A. J. Jelinek's Enduring Theoretical and Methodological Contributions to Southwest Archaeology
- 11:30 Barbara Roth—Jelinek's Mimbres Valley Survey and the Mimbres Mogollon
- 11:45 John Whittaker and Kathryn Kamp—Simple Tools, Complex Concepts: Mobility and Ethnicity in the SW
- 12:00 David Wilcox—Depositional Processes and Social Groupings at a Cohonina Homestead, the Rolling Rock Site

**[155] SYMPOSIUM ■ (RE)CONSTRUCTING IDENTITY: THE ARCHAEOLOGY OF THE PACIFIC COAST AND HIGHLANDS OF CHIAPAS AND GUATEMALA**

**Room:** 18 (CC)

**Time:** 9:45 AM–12:30 PM

**Organizers:** Claudia Garcia-Des Lauriers and Michael Love

**Chair:** Claudia Garcia-Des Lauriers

**Participants:**

- 9:45 David Cheetham—Cantón Corralito: An Early Olmec Colony in Global Perspective
- 10:00 Michael Love—Identity, style, and household ritual at La Blanca, Guatemala
- 10:15 Federico Paredes-Umaña—Defining Political Entities in Preclassic Western El Salvador

- 10:30 Hector Neff—What a Waste: Identity Construction in the Archaeological Record of Southern Mesoamerica
- 10:45 Claudia Garcia-Des Lauriers—(Re)constructing Teotihuacan Identity at Los Horcones, Chiapas
- 11:00 Lucia Henderson—A Common Space: Lake Amatitlan and Volcan Pacaya in the Cosmology of Highland Guatemala and Escuintla
- 11:15 Oswaldo Chinchilla and Janine Gasco—Cotzumalguapa Art and the Mesoamerican Religious Tradition
- 11:30 Janine Gasco—Material Culture and Ethnic Identity in Colonial and Postcolonial Soconusco
- 11:45 Geoffrey Braswell—The Construction of K'iche'an Identity and the Problem of Ethnicity
- 12:00 John Clark—Discussant
- 12:15 Rosemary Joyce—Discussant

**[156] SYMPOSIUM ■ RECENT APPLICATIONS OF GEOCHEMICAL TECHNIQUES IN POLYNESIAN ARCHAEOLOGY**  
**Room:** 3 (CC)  
**Time:** 9:15 AM–12:15 PM  
**Organizers:** Suzanne Eckert and Peter Mills

**Participants:**

- 9:15 Jenny Kahn, Peter Mills, Patrick Kirch and John Holson—Tool Production at the Nu'u Quarry, Maui, Hawaiian Islands: XRF Analyses and Manufacturing Stage Sequences
- 9:30 Ernest Winterhoff and Phillip R. Johnson—Social Relations at Basalt Adze Production Sites on Tutuila, American Samoa: A Chemical Characterization Study into Intra-Island Distribution
- 9:45 Mark Oxley, Michael Graves, Julie Field and Peter Mills—Pre-Contact Basalt Utilization of Pololu Valley, Hawaii: Results of Recent EDXRF
- 10:00 Christopher Crews—Lithic Exchange for a Small Samoan Village
- 10:15 Mara Mulrooney, Thegn Ladefoged and Christopher Stevenson—Continuity or Collapse? Developing a Diachronic Model for Settlement and Land Use in Hanga Ho'ou, Rapa Nui (Easter Island): A Brief Progress Report
- 10:30 Phillip Johnson—Elemental Analysis of fine-grained basalt sources and artifacts from the Samoan Island of Tutuila
- 10:45 Andrew Roberts and Suzanne Eckert—Economic Interaction between Ancestral Polynesian villages on Tutuila Island, American Samoa
- 11:00 Peter Mills—Using non-destructive Energy-Dispersive X-Ray Fluorescence (EDXRF) to discriminate between closely related basalts: a case study from Hawaii Island
- 11:15 Steven Lundblad, Peter Mills and Jacob Smith—Understanding Confounding Variables Associated with Non-Destructive EDXRF Analysis of Archaeological Basalt: Examples from Hawai'i
- 11:30 Danny Welch—Geochemical Testing of Volcanic Glass from Tutuila Island, American Samoa
- 11:45 Christopher Stevenson and Peter Mills—A re-examination of volcanic glass hydration dating in Hawaii: a case study from Kahalu'u Habitation Cave, Hawai'i Island
- 12:00 Marshall Weisler—Discussant

**[157] SYMPOSIUM ■ IDENTITY AND IDEOLOGY AT THE FRONTIER: PERSPECTIVES FROM TARAPACA, NORTHERN CHILE**

**Room:** 15 (CC)

**Time:** 8:45 AM–12:00 PM

**Organizers:** Ran Boytner, Mauricio Uribe and Ioanna Kakoulli

**Chair:** Ran Boytner and Maria Cecilia Lozada

**Participants:**

- 8:45 Ran Boytner—In the Land of Many Features: Survey Results from the Lower Tarapaca Valley
- 9:00 Mauricio Uribe—Ceramica y Complejidad Social en La Quebrada de Tarapaca (Chile): Avances Sobre el Período Formativo y el Horizonte Medio
- 9:15 Maria Lozada—Mortuary Excavations and Bioarchaeological Research in Northern Chile
- 9:30 Ioanna Kakoulli, Christian Fischer, Marianne Cilluffo, Kun Liu and Sergey V. Prikhodko—Taphonomy, Diagenesis and Preservation of Bioarchaeological Materials in the Tarapaca Valley, Chile
- 9:45 Hans Barnard—Archaeological Evidence for Rain in the Now Hyperarid Pampa Tamarugal
- 10:00 Rodrigo Retamal, Josefina González and Mauricio Uribe—Intervenciones en el Cementerio Huarasiña (Quebrada de Tarapacá, I Región)
- 10:15 Erika Brant—New Petroglyphs From Northern Chile: A Study of Age and Function
- 10:30 Alejandra Vidal—Análisis Funcional de la Aldea de Tarapacá Viejo (Tr-49) a Través de la Evidencia Arqueobotánica y Arqueofaunística
- 10:45 Carolina Aguero—Desarrollo de la Textilería Arqueológica de la Quebrada de Tarapaca (norte de Chile)
- 11:00 Christian de Brer—Delicate Tasks - Housing Mummy Bundles and other Excavated Artifacts from the Tarapaca Valley, Chile
- 11:15 Colleen Donley—The Inka in Chile: A View from the Tarapaca Valley
- 11:30 Victoria Castro—Discussant
- 11:45 Charles Stanish—Discussant

**[158] SYMPOSIUM ■ HYDRAULIC CONSTRUCTIONS IN ARCHAEOLOGICAL CONTEXTS**

**Room:** 19 (CC)

**Time:** 9:30 AM–12:00 PM

**Organizer & Chair:** Jay Silverstein

**Participants:**

- 9:30 John Walker—Amazonian Ring Ditches as Water Control Features
- 9:45 Karla Davis-Salazar—The Cultural Construction of Classic Maya Hydraulic Engineering
- 10:00 Kirk French and Christopher Duffy—Prehispanic Water Pressure at Palenque
- 10:15 Ezgi Akpinar, Nicholas Dunning and John G. Jones—Aguadas of San Bartolo and Xultun, Peten, Guatemala
- 10:30 Nick Dunning, Tom Sever and Robert Griffin—Ancient Maya Canals in the Bajo de Azucar, Peten, Guatemala
- 10:45 Jay Silverstein, Horacio Martinez, David Webster, Tim Murtha and Kirk Straight—Earthworks or Waterworks: Contextualizing the Great Tikal Ditch
- 11:00 Gerardo Gutierrez Mendoza—The Trompezon Irrigation System of Eastern Guerrero

- 11:15 Charles Frederick, Luis Morett and Fernando Sanchez—Evolution of an Irrigation Canal in the Yautepec Valley of Morelos, Mexico
- 11:30 Greg Luna—Chinampa fields or Open Lake? Spatial Analyses of Late Aztec Period Archaeology of Chalco-Xochimilco lakes, Southern Basin of Mexico
- 11:45 Vern Scarborough—Discussant

**[159] SYMPOSIUM ■ SCARCITY'S APPRENTICE: RAW MATERIAL AVAILABILITY AND THE TRANSMISSION OF SKILL IN PREHISTORIC LITHIC TECHNOLOGY**

**Room:** 7 (CC)

**Time:** 10:15 AM–12:30 PM

**Organizers:** Farina Sternke, Nyree Finlay and Lotte Eigeland

**Chair:** Lotte Eigeland and Farina Sternke

**Participants:**

- 10:15 Françoise Audouze—Apprenticeship in an Area Rich in Flint : The Paris Basin during the Magdalenian (France)
- 10:30 Per Falkenström—The Greenstone Dimension - Skill in Connection to Axe Production in Central Bohuslän, Sweden
- 10:45 Roger Wikell, Fredrik Molin and Mattias Pettersson—Mesolithic Quartz Knapping along the Sea-shore in Eastern Middle Sweden
- 11:00 Lotte Eigeland—No Man Is An Island
- 11:15 Nyree Finlay—Stonecraft, Sociability and Skill in Prehistoric Scotland
- 11:30 Izabel Devriendt—Bipolar pieces, A Question of Function, Raw Material Availability or Skill: A Case-study of the Neolithic sites at Swifterbant (The Netherlands)
- 11:45 Gunther Noens and Yves Perdaen—The social organisation of technology? A Mesolithic case study from the Low Countries
- 12:00 Farina Sternke—Stuck Between a Rock and Hard Place: Skill Transmission and Differential Raw Material Use in Mesolithic Ireland
- 12:15 Ann Van Baelen and Philip Van Peer—Social Organisation of Early Middle Palaeolithic Lithic Technology at Veldwezelt-Op de Schans (Limburg, Belgium)

**[160] SYMPOSIUM ■ REGIONAL PERSPECTIVES ON EASTERN EUROPEAN TRANSITIONS**

**Room:** 20 (CC)

**Time:** 10:15 AM–12:30 PM

**Organizers:** Hanneke Hoekman-Sites and Timothy Parsons

**Participants:**

- 10:15 Hanneke Hoekman-Sites—Dairy Intensification in Hungary during the Neolithic and Copper Age Periods?
- 10:30 Julia Giblin—Strontium Isotope Analysis of Neolithic and Copper Age Populations from the Great Hungarian Plain
- 10:45 Attila Gyucha—The Transition between the Late Neolithic and Early Copper Age on the Great Hungarian Plain: Towards a New Model of the Changes
- 11:00 Smiti Nathan—The Use of Geophysical and Geochemical Methods to Interpret the Okány 16 Site in Békés County, Hungary
- 11:15 Margaret Morris—Interacting with the Landscape: A GIS Investigation of Trends Across Eastern Europe from the Neolithic through the Copper Age
- 11:30 Timothy Parsons—Social Change and the Place of Kurgans in Late Copper Age and Early Bronze Age Hungary

- 11:45 Paul Duffy—Tell societies of Neolithic and Bronze Age Hungary: A Spatial Comparison  
12:00 Ols Lafe—Coastal Settlements of Albania from Prehistory to Iron Age  
12:15 Peter Biehl—Discussant

**[161] GENERAL SESSION ■ NEOLITHIC SOCIAL DIFFERENTIATION IN THE NEAR EAST**  
**Room:** 11 (CC)  
**Time:** 10:45 AM–12:00 PM  
**Chair:** Jane Peterson

**Participants:**

- 10:45 Jane Peterson—Social Differentiation in Early Agricultural Villages: A Gendered Analysis from the Levant  
11:00 Emma Guerrero, Ian Kuijt, Mark Schurr, Miquel Molist and Josep Anfruns—New Perspectives on Neolithic Inequality: Mortuary and Isotopic Research at Tell Halula, Syria  
11:15 Edward Banning—So Fair a House: Were there Temples in the Pre-Pottery Neolithic of the Near East?  
11:30 Kevin Gibbs—Culture and Community: Late Neolithic Pottery in Wadi Ziqlab, Jordan  
11:45 Seth Button—Quantifying Inter-site Economic Variability in Neolithic Cyprus

**[162] GENERAL SESSION ■ STUDIES OF DEMOGRAPHY, BIOARCHAEOLOGY, AND WARFARE IN THE SOUTHWEST U.S.**  
**Room:** 12 (CC)  
**Time:** 10:45 AM–12:00 PM  
**Chair:** Janna Gruber

**Participants:**

- 10:45 Gwen Mohr—Biological Relations Between Chaco and Early Classic Rio Grande Populations  
11:00 Scott Ingram—“Megadroughts” and the 15th Century Depopulation of Central and Southern Arizona  
11:15 Lori Gerrard and Robert J. Hard—Early Warfare and Segmentary Societies in Northwestern Mexico  
11:30 Janna Gruber—Measuring Mimbres Populational Health Status During The Pithouse to Pueblo Transition  
11:45 Steven James—Dynamics of Warfare in 13th Century Southern Sinagua Communities in the Middle Verde Valley: Recent Archaeological Evidence From Honanki Pueblo Near Sedona, Arizona

**[163] GENERAL SESSION ■ WOODLAND AND LATE PREHISTORIC SETTLEMENT PATTERNS IN THE NORTHEASTERN U.S.**  
**Room:** 13 (CC)  
**Time:** 10:45 AM–12:15 PM  
**Chair:** James Harmon

**Participants:**

- 10:45 Lisa Anselmi—The Martin II site: An Early Woodland Lithic Manufacturing Locality on the Niagara Frontier  
11:00 James Harmon—Water, Wetlands and Problems of Landscape Change in Site Location Analysis: A Case Study from the Late Prehistoric Eastern Woodlands  
11:15 Sarah Neusius and Beverly Chiarulli—Return to the Johnston Site: New Dates and Data on the Monongahela

- 11:30 Jessi Halligan and Ben Ford—Modeling New England Prehistoric Sites by Comparing Survey Areas to Site Location
- 11:45 Allison Byrnes—Lithic Technology and Site Use at the Scarem-Kramer Site, a Monongahela Settlement in Southwestern Pennsylvania
- 12:00 Hex Kleinmartin—Iroquoian Longhouse Life: What goes on in there?

**[164] GENERAL SESSION ■ EDUCATION AND PUBLIC OUTREACH**

**Room:** 4 (CC)

**Time:** 11:00 AM–12:00 PM

**Chair:** Katie Dambach

**Participants:**

- 11:00 Linda Neff—Engaging Students Using Clickers in a Large Enrollment Undergraduate Archaeology Course
- 11:15 Jennifer Nisengard—Cultural resources and recreational trails use at Los Alamos National Laboratory, Los Alamos, New Mexico, education and mitigation
- 11:30 Jessica Freas—Discovering Archaeology through the Eyes of a Middle School Student
- 11:45 Katie Dambach—Show up, Sit down, Tune out: How to Keep Students Engaged in Our Classrooms

**[165] GENERAL SESSION ■ ANCIENT CITIES IN TURKEY**

**Room:** 8 (CC)

**Time:** 11:15 AM–12:15 PM

**Chair:** Jesse Casana

**Participants:**

- 11:15 Andy Creekmore—Mapping the Development of States in Upper Mesopotamia: Spatial analysis of Early Bronze Age Settlement in the Harran Plain, Turkey
- 11:30 Jesse Casana, Jason Herrmann and Eric Jensen—Settlement History and Urban Planning at Zincirli Höyük, Southern Turkey
- 11:45 Scott Branting—Testing Simulations of Movement along Ancient City Streets at Kerkenes Da, Turkey
- 12:00 Joseph Lehner—Recent Research at Kerkenes Dađ

## Friday Afternoon ■ March 28, 2008

*Note: Sessions are not listed chronologically by start-time within each morning or afternoon time block. Refer to sessions at a glance to see temporal placement.*

**[166] WORKING GROUP ■ WOMEN REACHING OUT: STRATEGIES AND CONTEXTS FOR MENTORING IN ARCHAEOLOGY**

**Room:** Brighton Room (H)

**Time:** 1:00 PM–3:00 PM

**Organizers:** Jane Baxter and Tracie Mayfield

**Chair:** Margaret Beck

**Participants:**

Jodie O’Gorman—Discussant  
Jeni Borchert—Discussant  
Jeanette McKenna—Discussant  
Deborah Rotman—Discussant  
Lisa Frink—Discussant  
Christyann Darwent—Discussant  
Jane Peterson—Discussant  
Cynthia Van Gilder—Discussant  
Cynthia Zutter—Discussant  
Tammy Stone—Discussant  
Angela Keller—Discussant  
Sarah Wille—Discussant

**[167] POSTER SESSION ■ TOPICS IN ARCHAEOOMETRY**

**Room:** Exhibit Hall (CC)

**Time:** 1:00 PM–5:00 PM

**Participants:**

- 167-a James Feathers—Recent Developments in Luminescence Dating of Ceramics
- 167-b Rachel Popelka-Filcoff, Patti Wright, Michael Glascock and J. David Robertson—Neutron Activation Analysis (NAA) of Iron Oxide Artifacts from St. Charles and St. Louis Counties, Missouri
- 167-c R. Hollinger, Phoebe Hauff and Georgette Kidwell—Visible – Infrared Analysis of Red Pipestone Artifacts in the Smithsonian Collections
- 167-d Christie Pohl, Greg Hodgins, Robert J Speakman and Harriet (Rae) Beaubien—Cyclododecane: Does this Subliming Fixative for Archaeological Materials Affect 14C Dating?

**[168] POSTER SESSION ■ SCIENTIFIC ANALYSES IN OLD WORLD ARCHAEOLOGY**

**Room:** Exhibit Hall (CC)

**Time:** 1:00 PM – 5:00 PM

**Organizer:** Aksel Casson

**Participants:**

- 168-a BriAnne Wolfe and Colin Quinn—Personal Adornment and Costly Signaling in the Near Eastern Neolithic
- 168-b Liv Nilsson Stutz—Anthropologie de Terrain – A Taphonomic Approach to Reconstructing Mortuary Practices
- 168-c Demetry Brellas—Analysis of Faunal Remains from Tell Abu Duwari (Ancient

- Mashkan-shapir)
- 168-d Chantel White—Macrobotanical and Phytolith Analyses at the Neolithic Site of el-Hemmeh, Jordan
- 168-e Eliza Wallace—Geography and the 'Asal-Dhra' Archaeological Project
- 168-f Matthew Kroot—The Pre-Pottery Neolithic A of the Dead Sea Basin: Developing Testable Models for Inter-site Interaction
- 168-g Aksel Casson and Elizabeth Winter—Exploring Applications of Luminescence Dating: Case Studies from Europe, Asia, and the Near East
- 168-h Ellery Frahm, Marianna Nikolaidou and Marilyn Kelly-Buccellati—Investigating Ceramic Technology at Urkesh (Tell Mozan, Syria): Using Image Analysis Software to Correlate Sherd Scans in the Field and X-ray Element Maps in the Lab
- 168-i Meriam Hinman, Cheryl Makarewicz, George Cody and Noreen Tuross—Isotopes, Collagen, and Degradation: New evidence from Pyrolysis GC-MS and Solid State Carbon-13 NMR
- 168-j James Taylor, Amanda Henck, Yongxian Li, Hongliang Lv and Qinxia Yang—Interdisciplinary, International Research at the Asano Archaeological Site, Jiuzhaigou National Park, Sichuan, China
- 168-k Jay Flaming—Geospatial Analysis and Landscape Archaeology Survey in Corsica
- 168-l Becky Kessler—Rethinking Magdalenian Mobility
- 168-m Susan Harris—Chronological Indicators in Lithic Debitage from the Southwest German Mesolithic
- 168-n Rana Ozbal—Using Microarchaeology and the Chemical Analyses of Floor Sediments to Understand the Spatial Patterning of Living Floors at Tell Kurdu, Turkey
- 168-o Phillipp Rassmann—The Grinding Edge of Ground Stone: An Anatolian Case Study

**[169] POSTER SESSION ■ ARCHAEOLOGICAL RESEARCH IN ASIA AND OCEANIA**

**Room:** Exhibit Hall (CC)

**Time:** 1:00 PM – 5:00 PM

**Participants:**

- 169-a Lisa Nagaoka—Differential Carnivore Damage by Domesticated Dogs in New Zealand: A Potential Indicator of Resource Availability and Foraging Efficiency
- 169-b Megan Hawkins—The Organization of Prehistoric Basalt Tool Production on the Samoan Island of Tutuila
- 169-c Marshall Weisler, Quan Hua and Jian-xin Zhao—C-14 Marine Reservoir Ages in Hawai'i Derived from U-series Dated Corals
- 169-d Debra Green and Daniel E. Lestarijette—Late Holocene Land-Use and Lithic Procurement Strategies of Foraging Groups in the Tanjay River Drainage Basin, Philippines
- 169-e Matthew Douglass and Simon Holdaway—Investigating Stone Artifact Transport Through the Measurement of Cortical Surface Area in Western NSW Australia
- 169-f Christophe Descantes—The History of Taraang's Cultural Landscape: O'Keefe's Island, Yap, Micronesia
- 169-g Alicia Ventresca—A Statistical Analysis of Mortuary Remains from the Andronovo Culture

**[170] POSTER SESSION ■ ARCHAEOLOGICAL RESEARCH IN CHINA AND MONGOLIA**

**Room:** Exhibit Hall (CC)

**Time:** 1:00 PM–5:00 PM

**Participants:**

- 170-a Hua Zhang and Hong Zhu—Non-metric Study of Cranial Traits of Ancient



- Human Remains from North China
- 170-b Dong Wei and Hong Zhu—Mortuary Analysis of Ancient Human Remains from Sichuan, China
- 170-c Francis Allard—Horse Focused Ritual Practice in Mongolia: An Example of Long-term Continuity?
- 170-d Juzhong Zhang—Agriculture, Burial Practice, and Technology at Jiahu, an Early Neolithic Site (9000-7800BP) in Northern China
- 170-e Yu Dong, Stanley Ambrose, Ekatarina Pechenkina, Li Liu and Xingcan Chen—Isotopic Evidence for Changes in Neolithic Chinese Domestic Pig Herd Management

**[171] POSTER SESSION ■ SETTLEMENT STUDIES IN MESOAMERICA**

**Room:** Exhibit Hall (CC)

**Time:** 1:00 PM–5:00 PM

**Participants:**

- 171-a Ronald Fauseit and Nezahualcoyotl Xiutecutli—Late Classic Settlement and Transition at Dainzú-Macuixóchitl, Oaxaca: Results from the Survey and Mapping Project at Cerro Danush
- 171-b Timothy Brown and Mellissa R Ruiz—Calixtlahuaca, Mexico 2007 Field Season. Preliminary Excavation Results
- 171-c Kenichiro Tsukamoto—Classic Maya Urban Planning: Placement, Elevation, and Visibility
- 171-d Arlene Colman—Mesoamerica's Formative Sister Cities: La Venta and Chiapa de Corzo
- 171-e Bradley Russell—Settlement Survey of Peripheral Mayapan
- 171-f Lance Wollwage—Cenotes, Snails, Soils, and Water Level Shifts in the Yalahau Region, Mexico
- 171-g Juliana Novic—Reaching the City Limits: Identifying Settlement Boundaries at Calixtlahuaca, Toluca, Mexico
- 171-h Nathan Wilson—Wet or Dry: Seasonal Agricultural Potential and Settlement Distribution in La Mixtequilla, Veracruz, Mexico

**[172] POSTER SESSION ■ SETTLEMENT PATTERNS AND FEATURES IN THE PACIFIC NORTHWEST**

**Room:** Exhibit Hall (CC)

**Time:** 1:00 PM–5:00 PM

**Participants:**

- 172-a Jesse Morin and Jon Sheppard—Potential Ritual Structures at Keatley Creek on the Canadian Plateau
- 172-b Nichole Gillis and Sarah Sterling—Structural Features at Tse-whit-zen: The Building History of a Large Pre-contact Village in Washington State
- 172-c Martina Steffen, Duncan McLaren, Daryl Fedje and Richard Hebda—Preliminary Investigation of Limestone Solution Caves on Northern Vancouver Island, British Columbia: Paleontological Recovery and Archaeological Potential
- 172-d Eric Carlson, Anna Prentiss, Ian Kuijt and Art Adolph—Visually Reconstructing Prehistoric Life in the Middle Fraser Canyon, British Columbia: The Process
- 172-e Nicole Crossland, Eric Carlson, Ian Kuijt, Anna M. Prentiss and Art Adolph—The Traditional Seasonal Round in the Middle Fraser Canyon, British Columbia: Past and Present
- 172-f Kelly Bush—The Analysis and Interpretation of an Unusual and Small Shell Midden Feature on Whidbey Island, Northwestern Washington
- 172-g Patrick McCutcheon, Kevin Vaughn, Nicholas Smith and Tara Gauthier—A Method and Technique for Evaluating Chronologies

- 172-h James Dolan—Only Sediment Deep: Analysis of a Northwest Coast Household Floor
- 172-i Paul Szpak, Trevor Orchard and Darren Gröcke—Isotopic and Archaeological Evidence for Regional Ecological Differences in Pre-Contact and Early Contact Haida Gwaii (British Columbia)
- 172-j Steven Hackenberger, Tucker Orvald and Gideon Cauffman—GIS Models and Archaeological Assemblage Variation: Middle Columbia River Uplands.
- 172-k Angela Ruggles and Michael Olivotto—A Preliminary Culture History of the Early to Mid- Holocene on the Dundas Islands of North Coastal British Columbia

**[173] POSTER SESSION ■ PLAYING WITH FIRE AND FORAGING RETURNS: EXPERIMENTAL RESEARCH ON HABITAT MANIPULATION AND RESOURCE HANDLING**

**Room:** Exhibit Hall (CC)

**Time:** 1:00 PM–5:00 PM

**Organizers:** James O'Connell and Douglas Bird

**Chair:** James O'Connell

**Participants:**

- 173-a Christopher Parker—Fire as Cultivator: The Ethnoarchaeology of Burning, Patch Creation, and Plant Domestication
- 173-b Douglas Bird, Brian Coddling, Christopher Parker and Rebecca Bliege Bird—The Ethnoarchaeology of Fire-stick Farming in Indigenous Australia
- 173-c Joshua Trammell, Susan Bush, James O'Connell, Christopher Parker and Penni Borghi—After the Fire: Thoughts on Pre-Columbian and Post-Apocalyptic Western North American Landscapes
- 173-d James O'Connell, Joshua Trammell, Christopher Parker, Sarah Grant and Lori Hunsaker—Experimental Assessment of Resource Rank: Handling Costs for *Perideridia* (epos, yampa) in the Northern Great Basin
- 173-e David Thomas, Elliot Blair, Anna Semon and Matthew Sanger—Experimental Archaeology and Resource Ranking on St. Catherines Island (Georgia)

**[174] POSTER SESSION ■ TOPICS IN ARCHAEOLOGICAL METHOD AND THEORY**

**Room:** Exhibit Hall (CC)

**Time:** 1:00 PM–5:00 PM

**Participants:**

- 174-a Adrian Myers, John Schofield, Cassie Newland and Anna Nilsson—Contemporary Archaeology in Practice: Excavating Transit Van J641 VUJ
- 174-b Jeanne Arnold and Anthony Graesch—A Case Study in Modern Material Culture: Measures of Wealth and Identity Expression
- 174-c Bernard Means—New Deal Archaeology in Pennsylvania: A Continuing Legacy
- 174-d Brian Scanlan, Lauren M. Willis and Metin I. Eren—"Psssst... Guess What I Heard ...." Some Thoughts on Archaeological Research Rumors
- 174-e Joshua Wells and Christopher Andres—Space Syntax for Archaeologists: A Manual for Achieving Replicable and Empirical Data for Studying Spatial Organization
- 174-f Ben McGee—Intersections of Planetary Science and Archaeology: Planetary Protection, Astrobiology, and Guidelines for a Xenoarchaeological Methodology
- 174-g Erik Gjesfeld and Chad Brock—Methods of Phylogenetic Inference Using Archaeological Data
- 174-h Nicole Ortmann—Food Storage Duration in Traditional Societies
- 174-i Marcy Rockman—Archaeology of Unfamiliar Places: A Report on Updates to the Landscape Learning Process Model

**[175] SYMPOSIUM ■ AGRICULTURE TO ATHAPASKANS, SAMPLING TO SALMON: PAPERS IN HONOUR OF R. G. MATSON**

**Room:** Ballroom A

**Time:** 1:00 PM–4:15 PM

**Organizer:** Martin Magne

**Chair:** Michael Blake and Martin Magne

**Participants:**

- 1:00 Sara Davis, Kristen Fuld and Kenneth M. Ames—Dart and Arrow Points on the Columbia Plateau.
- 1:15 Michael Blake—Comparing the Northward and Southward Spread of Maize
- 1:30 Mark Varien—Early Agriculture in the Northern San Juan Region: The Basketmaker II-III Transition
- 1:45 Roy Carlson—The Mimbres Kachina Cult Revisited
- 2:00 Catherine Cameron—Advances in Southwestern Migration Studies
- 2:15 Martin Magne—Modelling Athapaskan Migrations
- 2:30 David Pokotylo, Sandra Peacock and Brian Kooyman—Black Holes in Canadian Plateau Archaeology
- 2:45 Douglas Hudson—The Ecological and Social Frameworks of Athapaskan Resource Use in Northern British Columbia
- 3:00 Brian Chisholm—Prehistoric Diet on the Northwest Coast of North America: Stable Isotopic Evidence
- 3:15 Gary Coupland—Communalism, the Forgotten Dimension of Northwest Coast Social Structure
- 3:30 Gregory Monks—Optimal Foraging vs. Costly Signaling: the Case of Nuuchahnulth Whaling.
- 3:45 Alan McMillan—Investigating the Nuuchahnulth House: a Barkley Sound Example
- 4:00 William Lipe—RG-ology, North and South

**[176] GENERAL SESSION ■ MORTUARY PATTERNS IN THE OLD WORLD**

**Room:** Ballroom B (CC)

**Time:** 1:15 PM–2:00 PM

**Chair:** Joanne Murphy

**Participants:**

- 1:15 Joanne Murphy—Death and Destruction: The Role of the Dead in Pylos, Greece
- 1:30 Maureen Marshall and Alan Greene—Catacomb Queries: The Social Dynamics of Late Bronze Age Burial Practices, Artik, Armenia
- 1:45 Alexandra Moyer—Mirrors as Artifacts and Agents in Mortuary Contexts

**[177] SYMPOSIUM ■ BEYOND STATUS, MEANING, METAPHOR, AND IDENTITY IN NEW WORLD MORTUARY PRACTICES**

**Room:** Ballroom B (CC)

**Time:** 2:15 PM–5:00 PM

**Organizer:** Joseph Ezzo

**Chair:** Stephanie Whittlesey

**Participants:**

- 2:15 Michael O'Hara—The Magician of Ridge Ruin: An Interpretation of the Social, Political, and Ritual Roles Represented
- 2:30 Joseph Ezzo—Managerial Elite, Community Leader, or Just a Good Ol' Boy: Metaphor and Identity of Burial 140 at Grasshopper Pueblo, Arizona
- 2:45 Stephanie Whittlesey—The Cleansing Fire: Quetzalcoatl and Hohokam

Mortuary Practices

- 3:00 Jessica Cerezo-Roman and Henry D. Wallace—Mortuary Practices at Honey Bee Village, a Hohokam Settlement North of Tucson, Arizona
- 3:15 Katherine Miller, Jane Buikstra, Jennifer Piehl, E. Wyllys Andrews V. and Kelly Knudson—Identifying Maya Elite Residential Mobility Through Strontium Isotope Analyses at Late Classic Copan, Honduras
- 3:30 Paulo DeBlasis and Madu Gaspar—Sambaquis for the Ancestors Again: Meaning and Identity in Ritual Moundbuilding at the Southern Brazilian Coast
- 3:45 Deisi Farias and Paulo DeBlasis—Old Traditions and New Kids on the Block: Enduring Funerary Patterns at the Southern Coast From Brazil
- 4:00 Kathleen Forgey and Sloan Williams—Variation and Transformation of Human Trophy Heads from Perú's South Coast
- 4:15 Haagen Klaus and Manuel Tam—Identity, Resistance, and Syncretism: The Bioarchaeology of Mochica Adaptation and Negotiation in the Colonial Lambayeque Valley, North Coast Peru
- 4:30 Lynne Goldstein—Discussant
- 4:45 Ian Hodder—Discussant

**[178] SYMPOSIUM ■ RETHINKING CLASS AND STATUS IN THE ANDES**

**Room:** Ballroom C (CC)

**Time:** 1:00 PM–4:30 PM

**Organizers:** Steven Kosiba and Santiago Giraldo

**Chair:** Steven Kosiba

**Participants:**

- 1:00 Anna Roosevelt—Non-state Complex Societies in South America: Implications for Archaeological Method and Theory
- 1:15 Patrick Scott—The Elite Category in the Late Moche Hinterland
- 1:30 Edward Swenson—Transcending Dichotomies of Power: Performing Status and the Politics of Spectacle in Ancient Peru
- 1:45 Patricia Netherly—Andean Irrigation and the Asiatic Mode of Production: Demystifying the Organization of Technology in Early Complex Societies
- 2:00 Christine Beaulé—Early Complexity, Inter-regional Exchange, and the Socioeconomic Structure of Two Highland Bolivian Communities
- 2:15 John Janusek—Ceremonialism, Spatiality, and the Contingent Production of Status in the Lake Titicaca Basin Late Formative
- 2:30 Jose Ochatoma Paravicino, Martha Cabrera and Tiffany Tung—The Wari Military: Rank, Class, and Status as Viewed Through Art
- 2:45 Santiago Giraldo—Exclusive Space? Rethinking Status and Control in two Tairona Towns, Sierra Nevada de Santa Marta, Colombia
- 3:00 Steven Kosiba—Making the Imperial Heartland: The Spatial Production of State and Social Difference during Early Inka Political Integration (Cusco, Perú)
- 3:15 John Staller—Reexamining Status and Class During the Late Horizon Period
- 3:30 Cathy Costin—Material Symbols of Status, Class, and Power in the Inka Empire
- 3:45 Gary Urton—Information as a scarce resource in the Inka Empire: Class, Status and Power in the Production and Control of Khipus.
- 4:00 Thomas Patterson—Discussant
- 4:15 Alan Kolata—Discussant

**[179] SYMPOSIUM ■ THE ARCHAEOLOGY OF INTOXICATION**

**Room:** 1 (CC)

**Time:** 1:00 PM–3:15 PM

**Organizer & Chair:** Sean Rafferty

**Participants:**

- 1:00 Brian Broad—Hallucinogen Practice: Snuff Tablet Use patterns across Time and Space
- 1:15 Zuzana Chovanec—The Opium Poppy in Prehistoric Cyprus and the Origins of the Opium Trade
- 1:30 Pat Knobloch—All-seeing Eye: Lewis-Williams and Dowson's entoptic model applied to the Andean Huarpa ceramic art of the Early Intermediate Period.
- 1:45 Jennifer Newman—Examination of Maya Pottery: the Potential of Dirty Dishes
- 2:00 Sean Rafferty—Prehistoric Intoxicants in North America
- 2:15 Matt Sayre—Sacred Plants at Chavin de Huantar
- 2:30 Martin Terry, Earl Crockett, Karen Steelman and Phil Dering—Psychoactive Cacti in North American Archaeology
- 2:45 Constantino Manuel Torres—Darien Pendants: Evidence for the Use of Visionary Mushrooms in the Northern Andes?
- 3:00 Christine Hastorf—Discussant

**[180] SYMPOSIUM ■ TEOTIHUACAN POLITICS AND RELIGION AT THE MOON PYRAMID AND BEYOND: ANALYSES, INTERPRETATIONS, AND CONCLUDING REMARKS OF THE MOON PYRAMID PROJECT**

**Room:** 11 (CC)

**Time:** 12:30 PM–3:15 PM

**Organizers:** David Carballo and Saburo Sugiyama

**Chair:** Saburo Sugiyama

**Participants:**

- 12:30 Hironori Fukuhara, Yuko Koga, Kabata Shigeru, Ruben Cabrera Castro and Saburo Sugiyama—Summary of the Explorations in 1998-2004 at the Moon Pyramid, and an Architectural Analysis of the Moon Plaza Complex
- 12:45 Etsuo Sato, Hirokazu Kotegawa, Saburo Sugiyama and Janet Montoya—Refining the Patlachique Phase: Ceramics, Figurines, and Architecture at the Earliest Monument Found in the Moon Pyramid
- 1:00 Emily McClung de Tapia, Diana Martinez Yrizar, Cristina Adriano Moran, Emilio Ibarra Morales and Julia Perez Perez—Botanical Remains from the Moon Pyramid: Interdisciplinary Perspectives
- 1:15 Julieta Lopez and Tatsuya Murakami—Greenstone and other Precious-Stone Artifacts found at the Moon Pyramid
- 1:30 Leonardo López Luján and Saburo Sugiyama—Burial 6: War, Sacrifice, and Cosmology Reflected in a Dedicatory Burial/Offering Complex at the Moon Pyramid
- 1:45 Nawa Sugiyama, Alicia Blanco, Gilberto Pérez, Bernardo Rodríguez and Fabiola Torres—Animals of Sacrifice: Interpreting Human-Fauna Interactions from Burial 6 at the Moon Pyramid
- 2:00 Gregory Pereira, Michael Spence, Ximena Chavez, Christine White and Fred Longstaffe—Osteological Analysis of Human Remains at the Moon Pyramid
- 2:15 David Carballo and Claudia Garcia-Des Lauriers—Teotihuacan State Expansion and Political Meddling Abroad Viewed from the Moon Pyramid and Recent Research Outside of the City
- 2:30 Saburo Sugiyama—Teotihuacan City Layout as a Cosmogram: Architectural and Measurement-Unit Study from the Moon Pyramid
- 2:45 George Cowgill—Discussant

3:00 William Fash—Discussant

**[181] SYMPOSIUM ■ SETTING THE RECORD STRAIGHT ON THE EARLY MAYA OF CENTRAL BELIZE**

**Room:** 8 (CC)

**Time:** 1:00 PM–3:15 PM

**Organizers:** James Garber and Jaime Awe

**Chair:** Paul Healy

**Participants:**

- 1:00 Jaime Awe, James Garber and Paul Healy—Contextualizing Early Maya Prehistory in the Belize Valley
- 1:15 Lauren Sullivan, Jaime J. Awe and M. Kathryn Brown—Refining the Cuniil Ceramic Complex
- 1:30 Lisa LeCount and Jason Yaeger—Tunnel Vision: What We Know About Cuniil-phase Materials and Contexts at Xunantunich, Belize
- 1:45 Fred Valdez, Laura Kosakowsky, Lauren Sullivan and Duncan Pring—The Earliest Ceramics of Belize: A Comparative Analysis
- 2:00 Paul Healy, Terry G. Powis and Bobbi Hohmann—Preclassic Pacbitun: Early Architecture, Craft Production, Subsistence and Exchange
- 2:15 James Garber and Jaime Awe—Ritual and Symbolism of the Early Maya of the Belize Valley
- 2:30 M. Kathryn Brown, Jaime Awe and James Garber—The Foundation of Social Complexity in the Belize River Valley
- 2:45 Molly Morgan, Jon C. Lohse and Jaime Awe—Preceramic Occupations in Western Belize and Implications for Early Maya Development in the Belize River Valley
- 3:00 Robert Sharer—Discussant

**[182] SYMPOSIUM ■ TOWARDS AN ARCHAEOLOGY OF THE AFRICAN DIASPORA—PAPERS IN HONOR OF MERRICK POSNANSKY**

**Room:** 12 (CC)

**Time:** 12:45 PM–3:00 PM

**Organizers:** Kenneth Kelly and J. Cameron Monroe

**Chair:** Kenneth Kelly

**Participants:**

- 12:45 Philip De Barros—Tribute to Merrick Posnansky: Archaeology and the Human Spirit
- 1:00 J. Cameron Monroe—Town and Countryside in Dahomey: Trade, Politics, and Transforming Urban Landscapes in Atlantic West Africa
- 1:15 Michael Blakey—Dialectics and Meaning
- 1:30 Mark Hauser—Diasporic Ceramics in the Caribbean
- 1:45 Douglas Armstrong—Degrees of Freedom in the Caribbean: Archaeological Explorations of Transitions from Slavery
- 2:00 Heather Gibson—Getting by at La Mahaudière: Material Culture and Household Economies on a Guadeloupean Plantation
- 2:15 Kenneth Kelly—Atlantic perspectives on the African Diaspora: Archaeological Research in French West Africa and the French West Indies.
- 2:30 Joanna Casey—Ethnoarchaeology and the African Diaspora
- 2:45 Merrick Posnansky—Discussant

**[183] SYMPOSIUM ■ WEB 2.0 AND BEYOND: NEW TOOLS FOR COLLABORATION AND COMMUNICATION**

**Room:** 2 (CC)

**Time:** 12:45 PM–3:15 PM

**Organizer & Chair:** Sarah Kansa

**Participants:**

- 12:45 Jingfeng Xia—Open Access for Archaeological Literature: A Manager's Perspective
- 1:00 Michael Rains—Creating A Virtual Research Environment for Archaeology
- 1:15 Jillian Galle—Think Globally, Act Locally: Scholarly Collaboration through the Digital Archaeological Archive of Comparative Slavery ([www.daacs.org](http://www.daacs.org))
- 1:30 Julian Richards, Stuart Jeffrey, Stewart Waller, Sam Chapman and Fabio Ciravegna—Web 2.0, Archaeotools and the Archaeology Data Service
- 1:45 Ethan Watrall—iAKS: A Web 2.0 Archaeological Knowledge Management System
- 2:00 Willeke Wendrich—UCLA Encyclopedia of Egyptology Data Access Level
- 2:15 Stuart Dunn—A Marriage of Convenience: The Possibilities of Service Oriented Architecture and Web 2.0 for Digital Archaeology
- 2:30 Eric Kansa and Sarah Hitcher Kansa—Beyond Open Access: Open Data, Web Services, and Semantics
- 2:45 Robin Boast and Peter Biehl—Web 2 and the Sociology of Archaeological Knowledge
- 3:00 Fred Limp—Discussant

**[184] SYMPOSIUM ■ PALEOINDIAN RESEARCH FRONTIERS IN NORTH AMERICA'S PLAINS AND WESTERN MOUNTAINS**

**Room:** 13 (CC)

**Time:** 12:45 PM–3:45 PM

**Organizers:** Robert Brunswig and Bonnie Pitblado

**Chair:** Robert Brunswig

**Participants:**

- 12:45 Steven Holen—The Pre-Clovis Occupation of the Great Plains: A Review of the Evidence
- 1:00 Bonnie Pitblado, Christopher Merriman and Michael McFaul—Prospecting for Paleoindian Sites in Southeastern Idaho
- 1:15 Matthew E. Hill—Changes in Great Plains/Rocky Mountain Paleoindian Faunal Use and Prey Physiology: A Response to Environmental Change or Hunting Pressure?
- 1:30 Matthew G. Hill and David J. Rapson—Unresolved Taphonomic Histories, Interpretive Equivalence, and Paleoindian Faunal Exploitation
- 1:45 Robert Brunswig—GIS Modeling Colorado Paleoindian Settlement and Landscape Use Patterns
- 2:00 James Doerner—The Reconstruction of Late Pleistocene/Early Holocene Paleoclimates in the North Central Colorado Rockies as a Climatological/Ecological Framework for Paleoindian Studies
- 2:15 Bruce Huckell and David Kilby—The Beach Cache: A Glimpse of Clovis Lithic Technology and Land Use in Southwestern North Dakota
- 2:30 James Mayer—Geoarchaeological Context of Paleoindian Sites in Middle Park, Colorado
- 2:45 Robert Kelly and Mary Prasciunas—Clovis Projectile Point Distribution: Separating Behavior from Sample Bias
- 3:00 Nicole Waguespack and Todd Surovell—Folsom Residential Site Structure: Insights from Barger Gulch, Locality B
- 3:15 Frederic Sellet—Missing the Forest for the Trees: Uses and Abuses of

3:30 Projectile Point Typology in Paleoindian Archaeology  
Mark Muniz—Managing Risk on the Western Plains during the Cody Complex

**[185] SYMPOSIUM ■ RECENT RESEARCH IN THE ARCHAEOLOGY OF NORTHWEST MEXICO**

**Room:** 10 (CC)

**Time:** 1:00 PM–5:00 PM

**Organizers:** Michael Mathiowetz and Elizabeth Bagwell

**Chair:** Michael Mathiowetz

**Participants:**

- 1:00 John Roney, Robert J. Hard, Karen R. Adams and A.C. MacWilliams—  
Revisiting Settlement Patterns in North-Central Mexico
- 1:15 Karin Larkin—Community Networks, Regional Powers: Continuity and  
Change in the Casas Grandes Periphery
- 1:30 Sophie Kohn—He's Not the Skeleton They Thought She Was: A Reanalysis  
of Skeletal Material from Paquimé, Chihuahua
- 1:45 Christopher Casserino—A Bioarchaeological Perspective on Warfare and  
Massacre at Paquimé
- 2:00 Tim Maxwell and Rafael Cruz Antillón—Production and Exchange in the  
Casas Grandes Region: A View from the East
- 2:15 Michael Mathiowetz—The Sun Youth of Mesoamerica and the Greater  
Southwest: Mesoamerican Religion and Cosmology at Paquimé, Chihuahua
- 2:30 Jose Punzo and Ángel Ramírez Luna—The Chalchihuites Chronology  
Revisited
- 2:45 Bridget Zavala and Antonio Reyes Valdez—Perishable Meanings: Tepehuan  
Ethnography and the Archaeological Record in Durango, Mexico
- 3:00 Fernando Berrojalbiz—La Litica Chalchihuiteña del Norte de Durango
- 3:15 Michael Ohnersorgen—Reconstructing the Aztatlán Tradition Economy:  
Production, Trade, and Interaction on the Nayarit Coastal Plain
- 3:30 Julio Vicente and John Carpenter—The Protohistoric Period and Cultural  
Continuity of Cahitan-Speaking Groups in Northwest Mexico
- 3:45 John Carpenter, Julio Vicente and Guadalupe Sanchez—Modeling  
Mesoamerican-Southwest Interaction in Northwest Mexico: The Cahitan  
Connection Redux
- 4:00 Cesar Quijada—The Archaeology of the Teras Valley, Sonora
- 4:15 Elizabeth Bagwell—Medio Period Colonization of the Northern Sierra Madre  
Occidental of Northwest Mexico
- 4:30 Jupiter Martinez and Maribel Cruz—Nuestra Señora de los Dolores de Cosari  
Mission: A Cultural Sequence Proposal from a Trincheras Site into a Jesuit  
Village in the Northeast of Sonora, México
- 4:45 Jane Kelley—Discussant

**[186] SYMPOSIUM ■ ARCHAEOLOGY OF MESOLITHIC EUROPE: RECENT ADVANCES**

**Room:** 18 (CC)

**Time:** 1:00 PM–3:45 PM

**Organizer:** T Douglas Price

**Participants:**

- 1:00 Peter Woodman—It's Location!
- 1:15 Hein Bjerck—Specialized marine foragers in the Pleistocene / Holocene  
Transition in Northwestern Europe. New Evidence from the Preboreal Fosna  
site Locality 48, Aukra, Northwestern Norway
- 1:30 Trond Lodoen—Exploring Mesolithic Rock Art, Investigations Beneath and  
Beyond Carved Surfaces
- 1:45 Asle Olsen—The Development of Permanent Hunter- fisher Settlements in



- the Mesolithic of Western Norway
- 2:00 Eva David—The Evolution of the Projectile Points of the Early Holocene in Northern Europe: Between Technical Tradition and Techno-Economic Necessity
- 2:15 Peter Petersen—Music and Moose-Hunting Among the Maglemosians
- 2:30 Ole Lass Jensen—The Late Mesolithic Society of Northeastern Zealand, Denmark: New Perspectives on Site Organization, Dwellings and Burial Practice
- 2:45 Nanna Noe-Nygaard—Beach Ridge Formation at 6000 cal B.P. and the Transition from Mesolithic Hunter-gatherers to Neolithic Farmers in Denmark
- 3:00 Nuno Bicho, Claudia Umbelino and António Carvalho—A Southern Perspective: Mesolithic Research in Portugal
- 3:15 Dusan Boric—Vlasac Re-opened: Mortuary Complexity and Mesolithic-Neolithic Transformations in the Danube Gorges
- 3:30 T Douglas Price—The European Mesolithic

**[187] GENERAL SESSION ■ REGIONAL SETTLEMENT AND ECONOMIC INTERACTION IN THE MAYA AREA**

**Room:** 19 (CC)

**Time:** 12:45 PM–1:30 PM

**Chair:** Jeffrey Glover

**Participants:**

- 12:45 Edy Barrios, Arthur Demarest, Marc Wolf, Brent Woodfill and Matt O'Mansky—The Classic Maya Highland Lowland Frontier: Shifting Patterns of Settlement, Exchange, and Conflict
- 1:00 Jeffrey Glover—The Yalahau Regional Settlement Pattern Survey: A Study of Ancient Maya Socio-political Organization
- 1:15 Scott Hutson and Bruce Dahlin—Long-distance Livelihoods Among the Ancient Maya: A Case Study from Chunchucmil, Yucatan, Mexico

**[188] SYMPOSIUM ■ JAPAN AND NW COAST (U.S./CAN) WET SITE CONNECTIONS: COMPARING BASKETRY, MACRO-FLORA/FAUNA, WOODWORKING, NON-PERISHABLES**

**Room:** 3 (CC)

**Time:** 1:00 PM–4:45 PM

**Organizers:** Dale Croes and Akira Matsui

**Participants:**

- 1:00 Masashi Maruyama and Akira Matsui—Wetland Archaeology in Japan-The Oldest Basket Makers of Jomon Culture found around 7,000 BP
- 1:15 Dale Croes, John Fagan and Maureen Zehendner—Sauvie Island National Historic Landmark Wet Site (35MU4), Portland, Oregon
- 1:30 Michele Punke—Geoarchaeological Field Investigations at 35MU4, Sunken Village, Sauvie Island, Oregon
- 1:45 Yuichiro Kudo—A Chronological Study of Archaeological Remains Showing Plant Utilization During the Jomon Period at the Shimo-yakebe Wet Site, Tokyo, Japan
- 2:00 Shuichi Noshiro and Yuka Sasaki—Selection of Timber Resources at Shimo-yakebe Wet Site in Tokyo During the Late and Final Jomon Periods
- 2:15 Kathleen Hawes—Artifact Plant and Charcoal Material Identification at Wet Sites-Cellular Analysis
- 2:30 Naoto Yamamoto—On the Monumental Wooden Circles of Jomon
- 2:45 Tyler Graham, Jason Channel and Mike Silva—Woodworking at Northwest Wet Sites - Analytical and Experimental Archaeology with Adzes, Wedges and Mauls
- 3:00 Bethany Mathews—Balanophagy in the Pacific Northwest: The Acorn-

- Leaching Pits of the Sunken Village Wet Site 35MU4 and Comparative Ethnography of Acorn Use
- 3:15 Olivia Ness, Dale Croes and Mark Collard—Analyzing the Sauvie Basketry, Basketry Waste Materials and Experimental Archaeology
- 3:30 Morgan Lee, Launi Vantine and Stephen Hackenberger—GIS Models of the Ancient Wetland Resources of Eld Inlet: Subsistence and Settlement Analysis for the Qwu?gwes Wet Site, Olympia, Washington, USA
- 3:45 Tomonori Kanno—Characteristics of Jomon Wetland Settlements in Northeastern Honshu
- 4:00 German Loffler—The Functions of Lithic Flake Tools: The Lithic Assemblage at the Sunken Village (35MU4) Site as Compared to the Qwu?gwes (45TN240) Site's Lithic Assemblage
- 4:15 Tressa Pagel and Leroy Keener—Bone, Antler and Beaver Tooth Artifacts in Northwest Coast Wet Site Contexts
- 4:30 Melanie Diedrich—The Microflora and Microfauna of the Sunken Village Site

**[189] SYMPOSIUM ■ CHAÎNE OPÉRATOIRE AND TRACÉOLOGIE: EXAMPLES OF INTEGRATED RESEARCH APPROACHES FROM NORTH AMERICA**

**Room:** 9 (CC)

**Time:** 12:45 PM–3:15 PM

**Organizer:** Adrian Burke

**Chair:** Patrick Eid

**Participants:**

- 12:45 Adrian L. Burke—Chaîne Opératoire and the Initial Stages of Reduction at Three Quarries from Northeastern North America
- 1:00 Manek Kolhatkar—Les Chaînes Opératoires des Sites Paléindiens Récents de La Martre, Gaspésie (Québec)
- 1:15 Frédéric Hottin—Chaîne Opératoire and High-Power Use-Wear Analysis of an Endscraper sample from Southern Québec
- 1:30 Patrick Eid—Technology and Traceology : The Chaîne Opératoire of Toualdi chert, Témiscouata (Québec)
- 1:45 Geneviève Treyvaud—Technological Characteristics of Worked Copper Artefacts and Other Metals in the Western Arctic, Abitibi and Lac St-Jean in the North of Quebec
- 2:00 Michel Plourde and Laure Dubreuil—A Technological and Functional Study of Macro-tools in the Saguenay-St.Lawrence region: Some Thoughts on the Evolution of Subsistence Patterns During the Late Woodland
- 2:15 Marie-Michelle Dionne—In Search of the True Palaeoeskimo's Skin Processing Lithic Toolkit : Experiments and Use-Wear Analysis
- 2:30 Harry Lerner—Raw Material Variability and Reduction Trajectories in the Late Archaic of New Mexico
- 2:45 Patricia Anderson—Discussant
- 3:00 Liliane Meignen—Discussant

**[190] SYMPOSIUM ■ NOMADS ANEW: NEW STUDIES AND PARADIGM SHIFTS IN WORLD PASTORALIST ARCHAEOLOGY**

**Room:** 14 (CC)

**Time:** 1:00 PM – 4:00 PM

**Organizers:** Michael Frachetti and Fiona Marshall

**Participants:**

- 1:00 William Honeychurch and Chunag Amartuvshin—Mode, Knowledge, and Mobile Production: Politics and Complexity Among Ancient Mongolian Nomads
- 1:15 David Browman, Jose M. Capriles and Juan V. Albarracin-Jordan—Early Camelid Pastoralism: Current Research from the Bolivian Altiplano

- 1:30 Fiona Marshall and Diane Gifford-Gonzalez—Mobility, Domestication and African Pastoral Trajectories
- 1:45 Nicholas Efremov-Kendall—Pastoralism in the Western Eurasian Iron Age: Looking beyond the Kurgan Evidence
- 2:00 Nicholas Tripcevich—Llama caravan transport: A Study of Mobility with a Contemporary Andean Salt Caravan
- 2:15 Joshua Wright—Models for the Adoption and Spread of Nomadic Pastoralism in Eurasia
- 2:30 Paul Lane—Archaeologies of East African Pastoralist Landscapes: Places and Paths of Memory
- 2:45 Sandra Olsen, Michael Rosenmeier, Rosemary Capo and David Maki—Magnetic Gradient Imaging and Geochemical Evidence for Early Horse Corraling in Northern Kazakhstan
- 3:00 Michael Frachetti—Nomads and the Long Duree - Durability and Variation in Nomadic Landscapes
- 3:15 Kathleen Galvin—Discussant
- 3:30 Elena Garcea—Discussant
- 3:45 Frank Hole—Discussant

**[191] FORUM ■ ARCHAEOLOGY AND ETHICS, FEATURING THE SAA ETHICS BOWL**  
**Room:** 15 (CC)  
**Time:** 12:45 PM–2:45 PM  
**Organizer & Chair:** William Andrefsky

**Participants:**

- Julie Hollowell—Discussant  
Jeffrey Altschul—Discussant  
Robert Clouse—Discussant

**[192] GENERAL SESSION ■ THE USE OF PLANT AND ANIMAL RESOURCES IN THE NORTHEAST U.S.**  
**Room:** 16 (CC)  
**Time:** 1:00 PM–2:00 PM  
**Chair:** Rachel Dwyer

**Participants:**

- 1:00 Rachel Dwyer—Macrofloral Analysis Results from the Curtwright site, Clarence, New York: Evidence of Red Dye Production
- 1:15 Steven Howard—Paleoethnobotany in the Allegheny Valley of New York
- 1:30 Susan Lukowski—Exploring Fish Use by the Monongahela
- 1:45 Angela Lockard Reed and Kathleen M. Sydoriak Allen—Variations in Cayuga Subsistence in the Sixteenth Century

**[193] SYMPOSIUM ■ EMERGING APPLICATIONS OF EVOLUTIONARY PARADIGMS TO THE ARCHAEOLOGICAL RECORD: OLD DOG, NEW TRICKS**  
**Room:** 17 (CC)  
**Time:** 1:00 PM–2:45 PM  
**Organizers:** Christopher Kiahtipes and Karen Lupo

**Participants:**

- 1:00 Nathan Stevens and Richard McElreath—Technological Transitions and Cultural Evolution in Prehistoric California
- 1:15 Matt Glaude—Waves in the Desert: Applying the Wave-of-Advance Model to the Spread of Agriculture in the American Southwest
- 1:30 Aaron Wright—Rational Movements and Ritual Places: Modeling Hohokam Rock-Art Production in the South Mountains, Arizona
- 1:45 Nathan Goodale, Ian Kuijt, Anna Prentiss and Alissa Nauman—

- Paleodemography and Cultural Transition: A Macroevolutionary Perspective of Pithouse Village Aggregation and Culture Change in the Interior Pacific Northwest
- 2:00 Christopher Kiahtipes—Fitness like a Mustard Seed: An Evolutionary Perspective on the Adoption of Grinding Technology in the Great Basin
- 2:15 Todd Surovell, Joshua Tatman, Patrick Mullen and Nicole Waguespack—How Many Flakes Does it Take to Make a Tool? (and related musings)
- 2:30 Karen Lupo—Resource Intensification or it's Going to be a Long, Cold Winter: Zooarchaeological Measures of Processing Intensity in the Northeastern Great Basin

**[194] SYMPOSIUM ■ MARITIME ADAPTATIONS AND ENVIRONMENTAL INSTABILITY IN THE GULF OF ALASKA**

**Room:** 7 (CC)  
**Time:** 1:00 PM–4:30 PM  
**Organizer:** Aron Crowell

**Participants:**

- 1:00 David Yesner—Archaeofaunal Indicators of Holocene Environment/ Subsistence Change in the Gulf of Alaska Region
- 1:15 Aron Crowell, Joe Liddle and Mark Matson—Patchiness and Complexity: Resources and Settlement Strategies for Gulf of Alaska Societies
- 1:30 Ian Hutchinson and Aron Crowell—Great Earthquakes at the Alaska Subduction Zone in the Late Holocene: Do the Radiocarbon Records of Land-Level Change and Village Abandonment Correlate?
- 1:45 James Jordan, Herbert Maschner, Bruce Finney and Matthew Betts—Long-Term Human-Environment Interaction in the North Pacific: Multiple Proxies from Sanak Island and the Western Alaska Peninsula
- 2:00 Jeanne Schaaf—A 7000-Year Record of Human Response to Environmental Instability from the Mink Island Site, Alaska Peninsula
- 2:15 Cody Strathe and Maribeth Murray—Humans, Seals and Ecosystem Change: 6500 years in the Gulf of Alaska
- 2:30 Brian Hoffman, Ross Smith and Linda Chisholm—Late Prehistoric Human Subsistence on the Aniakchak Coast, Alaska Peninsula
- 2:45 William Workman—The Archaeological Record as an Indicator of Resource Instability: The Case of Kachemak Bay, Outer Cook Inlet, Alaska
- 3:00 Alan Boraas—Emergence of Dena'ina Sedentary Salmon Fishing during the Medieval Warm Period: Cook Inlet, Alaska
- 3:15 Linda Yarborough—Prehistoric Human Adaptations during Neoglacial Environmental Changes in Prince William Sound
- 3:30 Patrick Saltonstall and Amy F. Steffian—Moving Inland: The Evolution of Riverine Settlement in Alaska's Kodiak Archipelago
- 3:45 Jennie Deo—Economies of Driftwood: The Role of Extralocal Resources in Island Ecosystems
- 4:00 Ben Fitzhugh—Discussant
- 4:15 Aron Crowell—Discussant

**[195] SYMPOSIUM ■ ALL THE KING'S HORSES: LOOTED OR UNPROVENIENCED ARTIFACTS AND THE VALID CONSTRUCTION OF THE PAST**

**Room:** 20 (CC)  
**Time:** 1:15 PM–2:45 PM  
**Organizers:** Paula Kay Lazrus and Alex Barker  
**Chair:** Paula Lazrus

**Participants:**

- 1:15 Ricardo Elia—What We Lose: Looting and the Decontextualization of the Past
- 1:30 Senta German—Unprovenienced Artifacts and the Invention of Minoan

- Religion
- 1:45 Neil Brodie and Morag Kersel—Why Authenticity Matters but Provenience Doesn't: Problems with Inscribed Biblical Artifacts
- 2:00 Stephen Dyson—Mute Loot Speaks: National Affirmation, Cosmopolitan Identity and the Disembodied Classical Past
- 2:15 Clemency Coggins—The Protection of Latin American Cultural Property Since 1970
- 2:30 Jennifer Dornan and Richard Leventhal—Modern Colonialism: Interpreting the Past for the Present

**[196] SYMPOSIUM ■ THE TAINOS: MYTH, INVENTION OR REALITY?**

**Room:** 4 (CC)

**Time:** 12:45 PM–3:00 PM

**Organizers:** L. Antonio Curet, Daniel Torres and John Crock

**Chair:** L. Antonio Curet

**Participants:**

- 12:45 L. Antonio Curet—The Taíno Concept From a Sociopolitical Perspective
- 1:00 Daniel Torres—Taínos en Cuba, ¿quimera o realidad?
- 1:15 Peter Siegel—What Do We Mean by an Archaeological Culture? The Concept of "Taíno" in the Pre-Columbian Caribbean
- 1:30 Glenis Tavarez Maria—Los Taínos: Consideraciones Generales para Su Definición
- 1:45 Lesley-Gail Atkinson and William Keegan—Beyond Puerto Rico: The meaning of Taino in the Greater Antilles and The Bahamas
- 2:00 Alice Samson—A good foundation: El Cabo, Late Ceramic Age households on the east coast of the Dominican Republic
- 2:15 Adriana Churampi Ramirez—A House is a House is a House
- 2:30 Mary Jane Berman—Discussant
- 2:45 Jose Oliver—Discussant

**[197] SYMPOSIUM ■ PA LI EB'IL TZUL: RECENT ARCHAEOLOGICAL AND EPIGRAPHIC INVESTIGATIONS AT UXBENKA AND PUSILHA**

**Room:** 19 (CC)

**Time:** 1:45 PM–5:00 PM

**Organizers:** Geoffrey Braswell and Keith Prufer

**Chair:** Karen Nickels

**Participants:**

- 1:45 Keith Prufer—What do We Really Know about the Archaeology of Southern Belize? New Perspectives on 100 Years of Survey and Excavation
- 2:00 Andrew Kindon—Recent Work of the Uxbenka Archaeological Project: Increasing Evidence Regarding the Emergence of Sociopolitical Complexity in Southern Belize
- 2:15 Brendan Culleton, Keith Prufer and Douglas Kennett—Classic Maya Landscape Modification in Southern Belize: Potential Soil and Water Management Features at Uxbenká
- 2:30 Holley Moyes, Keith Prufer and Mark Aldenderfer—Kayuko Naj Tunich: A Preclassic Mountain Shrine in Southern Belize
- 2:45 Amber Schrag, Willa Trask and Keith Prufer—In the Shadows of the Big Houses: Non-Elite Settlements at Uxbenká
- 3:00 Christian Prager—Pusilha and Its Neighbors: Hieroglyphs and History
- 3:15 Beniamino Volta—Settlement Patterns in the Kingdom of the Avocado
- 3:30 Megan Pitcavage—The Mortuary Population of the Kingdom of the Avocado: A Demographic and Paleopathological Analysis from Pusilhá, Belize
- 3:45 Karen Nickels—Food, Function, and Status

4:00 Geoffrey Braswell—Discussant  
4:15 Cassandra Bill—Discussant  
4:30 Heather McKillop—Discussant  
4:45 Richard Leventhal—Discussant

**[198] SYMPOSIUM ■ WHAT'S RIPPLING IN THE SEA? SHELL ANALYSES IN AND OUTSIDE NORTHWEST MEXICO**

**Room:** 16 (CC)

**Time:** 2:15 PM–5:00 PM

**Organizer:** Emiliano Gallaga

**Participants:**

2:15 Art Vokes—Where did you get that bracelet? The Nature of Exchange Networks in the Southwestern United State and Northwest Mexico  
2:30 Marycruz Magaña—Specialization on the Manufacturing of Shell Artifacts at Chevelon Ruin  
2:45 Adriana Hinojo and Dai Elihu Blanquel Garcia—Shell Artifacts from Two Prehispanic Sites Near Cumpas, Sonora, Mexico  
3:00 Emiliano Gallaga—The Nébomes, the Rio Yaqui, and Shell: Preliminary Thoughts about Shell Consumption in the Onavas Valley, Sonora  
3:15 Ronna Bradley—Shell Ornament Exchange Networks in Prehistoric Northwest Mexico and the Southwest  
3:30 Alfonso Grave—La Explotación de Moluscos de Concha en el Sur de Sinaloa  
3:45 Martha Lopez Mestas and Lorenza López Mestas Camberos—El Trabajo de Concha en el Centro de Jalisco Durante la Tradición Teuchitlán  
4:00 José Carlos Beltrán— La Concha y el Caracol en la Bahía de Banderas  
4:15 Adrian Velazquez—Experimental Archaeology in Mollusk's Shell  
4:30 Elizabeth France—A Shell Mosaic: Fitting Together the Pieces of Worked Shell Production and Distribution at the Postclassic Mayan site of Mayapan, Mexico  
4:45 Elisa Villalpando—Discussant

**[199] FORUM ■ FIELD SCHOOLS: FUNDING AND FUTURES**

**Room:** 20 (CC)

**Time:** 3:00 PM–5:00 PM

**Organizers:** Bonnie Pitblado and Lawrence Todd

**Participants:**

Robert Bettinger—Discussant  
Pat Gilman—Discussant  
Ted Goebel—Discussant  
Michael Graves—Discussant  
Matt Hill—Discussant  
Mary Lou Larson—Discussant  
Barbara Mills—Discussant  
Margaret Nelson—Discussant  
Richard Shipley—Discussant  
Pei-Lin Yu—Discussant

**[200] SYMPOSIUM ■ UNDERSTANDING LOCAL ECONOMIES AND SOCIO-POLITICAL CHANGE IN ECUADOR: A HOUSEHOLD AND COMMUNITY PERSPECTIVE**

**Room:** 17 (CC)

**Time:** 3:00 PM–5:00 PM

**Organizers:** Andrea Cuellar and Florencio Delgado Espinoza

**Participants:**

3:00 Florencio Delgado Espinoza—The Economic Organization of the

- Communities around Agua Blanca, Coastal Ecuador
- 3:15 James Zeidler—Art and Agency in Jama-Coaque Ceramics, Coastal Ecuador
- 3:30 Maria Masucci, Tad Britt, Katie Caljean and Scott Smith—Mapping Guangala and Manteño Craft Production, Settlement and Socio-political Change in the Zapotal River Valley, Southwest Ecuador: An Application of Sensor Integrated GPS/GIS Tools
- 3:45 Andrea Cuellar—An Investigation of Social Complexity at a Late Period Community in the Eastern Andes of Ecuador
- 4:00 Scott Raymond—From Archaic to Formative in Western Ecuador: Transformations in Household and Community Organization
- 4:15 Cecilia Vasquez—Chilma: A Pasto Enclave in the Western Piedmont
- 4:30 Ross Jamieson—Livestock Consumption in the Colonial Andean City: Comparing Two Household Assemblages from Highland Ecuador
- 4:45 Karen Stothert—Discussant

**[201] SYMPOSIUM ■ (RE)DEFINING COLONIAL ENCOUNTERS: ARCHAEOLOGIES OF AFRICAN MATERIALITY**

**Room:** 15 (CC)

**Time:** 3:00 PM–5:00 PM

**Organizers:** Francois Richard and M. Dores Cruz

**Participants:**

- 3:00 Francois Richard—‘The incertitude of customs...’: Colonial subjectivities, material experiences, and ambiguous power in the Siin (Senegal), 1850s-1930s
- 3:15 Ann Stahl—Blood Cowries: Predation, Wealth & Depositional Practice in Atlantic Era West Africa
- 3:30 John Ako Okoro—The Colonial Encounter in Salaga in the Early 20th century: Archaeological Indications of a Water Management Heritage
- 3:45 Akin Ogundiran—Imperial Colonists and their Neighbors: The Shaping of Identities in a Frontier of Oyo Empire
- 4:00 Maria Dores Cruz—Portugal de Aquém e Além-Mar\*: Material Culture and Portuguese Colonialism (1926-1974)
- 4:15 Lindsay Weiss— Colonial Encounters in the South African Diamond Fields
- 4:30 Mark Hauser—Discussant
- 4:45 Stephen Silliman—Discussant

**[202] GENERAL SESSION ■ STUDIES OF RESOURCE USE, SUBSISTENCE AND TECHNOLOGY IN CALIFORNIA ARCHAEOLOGY**

**Room:** 4 (CC)

**Time:** 3:15 PM–5:00 PM

**Chair:** Brent Leftwich

**Participants:**

- 3:15 Melanie Beasley, Eric Bartelink and Antoinette Martinez—Subsistence Patterns in the San Francisco Bay Area: Results from Stable Carbon and Nitrogen Isotope Analysis
- 3:30 Colleen Delaney-Rivera—Lemon Groves, Windmills, and Shell: Preliminary Excavations at a Coastal California Chumash Site
- 3:45 Shannon Tushingham and Robert Bettinger—Affluent Anarchy: Hunter-Gatherer Intensification in Northwestern California
- 4:00 Tina Fulton—The Worked Bone from CA-SNI-214
- 4:15 Eric Bartelink, Cassady Yoder, Ethan Grossman and Thomas Boutton—Dietary Variation in Mainland and Coastal California: Stable Isotopic Evidence from Six Late Holocene Sites
- 4:30 Douglas Harro—The Tyranny of Trajectories: Examining Land-Use through a Contextual Analysis of Biface Use and Replacement

4:45 Brent Leftwich—Bedrock Mortar Morphology and Placement in the Sierra Nevada

**[203] GENERAL SESSION ■ INVESTIGATIONS IN THE PRECLASSIC LOWLAND MESOAMERICAN LOWLANDS**

**Room:** 12 (CC)

**Time:** 3:15 PM–5:00 PM

**Chair:** Matt O'Mansky

**Participants:**

- 3:15 E. Wyllys Andrews, George J. Bey and Christopher Gunn—Rethinking the Early Ceramic History of the Northern Maya Lowlands: New Evidence and Interpretations
- 3:30 Heather Hurst and Francisco Estrada-Belli—Preclassic Maya Paintings and Temple Architecture at Cival, Petén, Guatemala
- 3:45 Francisco Estrada-Belli and Nina Neivens de Estrada—The Earliest Inhabitants of the Holmul Region and the Origins of Maya Civilization in the Preclassic period
- 4:00 V. Norman—Izapa Calendar Decoded: New Light on Early Maya Origins
- 4:15 Matt O'Mansky—Preclassic Settlement in the Lower Pasión River Region: A View from the Petexbatun
- 4:30 Betsy Marzahn-Ramos—Investigations at the Late Preclassic Maya Site El Zancudero
- 4:45 Michael Smyth—Preclassic Patterns of Complexity at Xcoch, Yucatan, Mexico

**[204] SYMPOSIUM ■ FOOD PRODUCTION AND EMERGING COMPLEXITY: A GLOBAL PERSPECTIVE**

**Room:** 1 (CC)

**Time:** 3:30 PM–5:00 PM

**Organizer:** Sarah Walshaw

**Participants:**

- 3:30 Chester Cain—Opening the Kraal's Gate to the Local Economy of the Shashe-Limpopo Polities, Southern Africa
- 3:45 Gayle Fritz—A Continent-wide Perspective on Agricultural Intensification and Social Organization Across North America, 3000-800 B.P.
- 4:00 Karla Hansen-Speer—Arrested Development: Constraints of Food Production on Hohokam Complexity
- 4:15 Elisabeth Hildebrand and Timothy Schilling—Organized Living: An Early Granary Complex on Sai Island, Sudan
- 4:30 Paula Turkon, Michelle Elliott and Ben Nelson—Food Production and the Development of Elite Control in the Malpaso Valley
- 4:45 Sarah Walshaw—Swahili Urbanization and Food Production: Paleoethnobotanical Contributions from Pemba Island, Tanzania

**[205] GENERAL SESSION ■ RESEARCH IN THE MIDDLE PALEOLITHIC**

**Room:** 8 (CC)

**Time:** 3:30 PM–5:00 PM

**Chair:** Alexandra Sumner

**Participants:**

- 3:30 Miriam Belmaker and Erella Hovers—A diachronic study of the Micromammal Remains of Amud Cave, Israel: Implications for the Paleoecology of a Neanderthal Site During MIS 4-3 in the Levant
- 3:45 Christine VERNA—New Evidence on La Quina Neandertals
- 4:00 Alexander Mackay—Technological Change in the Middle Stone Age: A View



- 4:15 from South Africa's Western Cape  
Utsav Schurmans, Harold L. Dibble and M. Abdeljelil El Hajraoui—The Aterian Industries from Smugglers Cave, Atlantic Coast, Morocco
- 4:30 Bonnie Blackwell, Rebecca Long, Maxine R. Kleindienst, C.S. Churcher and Anne R. Skinner—Dating Dakhleh Desert Dwellers: ESR Analyses of Middle Pleistocene Teeth from Egypt
- 4:45 Alexandra Sumner—Cognitive Features of Middle Stone Age Lithic Core Reduction

**[206] GENERAL SESSION ■ RESEARCH IN IRON AGE EUROPE AND THE NEAR EAST**

**Room:** 2 (CC)

**Time:** 3:30 PM–5:00 PM

**Chair:** Michael Galaty

**Participants:**

- 3:30 Michael Galaty, Zamir Tafilica, Christopher Fisher, Heather Rypkema and Attila Gyucha—The Shala Valley Project, Northern Albania, 2007: Results from the Prehistoric Site of Grunas
- 3:45 Jason Herrmann and Jesse Casana—Climate and Settlement Dynamics in the Rub' al-Khali Desert, Dubai, UAE
- 4:00 China Shelton—A Paleoethnobotanical Perspective on Marginality and Group Identity during the Iron Age in the Sangro River Valley, Abruzzo, Italy
- 4:15 Virginia Rimmer—Silver Jewelry as Money in the Iron Age Near East
- 4:30 James Osborne—The Bench Tomb and Secondary Mortuary Practice in the Southern Levant
- 4:45 Matthew Murray—Walking Through the Past: 6000 Years of Prehistory in Southeastern Germany

**[207] GENERAL SESSION ■ WOODLAND AND MISSISSIPPIAN SUBSISTENCE AND SETTLEMENT PATTERNS IN THE MIDWEST AND GREAT LAKES**

**Room:** 9 (CC)

**Time:** 3:30 PM–5:00 PM

**Chair:** John Creese

**Participants:**

- 3:30 Lindsay Foreman—Faunal Insights into the Subsistence and Settlement Strategies of Ontario's Western Basin Tradition (A.D. 500 to 1600)
- 3:45 Karen Royce—Early Late Woodland Community Patterning in the Middle Ohio Valley
- 4:00 Robert Riordan—The Moorehead Circle at Fort Ancient, Ohio
- 4:15 John Creese—Explaining Sedentism and Domain Independence in Archaeological Inference
- 4:30 Patti Wright and Joseph Craig—A Comparative Study of Plant Exploitation at East St. Louis, 11S821
- 4:45 Joni Manson and David Snyder—Methodological Improvements in Measuring Thermal Diffusivity in Prehistoric Pottery

**[208] GENERAL SESSION ■ METHODOLOGICAL ADVANCES IN GEOARCHAEOLOGY**

**Room:** 11 (CC)

**Time:** 3:30 PM–5:00 PM

**Chair:** Shawn Bubel

**Participants:**

- 3:30 Debora Kligmann and Milena Calderari—Diatoms and Ceramic Clay Sourcing: a Bad Marriage
- 3:45 Shawn Bubel—The Effects of Windthrow on the Archaeological Record
- 4:00 Heather Wholey—Interpretive Soil Chemistry of Context-Specific Human

- 4:15 Activity at an Archaic Period Occupation in Southeastern Pennsylvania  
Matthew O'Brien—Reevaluation of Frost-Heaving on Subsurface Cultural Material
- 4:30 Morgan Schmidt—Amerindian Anthrosols: the Formation of Enriched Soils in the Upper Xingu Basin, Amazonia
- 4:45 Frank Vento and J. M. Adovasio—Paleosols as Genetic Stratigraphic Units

**[209] GENERAL SESSION ■ CONTACT PERIOD ARCHAEOLOGY IN NORTHERN AND WESTERN NORTH AMERICA**

**Room:** 18 (CC)

**Time:** 4:00 PM–4:45 PM

**Chair:** Jeff Oliver

**Participants:**

- 4:00 Rigden Glaab—Integrating Technologies: Defining Patterns of Historic Ute Occupation in the Early 20th Century, Uintah Basin, Utah
- 4:15 Lucille Harris—Influence of the Fur Trade on Northern Interior Plateau Social Organization: Theoretical and Interpretive Implications
- 4:30 Jeff Oliver—Archaeologies of Colonialism: Acculturation, Resistance and the Construction of Aboriginality on the Northwest Coast

**[210] SYMPOSIUM ■ IT CAME FROM OUTER SPACE? OR MAYBE NOT: IS THERE ARCHAEOLOGICAL EVIDENCE FOR AN EXTRATERRESTRIAL IMPACT IN NORTH AMERICA AT 13,000 CAL BP?**

**Room:** 13 (CC)

**Time:** 4:00 PM–5:00 PM

**Organizer:** Gary Haynes

**Chair:** Stuart Fiedel

**Participants:**

- 4:00 John Johnson, Thomas W. Stafford, Jr., G. James West and Thomas Rockwell—Environmental Change at Arlington Springs Before and After the Younger Dryas
- 4:15 Michael Johnson—"One is an Accident - Two is a Coincidence - Three is a Pattern"
- 4:30 Stuart Fiedel—Did a Bolide Impact Trigger the Younger Dryas and Wipe Out American Megafauna?
- 4:45 Gary Haynes—Discussant

**[211] GENERAL SESSION ■ MORTUARY PATTERNS AND FUNERARY OBJECTS IN THE SOUTHWEST**

**Room:** 14 (CC)

**Time:** 4:15 PM–5:00 PM

**Chair:** Kerriann Marden

**Participants:**

- 4:15 Kristin Sewell and Cannon Daughtrey—The Anthropology of Mass-produced Footwear: Reflections on the Significance of Shoes as Funerary Objects
- 4:30 Kerriann Marden—When is a Small House Not a Small House? Reinterpretation of a Cannibalized Charnel Deposit from Chaco Canyon Based on Archival Information
- 4:45 Dody Fugate—Ritual Dog Burials in the Southwest