8:00 AM - 10:00 AM

Chairs: Melissa Baltus and Sarah Baires

Participants:
Sarah Baires—Constructing Narratives: archaeology's relationship with the ontological turn at Cahokia
Christina Halperin—Intertwined Histories and Relational Personhood: Maya Co-essences (Spirit or Way Companions) Past and Present
Peter Whitridge—Ambiguous Beings: The Ontological Autonomy of Inuit Dogs
Christopher Watts—Being and Becoming in Huron-Wendat Worlds
Erica Hill—A Relational Geography of Humans and Animals in the Bering Sea Region

Questions and Answers
Matthew Colvin—A Procession of Faces: Considering the Materiality of Relational Ontologies in Southern Florida
Darryl Wilkinson—Relational Empire: The Non-modern Violence of the Inka State
Melissa Baltus—Vessels of Change: Everyday relationality in the rise and fall of Cahokia

[109]  **FORUM • EXPLORING THE UNNAMED ERA: PRE-MAMOM POTTERY IN THE MAYA LOWLANDS OF YUCATAN, PETEN AND BELIZE**
Room: Oceanic 2
Time: 8:00 AM - 10:00 AM
**Moderator:** Debra Walker

**Participants:**
Takeshi Inomata—Discussant
Laura Kosakowsky—Discussant
Nina Neivens—Discussant
Katherine South—Discussant
Michael Callaghan—Discussant
M. Kathryn Brown—Discussant
Terry Powis—Discussant
Kerry Sagebiel—Discussant
Lauren Sullivan—Discussant
George Bey—Discussant
Jerald Ek—Discussant

[110]  **POSTER SESSION • ARCHAEOLOGY OF CALIFORNIA**
Room: Atlantic Hall B
Time: 8:00 AM - 10:00 AM

**Participants:**
110-a Michael Prouty—Representing Cultural Networks: A GIS Analysis of Spanish Colonial Settlement in San Diego
110-b Sabrina Shirazi, Courtney Hofman, Torben Rick and Jesus Maldonado—Using Environmental DNA to Examine Human-Animal Interactions on the California Channel Islands
110-c Albert Gonzalez, Heather Atherton and Javier Hernandez—Beyond Missions: Documenting Mexican and Mexican-American Adobes in California
110-d Jennifer McElhoe and Carl Lipo—Technological and Functional Characteristics of Ceramics and Their Distribution along the Southern California Coast
110-e Alexandra Cox—Analysis of Trinidad Cross Artifact
110-f Brian Barbier—Bit by Bit: Olivella Bead Production during the Middle Period on Santa Cruz Island
110-g Kaitlin Brown—Classifying Soapstone Cooking Pots in the Santa Barbara Channel Region
110-h Paul Buck and Donald Sabol—Sub Pixel Detection of Archaeological Materials using NASA Satellite and Aircraft Data
110-i Kristin Hoppa and Sherri Andrews—Charmstones, Pendants, and Other Special Objects from San Clemente Island, CA
110-j Michael Boero—Traditional Resource Management in the Sierra Nevada of California
110-k Candice Brennan—Prehistoric Subsistence and Settlement Patterns in the Los Alamitos Bay Region of Southern California
110-m Jeannine Pedersen-Guzman—The Incised Stones of CA-ORA-662, Pelican Hill
in Orange County, CA

[111] **POSTER SESSION • ARCHAEOLOGY OF THE MIDWEST II**
**Room:** Atlantic Hall B  
**Time:** 8:00 AM - 10:00 AM

**Participants:**
111-b Emily Dawson and Mark Schurr—Multi-Element Characterization of Early Nineteenth Century Edged Pearlware from Native American and Euro-American Sites
111-c Frankie West, Brannon Hulsey and Graciela Cabana—Confirmation of Mitochondrial Haplotype C4c in Samples from Norris Farms #36, Illinois
111-d Alexandria Oemig and Jordan Karsten—Troubled Times in Late Prehistoric Wisconsin: Violent Skeletal Trauma among the Winnebago Phase Oneota
111-e Jeremy Skeens—Analysis of Ceramic Sherds from Woodpecker Cave
111-f Rebecca Dean—Community-based Research in the Archaeological Classroom
111-g John Flood, Seth Grooms, Matthew Pike, Edward Herrmann and Jeremy Wilson—Fortifications in the Eastern Woodlands of Pre-Columbian North America: An Examination of Organized Warfare during the Mississippian Period
111-h Margaret Robinson—The Hopewell Problem: A Discussion of Digital Methods for Legacy Collections at Hopewell Mound Group
111-i James Greene, Veronica Parsell, Kaye Grobe and Kathleen Settle—Kankakee Marsh Lifeways, Phase III Data Recovery, Northwest Indiana
111-j Grace Gronniger—Setting the Table in Victorian Age St. Louis: the Utility of Glass Tableware Analysis in the Archaeology of Domesticity and Consumerism

[112] **POSTER SESSION • NORTH AMERICA–MIDWEST**
**Room:** Atlantic Hall B  
**Time:** 8:00 AM - 10:00 AM

**Participants:**
112-a Jocelyn Connolly—Modeling Woodland Land Use in the Lower Little Miami River Valley, Ohio
112-b Brian Redmond, Nigel Brush, Haskel Greenfield, P. Nick Kardulas and Jeffrey Dilyard—New Evidence for Human Butchery of an American Mastodon from Central Ohio, USA
112-c John Richards and Richard Kubicek—Pits, Posts, and Not Much Else: Sub-Mound Archaeology at Two Late Woodland Effigy Mound Sites
112-d Kevin Nolan, Christine Thompson, Shelby Long, Erin Donovan and Erin Steinwachs—A Battlefield with a View: Visibility and Weighted Cost Path Modeling of the Battle of the Wabash
112-e Teresa Nichols, April Sievert, Jayne-Leigh Thomas and Anne Pyburn—Learning NAGPRA: Nationwide Survey Results
112-f Jonathan Thomas and Tyler Perkins—Shell Bead Production at Cahokia
112-g Amber Laubach and Sarah Baires—Monumental Construction at Cahokia, a geoarchaeological perspective
112-h Dominic Bush and Mark Schurr—Using Stable Isotope Analysis to Demonstrate Humans’ Role in Faunal Diet Construction at the Collier Lodge Site (12PR36)
112-i Patricia Richards and Catherine Jones—Excavation at the Second Ward Cemetery, Milwaukee, Wisconsin
Program of the 81st Annual Meeting

Friday Morning, April 8

[113] Poster Session - Great Basin, Basin Plateau
Room: Atlantic Hall B
Time: 8:00 AM - 10:00 AM

Participants:
113-a Loren Davis, Alex Nyers and Daniel Bean—3D Geometric Morphometry of Western Stemmed Projectile Points from the Columbia River Plateau
113-b Spencer Lambert and Joseph Bryce—The Elements of Bone: A Look into Fremont Diet at Wolf Village
113-c David Byers and Suzann Henrikson—Bison, Cold Storage and Holocene Climate Change on the Snake River Plain
113-d Katelyn McDonough and Dennis Jenkins—New Excavations at an Old Site: Reevaluation of Chronology and Subsistence at the Connley Caves (35LK50), Lake County, Oregon
113-e S. Joey LaValley—Tiptoe the Steptoe: A Report on and Examination of Survey Results from Steptoe Valley and the Schell Creek Range of East-Central Nevada
113-f John Davis and Steven Hackenberger—Assessing Testing Programs and Strategies for Section 106 Determinations of Eligibility: U.S. Army Yakima Training Center, WA
113-g Joseph Bryce and Spencer Lambert—Food and Family: Comparing Residential Structures at Two Fremont Sites in Utah Valley

[114] Poster Session - North America—Great Basin
Room: Atlantic Hall B
Time: 8:00 AM - 10:00 AM

Participants:
114-b Marion Coe—Perishable Artifacts from Bonneville Estates Rockshelter (26EK3682), Nevada: A Technological Analysis of Artifacts from the Early through Late Holocene
114-c Tatianna Menocal—Chipped Stone Results from Four Lowland Virgin Branch Puebloan Sites
114-d Tamara Whitley—Predicting the Past: GIS Modeling on the Carrizo Plain National Monument
114-e Khori Newlander—Using Analytical Nodules to Assess the Integrity of Paleoindian Surface Lithic Scatters in Eastern Nevada
114-f Aaron Kuntz, Andrew Murphy and Brett Lenz—Archaeological Recovery Associated with the Wanapum Dam Emergency Drawdown, Central Washington State
114-g Brian Yaquinto and Sarah MacDonald—Recent Advances in Fremont Archaeology of Northwest Colorado
114-h Danny Gilmore, Thomas Brown, Paul Solimano and Kenneth Ames—Radiocarbon Chronology of the Western Stemmed Tradition on the Columbia Plateau

[115] Poster Session - North America—Plains
Room: Atlantic Hall B
Time: 8:00 AM - 10:00 AM

Participants:
115-a Michael Bies—Wyoming Dinwoody Tradition Rock Art Superimpositions
115-b Brigid Grund, Todd Surovell and Spencer Pelton—Where the Buffalo Groan:
Friday Morning, April 8

Program of the 81st Annual Meeting

Topographic Variables Governing the Placement and Spatial Organization of Wold Bison Jump, Wyoming  
115-c  
Kirsten Tharalson—Butchering Patterns & Seasonality Of The Certain Site, Western Oklahoma

115-d  
Jennifer Deats—Ceramic Analysis at Chief Looking's Village (32BL3) in Bismarck, ND

115-e  
Paul Burnett, Erik Otarola-Castillo and Lawrence Todd—Improving Discovery-Based Probability Models for the Shoshone National Forest, Wyoming

115-f  
Mavis Greer and John Greer—Use of Old Photos in Rock Art Recording and Analysis: The Adams Collection of Central Wyoming

115-g  
Shannon Koerner, Brett Giles and Eric Skov—Prehistoric Site Discovery and Evaluation Methods in Upland Landscapes on the Eastern Plains

115-h  
Kristina Solis—South Texas Archaic Hunter-Gatherer Mobility Patterns: A Study using Strontium Isotope Analysis

115-i  
Morgan Beyer—Differentiating History: Criteria to Distinguish Between Historic Euro and Native American Sites in Wind Cave National Park

115-j  
Whitney Goodwin, Kacy L. Hollenback, Fern Swenson and William C. Hockaday—Changing Foodways in Culture Contact Contexts on the Northern Great Plains: Lipid Residue Analysis at the Double Ditch Site, North Dakota

115-k  
Jason Chambers—Lindenmeier Redux: Spatial Patterns of the Lindenmeier Folsom Site (SLR13)

SYMPOSIUM BURIED, BURNT, BUNDLED AND BROKEN: APPROACHES TO CO-OCCURRENCE OF MULTIPLE METHODS, TREATMENTS AND STYLES OF BURIALS WITHIN PAST SOCIETIES

Room: Northern Hemisphere Salon E3  
Time: 8:00 AM - 10:00 AM  
Chair: Kathryn Meyers Emery

Participants:
8:00  
Kathryn Meyers Emery—Preparing Their Deaths: Examining Variation in Co-occurrence of Cremation and Inhumation in Early Medieval England

8:15  
Colin Quinn—Urns, Mounds, Pyres, and Pits: The Many Pathways of Middle Bronze Age Bodies in Transylvania

8:30  
Mark Churra, Erica Ausel and Della Cook—Burial Diversity at the Angel Site: How Many People and How Many Ways?

8:45  
Gabriel Wrobel and Amy Michael—Discerning Patterns of Intentional and Unintentional Movement of Human Bones in Maya Caves

9:00  
Jess Beck—Mortuary Multiplicity: Variability in Mortuary Treatment at a Late Prehistoric Matrix Village from Spain

9:15  
Joanna Bruck—The Power of Relics: Curating Human Bone in the British Bronze Age

9:30  
Megan Perry and Anna Osterholtz—Mingled Bones, Mingled Bodies: Primary and Commingled Burials at Nabataean Petra, Jordan

9:45  
Lynne Goldstein—Discussant

SYMPOSIUM HUMAN SACRIFICE IN ANCIENT MESOAMERICA: NEW EVIDENCES AND THEORETICAL PERSPECTIVES

Room: Asia 3  
Time: 8:00 AM - 10:00 AM  
Chairs: Linda Hansen and John Pohl

Participants:
8:00  
Rex Koontz—The Iconography and History of the Hacha in Classic Veracruz
8:15 Linda Hansen—The Myth of the Willing Human Sacrificial Victim in Ancient Mesoamerica: Transformation of the Symbolic Complex of Ritual Sacrifice in Ancient Oaxaca and Teotihuacan

8:30 Arthur Joyce, Sarah Barber and Jeffrey Brzezinski—Earth Offerings as Sacrifice in Formative Period Coastal Oaxaca

8:45 Annabeth Headrick—Discussant

9:00 Keith Jordan—Human Sacrifice at Tula: Reputation, Representation, and Actuality

9:15 Rubén Mendoza—The Harvest of Souls: Mimesis, Materiality, and Ritual Human Sacrifice in Mesoamerica

9:30 Cristina Verdugo, Lars Fehren-Schmitz and James Brady—Sacrifice at Midnight Terror Cave, Belize

9:45 Mark Wright—Homicide or Deicide? The Function of Deity Impersonation in Mesoamerican Sacrificial Rituals

[118] **GENERAL SESSION ARCHAEOLGY OF THE NORTHERN PERUVIAN COAST**

**Room:** Northern Hemisphere Salon E2  
**Time:** 8:00 AM - 10:00 AM  
**Chair:** Sarah Martini

**Participants:**

8:00 Kasia Szremski—The Chaupiyunga as an Eco-cultural Frontier: Inter-zonal Exchange and Negotiation in the Huanangue Valley during the Late Intermediate Period (1100-1470 CE)

8:15 Sally Lynch—Are “Coastal Cajamarca” Vessels Local Imitations? Petrographic Analysis of Ceramic Vessels from the Late Moche (AD 600-850) Settlement “Huaca Colorada” in the Jequetepeque Valley, Peru

8:30 Sarah Martini—The Space Between: An Investigation of the Changing Occupied Landscape at the El Brujo Archaeological Complex, Chicama Valley, Peru

8:45 Alice Kelley, Ana Cecilia Mauricio, Daniel Sandweiss, Joseph Kelley and Daniel Belknap—Combining GPR and Archeological Excavations at Los Morteros: Looking “Inside” a Complex Prehistoric Coastal Peruvian Site

9:00 Ana Carlo Tavera Medina and SARAH MARTINI—Revisiting the pre Moche–Moche Transition on the El Brujo Geological Terrace: A spatially Significant Ceramic Analysis

9:15 Pauline Clauwaerts—The Priestesses of San José de Moro: Toward a Material Approach of Personhood in the Moche World

9:30 Kari Zobler—Chimú Conquest and Administration at Talambo, Jeffrepeque, Perú

9:45 Richard Sutter—The Incorporation of the Chicama Valley into the Southern Moche Polity (AD 200 – 900): A Preliminary Biodistance Assessment

[119] **SYMPOSIUM ARCHITECTURAL ENERGETICS**

**Room:** Northern Hemisphere Salon E1  
**Time:** 8:00 AM - 10:15 AM  
**Chair:** Leah McCurdy

**Participants:**

8:00 Rodney Fitzsimons—Monuments for the Living, Monuments for the Dead: A Stone-by-Stone Guide to Mycenaean State Formation

8:15 John Barber—Use of Raw Energy Data in the Estimation of the ‘Cost’ of Building Iron Age Brochs in Scotland

8:30 François Remise—The Celtic community of the Heuneburg: An Energetics Approach to Their Building Activity between 600 B.C. and 540 B.C.
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Friday Morning, April 8

8:45  Alexis Jackson—Building Charlieu: Chronology and Asset Flow over Time at Saint Fortunatus Monastery, 872-1120 C.E.

9:00  Megan Drennan—Pharaonic Power and Architectural Labor Investment at the Karnak Temple Complex, Egypt

9:15  Liye Xie—Urban Construction as a Social Transformation Process

9:30  Leah McCurdy—Maya Monumental Energetics

9:45  Cameron Lacquement—Formulating an Energetics Assessment of the Moundville Landscape

10:00 Elliot Abrams—Discussant

[120] SYMPOSIUM: STUDENT CONTRIBUTIONS IN GEOARCHAEOLOGY
(Sponsored by Geoarchaeology Interest Group)
Room: Oceanic 7
Time: 8:00 AM - 10:15 AM
Chair: Ian Buvit

Participants:
8:00  Kara Fulton—Geochemical Analysis of Maya Commoner Houses and the Spaces in Between at Actuncan, Belize

8:15  Nicaela Cartagena, Michael Lawrence, Sheldon Skaggs and Terry Powis—The Geophysical Investigations at the Tzib Group in Pacbitun, Belize

8:30  Rachel Cajigas—Magnetic Gradiometry in the Spatial Reconstruction of the Early Agricultural Period Canal System at La Playa, Mexico

8:45  Anthony Tricarico, E. Christian Wells, Georgia Fox and Reginald Murphy—Geomorphological Assessment of Plantation Farmscapes in Antigua, West Indies

9:00  Amy Schott—Archaeological Site Distribution in Relation to Soils and Geomorphic Characteristics in Dune Landscapes in Northeastern Arizona

9:15  Justin Carlson—Archaeological Investigations of Deeply Stratified Deposits at Crumps Sink, South-Central Kentucky, USA

9:30  Jasmine Kidwell and David Kilby—Modeling Landscape Evolution Across the Pleistocene-Holocene Transition at Blackwater Locality No. 1


10:00 ErinMarie Chenvert, John Davis, Ian Buvit, Alexis Dyson and Jillian Hendrix—Comparing Methods for Determining Particle-Size Distribution

[121] GENERAL SESSION: ADVANCES IN ARCHAEOLOGICAL METHODS
Room: Oceanic 5
Time: 8:00 AM - 10:15 AM
Chair: James Enloe

Participants:
8:00  Keith Merwin—Utilizing LED and Solar Power at a Remote Field Site in the Holmul Region

8:15  Timothy Hare—Mapping Mayapán’s Archaeological Remains and Environmental Characteristics Using UAVs and Photogrammetric Software

8:30  James Enloe and James McGrath—A GIS Approach to Stratigraphy in Visually Homogeneous Rockshelter Deposits: Results from Woodpecker Cave

8:45  Zachary Day and Heather Richards-Rissetto—Creating Interactive Landscapes with Multi-Method Modeling

9:00  Jacob Enk—Target Capture for Ancient DNA: Temperature, Time, and Tiling Density

9:15  Megan O’Neil, Charlotte Eng, John Hirx, Diana Magaloni-Kerpel and Yosi
Friday Morning, April 8

9:30 | Pozeilov—Insights into Maya Ceramic Techniques with Digital X-Radiography

9:45 | Jeffrey Brewer and Chris Carr—Preliminary LiDAR Analysis and Excavation of Residential Water Features at the Ancient Maya Site of Yaxnohcah, Central Yucatan

10:00 | Jon Carroll—Experimenting with Multilevel Agent Based Archaeological Modeling in NetLogo

[122] SYMPOSIUM ON FOOD AND CULTURE IN THE ANDES
Room: Australia 2
Time: 8:00 AM - 10:30 AM
Chairs: Katherine Chiou and Jennifer Salinas Acero
Participants:
8:00 | Maria Bruno, Katherine Moore, José Capriles, Andrew Roddick and Melanie Miller—Manq'asiñani: Political Dimensions of Foodways on the Taraco Peninsula, Bolivia during the Formative and Tiwanaku Periods
8:15 | Giacomo Gaggio and Paul Goldstein—Food for the Ayllus: Plants Access and Social Meaning in the lowland Tiwanaku sites of Omo and Rio Muerto
8:30 | Silvana Rosenfeld—Food Preparation and Status: Ch'arki versus Roasting at Chavin De Huantar
8:45 | Dana Bardolph, Brian Billman and Jesus Briceno—Food in the Contact Zone: Reimagining Highland-Coastal Contact in the Prehispanic Moche Valley of North Coastal Peru
9:00 | Katherine Chiou—Common Meals, Noble Feasts: An Archaeological Investigation of Moche Food and Cuisine in the Jequetepeque Valley, Peru
9:15 | Sarah Kennedy, Parker VanValkenburgh and Katherine L. Chiou—Diet, Status, and Identity in Colonial Peru: Investigations at Carrizales (Zaña Valley, Peru)
9:30 | Jennifer Salinas Acero and Jennifer Salinas—Changing Food Practices at Tequendama, Aguazuque, and Zipaon (Sabana de Bogotá, Colombia)
9:45 | Marcela Bernal, Lucero Aristizábal, Carl Langebaek, Freddy Rodríguez and Luz Pérez—vir y morir en tibanica, reflexiones sobre el poder y el espacio en una aldea musica tardía de la sabana de bogotá
10:00 | Lucero Aristizabal Losada and Melanie Miller—reflexiones sobre la naturaleza del poder en una población musica de la sabana de bogotá a través de estudio de la dieta
10:15 | Christine Hastorf—Discussant

[123] GENERAL SESSION PLAINS AND BASIN ARCHAEOLOGY
Room: Oceanic 3
Time: 8:00 AM - 10:30 AM
Chair: Laura Scheiber
Participants:
8:00 | Aleshia Marcum-Heiman, Leland Bement, Kristen Carlson and Brian Carter—Renewed Investigation of Sites within the Black Mesa Region, Oklahoma Panhandle
8:15 | Sarah Trabert, Sunday Eiselt, David Hill, Jeffrey Ferguson and Margaret Beck—Characterizing Micaceous Vessels on the Central High Plains
8:30 | Chelsea Ellis—Subadult Mortality at McLemore: An Unexpected Culprit
8:45 | Thomas Huffman and Frank Lee Earley—Upper Republican and Apishapa Interaction on the High Plains
9:00 | Edward Herrmann and Rebecca Nathan—Where Men Get Their Meat:
Predicting Jump Locations at the Grapevine Creek Buffalo Jump Complex
John Parker-McGlynn—Pre-Historic Archaeological Site Location Modeling Using Raster Overlay Analysis in GIS

9:30 Nicholas Arnhold and Frederic Sellet—Niche Construction of Predictable Landscapes: Redundant Caching in Ecological Niches on the Central Plains

9:45 Laura Scheiber and Amanda Burtt—Investigating High-Altitude Campsites in the Rocky Mountains: A Decade Later

10:00 Geoffrey Cunnar and Edward Stoner—Processing, Power, Teaching and Identity, The Utilitarian and Ritual Use of Artifacts from a Middle Archaic Shaman's House in the Great Basin.

10:15 Halston Meeker—Measuring Differences in Occupation Length at Short Term Habitation Sites along the base of the Colorado Front Range

[124] GENERAL SESSION: COOL ARCHAEOLOGY: ALASKA, BRITISH COLUMBIA AND THE NORTHWEST COAST
Room: Oceanic 1
Time: 8:00 AM - 10:30 AM
Chair: Crystal Glassburn

Participants:
8:00 Robert Bowman and Joshua Reuther—Environmental Changes in Archaeologically Significant Sand Dunes in Subarctic Interior Alaska
8:15 Laura Crawford, Claire Alix and Nancy Bigelow—Thule Fuel Use at Cape Espenberg, Alaska, CE 1500-1700
8:30 Ariel Taivalkoski, Caroline Funk, Debra Corbett and Brian Hoffman—Avian Skeletal Part Representation at 49-KIS-050
8:45 Todd Koelje—Leukoma Seasonality and Maturity in the Locarno Beach Phase sites of the middle Salish Sea
9:00 Joshua Howard, Caroline Funk, Debra G. Corbett and Brian W. Hoffman—Bone Tools of the Rat Islands: Aleut Identity, Subsistence, and Interaction with Landscape and Seascape
9:15 Crystal Glassburn, Ben A. Potter, Joshua D. Reuther and Matthew J. Wooller—Steppe Across the Land: Reconstructions of Steppe Bison Mobility Patterns in East-Central Alaska through Isotopic Analyses and Implications for Prehistoric Human Behavior
9:45 Amanda Marshall and Stephanie Hudelstan—Culturally Modified Trees of the Pacific Northwest: How do we define what is protected and not protected under the HCA in British Columbia.
10:00 Kristen Barnett, Anna Prentiss, Sarah Nowell and Ethan Ryan—Community Archaeology on the South West Coast of Alaska: TAPP
10:15 Joseph Keeney—An Analysis of a Middle Holocene Faunal Assemblage from the Matcharak Peninsula Site in Alaska's Brooks Range

[125] SYMPOSIUM: ANTHROPICTIC ACTIVITY MARKERS: ARCHAEOLOGY AND ETHNOARCHAEOLOGY
Room: Northern Hemisphere Salon A3
Time: 8:00 AM - 10:45 AM
Chairs: Alessandra Pecci, Debora Zurro and Carla Lancelotti

Participants:
8:00 Leandro Cascon and Rui Murrieta—Root, Fruit and Dirt: Using
Friday Morning, April 8

Ethnoarchaeology and Archaebotany for Constructing Reference Collections of Plants in Activity Areas in Eastern Amazon

8:15
Maureece Levin, Molly Shelton and William Ayres—On Swiddening and Pigs: The Management of Micronesian Agroforests

8:30
Richard Terry, Bryce M. Brown, Aline Magnoni and Tanya Carino—Extraction of Soil Biomarkers from the Sacred Cacao Groves of the Maya

8:45
Carla Lancelotti, Jonas Alcaina Mateos, Javier Ruiz perez, Alessandra Pecci and Marco Madella—Untangling Activity Areas in Open Spaces: Ethnography at Jandhala, North Gujarat, India (part II)

9:00
Lisa LeCount, Kara A. Fulton, David W. Mixter, E. Christian Wells and Thomas R. Jamison—Activity Area Analysis of Elite and Commoner Spaces in the Ancient Maya City of Actuncan, Belize

9:15
Alessandra Pecci and Fernanda Inserra—Combining Residue Analysis of Floors and Ceramics to Identify Activity Areas and the Use of Space

9:30
Linda Scott Cummings—Spatial Analysis of Domestic Structures

9:45
Anna Depalmas and Francesco di Gennaro—Supper’s Ready. Preparing and Cooking Food in Italian Protohistory

10:00
Mónica Alonso Eguíluz, Rosa María Albert and Javier Fernández Eraso—Microarchaeology Applied to Fournier Deposits: The Use of Phytoliths, Spherulites and Ash Pseudomorphs as a Tool For Reconstruct Livestock Practices

10:15
Questions and Answers

10:30
William Middleton—Discussant

[126] SYMPOSIUM BUILT ENVIRONMENTS OF ENSLAVED EXPERIENCE IN THE CARIBBEAN Room: Northern Hemisphere Salon E4
Time: 8:00 AM - 10:45 AM
Chairs: Zachary Beier and Elizabeth Clay

Participants:

8:00
Kenneth Kelly—Slave Village Architecture in the French West Indies

8:15
Khadene Harris—Postemancipation Bois Cotelette: An Update on Current Fieldwork

8:30
Todd Ahlman—The Historic House Yard Landscapes of St. Kitts’ Southeast Peninsula Plantations

8:45
Christian Williamson and Douglas Armstrong—Housing and Living Areas of the Enslaved and Free Servants at the Magens House Compound, St. Thomas

9:00
Gerald Schroedl—Changing Patterns of Status among White Soldiers and Africans at Brimstone Hill Fortress

9:15
Zachary Beier—Dwelling Practices at the Cabrits Garrison Laborer Village

9:30
Elizabeth Clay and James Delle—Constructing Space and Community within Landscapes of Slavery in Early 19th c. Jamaica

9:45
James Delle—Plantation Life Beyond the Village: Examining Evidence for Residence in Provision Grounds

10:00
Hayden Bassett—Housing Occupation and Constructing Race in Plantation Jamaica: A Comparative Archaeology between two Slave Villages at Good Hope Estate

10:15
James Delle—Discussant

10:30
Kenneth Kelly—Discussant

Program of the 81st Annual Meeting

Friday Morning, April 8

Room: Southern Hemisphere Salon 1
Time: 8:00 AM - 11:15 AM
Chairs: Ken Seligson, Evan Parker and Maggie Morgan-Smith

Participants:

8:00 William Ringle and Gabriel Tun Ayora—Experiencing Yaxhom: Materiality, Memory, and Monumentality in the Puuc Hills of Yucatan
8:15 Betsy Kohut, George J. Bey III, Tomas Gallareta Negron, William Ringle and Evan Parker—An Examination of Regional Variation in Early Middle Preclassic Ceramics of the Puuc Region, Yucatan, Mexico
8:30 Christopher Gunn—Seeding the Clouds: A Model of Late Classic Puuc Political Process
8:45 Anna Catesby Yant—A Comparative Analysis of Ritual Architecture in the Northern Maya Lowlands
9:00 Rossana May, Tomás Gallareta and William Ringle—Boundary Traits in Archaeological Settlements of the Bolonchen District, Yucatán, México.
9:15 Tomás Gallareta Cervera—A Model for Interpreting the Royal Court Puuc Tradition
9:30 Evan Parker, George Bey III, Tomás Gallareta Negrón, Stephanie Simms and Amanda Strickland—The Intermediate Elite of the Puuc Maya Suburbs: Excavations at Terminal Classic Escalera al Cielo
9:45 Melissa Galvan and Betsy Kohut—Acknowledging Anonymous Artists: Examining the Painted Stucco Facade from a temple at Kiuic, Yucatan
10:00 Ken Seligson, Tomás Gallareta Negrón, Rossana May Ciau and George J. Bey III—Lord of the Ring Structures: Burnt Lime Production and the Ancient Puuc Economy
10:15 Rebecca Hill—Over the Hills: Decline and Abandonment of the Bolonchén District
10:30 Maggie Morgan-Smith—Fringe Benefits?: Historical Household Investigations at Rancho Kiuic, Yucatan, Mexico
10:45 Charles Rappe and William Ringle—Computing Material Culture: The Utility of Mobile Photogrammetric Techniques in Capturing Structures
11:00 Questions and Answers

[128] SYMPOSIUM Why Social Archaeology Matters
Room: Asia 2
Time: 8:00 AM - 11:15 AM
Chairs: Kristin De Lucia and Santiago Juarez

Participants:

8:00 Kristin De Lucia and Santiago Juarez—Introduction: Why Social Archaeology Matters
8:15 April Beisaw—Taking Their Water for Our City: Archaeology and Water Rights in New York and Beyond
8:30 Meredith Reifschneider—The Social Politics of Health and Healing: Archaeological Approaches to Social Meanings and Practices of Illness and Well-Being
8:45 Stacie King—Global Indigeneity in Southern Mexico and the Value of Social Archaeology
9:00 Haeden Stewart and Jason De Leon—“Clean Up Your Mess, Chino”: Contested Space, Boredom, and Vulnerability among Central American Migrants Crossing Southern Mexico
9:15 Enrique Rodríguez—Social Archaeology and Debating Local Scholars
9:30 Jamie Arjona—Indigenous Histories and the Queer Future of Archaeological Anachronism
9:45 Chelsea Blackmore—Queering the Narrative: Diverse Pasts and Political Futures
10:00 Nathan Acebo—Palimpsests in the Colonial Borderland at Black Star Canyon, Orange County, California
10:15 Patricia Rubertone—Archaeological Histories of Urban Indians and Why They Matter
10:30 Santiago Juarez and Kristin De Lucia—The Social Archaeology of Politics
10:45 Anne Pyburn—Responsibility for the Past, Responsibility to the Present
11:00 Margaret Conkey—Discussant

Room: Asia 4
Time: 8:00 AM - 11:30 AM
Chairs: Sarah Clayton, David Carballo and Rebecca Storey
Participants:
8:00 Nawa Sugiyama, Saburo Sugiyama, Verónica Ortega Cabrera and William L. Fash—Plaza of the Columns at Teotihuacan: Scope, Goals and Expectations of a New International Project
8:15 Andres Mejia Ramon, Luis Barba, Deborah Nichols and Sergio Gomez—Watering Tlaloc’s Gardens: Ancient Irrigation in the Teotihuacan Valley
8:30 Michael Smith—Housing and Society at Teotihuacan
8:45 David Carballo—Urbanism and Domestic Life in the Tajinga District, Teotihuacan: New Research
9:00 Daniela Hernandez Sarinana, Gina Buckley, Doug Kennett, Brendan Culleton and David Carballo—New Research on Ceramics and Chronology from the Tajinga District
9:15 Kenneth Hirth, Mark Dennison, Sean Carr, Sarah Imfeld and Casana Popp—Obsidian craft production at Teotihuacan: A view from Tajinga 17
9:30 Gina Buckley, Rebecca Storey, Kenneth G. Hirth, Douglas J. Kennett and Brendan J. Culleton—Geographical Isotopes, Migration and the Tajinga District of Teotihuacan
9:45 Randolph Widmer—Lapidary Crafting in the Tajinga Barrio at Sites 17:S3E1 and 18:S3E1, Teotihuacan
10:00 Emily McClung De Tapia—Prehispanic Landscape and Agriculture in the Teotihuacan Valley: the Tajinga area
10:15 Alejandro Pastrana—Explotación teotihuacana de obsidiana verde en La Sierra de Las Navajas
10:30 David Walton—Use-wear Analysis and Obsidian Tool Functions Before and After Teotihuacan
10:45 Tom Froese and Linda Manzanilla—A Network Theoretical Analysis of the Emergence Of Co-Rulership in Ancient Teotihuacan, Central Mexico
11:00 Sarah Clayton—A City in Decline: Insights on the Collapse of Teotihuacan from the Southern Basin of Mexico
11:15 Deborah Nichols—Discussant

[130] SYMPOSIUM “CHANGES IN LATITUDES, CHANGES IN ATTITUDES”: TRANSITIONS AND THRESHOLDS THROUGHOUT CENTRAL AMERICA AND BEYOND
Room: Northern Hemisphere Salon C
Time: 8:00 AM - 11:45 AM
Chairs: Samantha Krause and Luisa Aebersold
Participants:
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Friday Morning, April 8

8:00  Luisa Aebersold, Tim Beach, Sheryl Luzzadder-Beach, Tom Guderjan and Fred Valdez—The Blue Creek Rejollada Revisited: Transitional Imprints on Sedimentological Records
8:15  Elizabeth De Marigny—Romanizing Production: A study of Castro Ceramics before and after Roman Imperial Expansion in Northwestern Portugal
8:30  Jennifer Mathews and John Gust—Life is Bittersweet: The Rise and Fall of the Sugarcane and Rum Industry in the Nineteenth Century
8:45  Marc Wolf and Katherine Miller Wolf—Creating an Interdisciplinary Map of Social and Environmental Change through Topography and Bioarchaeology
9:00  Jinok Lee—Subsistence Ecology in the Making of the Shang State, Eastern China
9:15  Thomas Guderjan—Did restructuring at the End of the Maya Classic Period Include the Beginnings of Private Land Tenure?
9:30  Shannon Iverson—Breaching Spiritual Borders: How Indigenous Religious Ontologies Colonized Christianity
9:45  Michael Bletzer—To the Four Winds—Identities and Destinies on New Spain’s Far Northern Frontier: the Piro and Tiwa Provinces of New Mexico, c. 1540-1740.
10:00 Angelina Locker and Fred Valdez, Jr.—Late Classic to Terminal Classic Maya Transitions: Modeling from NW Belize
10:15 Michael Smyth, Timothy Beach and Eric Weaver—Climate Change and Chiefdom Ecodynamics in the Eastern Andean Cordillera of Colombia
10:30 Hannah Plumer—Maya Health Though Time in Northwestern Belize
10:45 Samantha Krause, Timothy Beach, Sheryl Luzzadder-Beach and Thomas Guderjan—Understanding Environmental Thresholds through Geoarchaeology: Case Studies from the Maya Lowlands
11:00 William Doolittle—Discussant
11:15 Sheryl Luzzadder-Beach—Discussant
11:30 Questions and Answers

(Sponsored by Rock Art Interest Group)
Room: Northern Hemisphere Salon D & DE Corridor
Time: 8:00 AM - 11:45 AM
Chair: Lenville Stelle

Participants:
8:00  Michele Hayward, Frank Schieppati and Michael Cinquino—Zoomorphs in Caribbean Rock Art
8:15  Paul Langenwalter and Titus Kennedy—Eccleston’s Pictograph: The Great Medicine Rock
8:30  Daniel Arsenault and Serge Lemaître—What’s new in Canadian Shield Rock Art
8:45  Matthew Schmader—Shape Shifters, Spirit Guides, and Portals to Other Worlds in Puebloan Rock Images of the Southwest
9:00  Stephen Yerka, Jan Simek and Alan Cressler—Through a Mirror, Darkly: Using Multi-Sensor Imaging Surveys as Basic Data for 3D Spatial Analysis of Cave and Open-Air Rock Art
9:15  Sierra Bow, Jan Simek and Alan Cressler—Non-Destructive Analysis of Pictographs at Painted Bluff: Understanding Prehistoric Paint Recipes in the Southeastern United States
9:30  Beau Carroll, Tom Belt, Alan Cressler and Jan Simek—Talking Stone: Cherokee Syllabary Inscriptions in Dark Zone Caves
9:45  David Whitley—The archaeology of dreams and what it tells us about climate
Program of the 81st Annual Meeting

Friday Morning, April 8

10:00  Aurora Skala—"Showing up" at rock art sites: Ethical behavior while using DStretch in Heiltsuk and Wuinkinuxv Territories on the BC Coast, Canada

10:15  Audrey Lindsay, Carolyn E. Boyd, Victoria L. Roberts, Jerod L. Roberts and Timothy J. Murphy IV—Taking a Byte out of Rattlesnake: An Overview of the Rattlesnake Canyon Project

10:30  Jerod Roberts, Victoria Muñoz and Carolyn Boyd—How to Capture a Photograph worth a Thousand words: Photographic Documentation of Rock Art in the Lower Pecos Canyonlands of Texas

10:45  Carolyn Boyd and Timothy J. Murphy IV—Strat is where its at: Analyzing and Managing Complex Mural Stratigraphy at Rattlesnake Canyon, TX

11:00  Lindsay Vermillion and Carolyn Boyd—It's not an Illustration; it's a Graphic Database: Rock Art Documentation in the Digital Age

11:15  Karen Steelman and Carolyn Boyd—Two Independent Methods for Dating Rock Art: Age Determination of Paint and Oxalate Layers at Eagle Cave, TX

11:30  Victoria Roberts, Jerod Roberts and Carolyn Boyd—Getting Up-Close and Personal with Pecos River Style Rock Art

[132] Symposium Terraforming and Monumentality in Hunter-Gatherer-Fisher Landscapes

Room: Australia 3  
Time: 8:00 AM - 12:00 PM  
Chairs: Colin Grier and Margo Schwadron  

Participants:

8:00  Asa Randall and Kenneth Sassaman—Terraforming a Middle Ground in Ancient Florida

8:15  Isabelle Lulewicz, Victor Thompson, Thomas Pluckhahn, Oindrilla Das and Fred Andrus—From Habitat Exploitation to Monument Construction: Exploring the Nature of Shell Deposits at Crystal River and Roberts Island through Stable Isotope Geochemistry

8:30  Margo Schwadron—Monuments From The Sea: The Prehistoric Shellscapes of the Ten Thousand Islands, FL

8:45  Matthew Sanger—Points of Revelation and Communication: Interpreting Native American "Monument" Construction in the Coastal American Southeast

9:00  Tristram Kidder, Edward Henry and Anthony Ortmann—Jaketown, Pilgrimage, and Poverty Point Era Sacred Monumental Landscapes in the Lower Mississippi Valley


9:45  Darcy Mathews—Monumental Stonework and the Making of Places and History on the Northwest Coast of British Columbia

10:00  Bill Angelbeck—Trenches, Embankments, and Palisades: Terraforming Landscapes for Defensive Fortifications in Coast Salish Territory

10:15  Eric McLay—The Monumentality of Clam Gardens in the Southern Gulf Islands, British Columbia

10:30  Colin Grier—Terraforming, Monumentality and Long Term Practice in the Coast Salish World

10:45  Junzo Uchiyama and Christopher Gillam—Pottery, Shellmounds, and Monuments: Environmental Impacts and Landscape Management of Hunter-
Friday Morning, April 8

Gatherer-Fisher (HGF) in Jomon Japan
11:00 Kent Lightfoot, Edward Luby, Matthew Russell, Gabriel Sanchez and Thomas Wake—Monumentality in the Hunter-Gatherer-Fisher Landscapes of the Greater San Francisco Bay, California
11:15 Daniela Kloker—Modified Landscapes, Modified Views: Transformations in Brazilian Shell Mound Archaeology
11:30 Joshua Pollard—Discussant
11:45 Timothy Pauketat—Discussant

SYMPOSIUM

RECENT CONSIDERATIONS OF COASTAL SUBSISTENCE PRACTICES IN THE SOUTHEASTERN USA
Room: Southern Hemisphere Salon 3
Time: 8:00 AM - 12:00 PM
Chairs: Ginessa Mahar and Alexandra Parsons

Participants:
8:00 Matthew Napolitano, Traci Ardren, Scott Fitzpatrick, Victor Thompson and Michelle LeFebvre—Subsistence Strategies and Small Island Adaptations: New Evidence from the Florida Keys
8:15 Tanya Peres and Theresa Schober—Making Mounds Out of Midden: A Behavioural Analysis
8:30 Carol Colaninno, Carla Hadden and Maran Little—Subsistence, Landscape, and Identity as Explored through Archaeofaunal Remains from Northwestern Florida
8:45 Sharlene ODonnell—Zooarchaeological Findings and the Importance of Seascape at Weeden Island Archaeological Site (8P1)
9:00 Joshua Goodwin—From Pots to Pits: Ritual Use of Waterbirds on the Northern Gulf Coast of Florida
9:15 Rochelle Marrinan—Vertebrate Fauna from the Grand Mound Shell Ring site (8Du1), Florida
9:30 Hayley Singleton—Midden among the mounds: An Ongoing Study of Faunal Remains from a Platform Mound and Adjacent Midden at the Garden Patch Site (8DI4)
9:45 C. Fred Andrus—Assessment of Past Subsistence Strategy and Environmental Impacts using Novel Geochemical Analyses of Mollusk Shells
10:00 Elizabeth Reitz—Charleston, South Carolina (USA): A Case Study in Using Fish as Evidence of Social Status
10:30 Alexandra Parsons, Rochelle Marrinan and Margo Schwadron—A WEIRd Tale: 2,500 Years of Fishing in an Everglades Slough
10:45 Jessica Jenkins—Oyster Mariculture on Florida's Northern Gulf Coast: The Intensification of a Ritual Economy
11:00 Ginessa Mahar—Reconsidering Mass-Capture Fishing Practices: Methodological and Theoretical Implications
11:15 Christina Sampson—Site Structure, Community Organization, and the Interpretation of Subsistence Remains
11:30 Meggan Blessing, Michelle LeFebvre and Neill Wallis—Eat Local, Think Global? The Intersections of Knowledge, Culture, and Subsistence at Woodland Coastal Sites in the Southeastern USA.

11:45 Questions and Answers
**Applications of Isotope Research in Zooarchaeology**

**Room:** Southern Hemisphere Salon 4  
**Time:** 8:00 AM - 12:00 PM  
**Chairs:** Ashley Sharpe and Petra Cunningham-Smith

**Participants:**

8:00 Holly Miller and Naomi Sykes—Stable Isotopes and the Dynamics of Human-Animal Relationships  
8:15 Jennifer Jones, Ana B. Marin Arroyo and Michael Richards—Isotopes and Environments: Exploring Palaeoenvironmental Change during the Middle and Upper Palaeolithic in the Cantabrian Region, Northern Spain  
8:30 György Price—Discriminating Tastes: Intra-Species Variation in Exploited Fauna at Mycenae, Greece  
8:45 Tosha Dupras, Gytis Piliciauskas, Rimantas Jankauskas and Gedre Piliciauskienė—Understanding the Neolithic Transition: Stable Carbon and Nitrogen Isotope Analysis of Subneolithic and Neolithic Animals and Inhabitants of the SE Baltic Coast (3200-2500 cal BC)  
9:00 Elizabeth Arnold, Haskel Greenfield and Aren Maeir—An Examination of Economic Specialization in the Early Bronze Age City of Tell es-Safi Using Isotopic Analysis of Ovicaprines  
9:15 Chase Brad, Brad Chase, David Meiggs and P. Ajithprasad—Land-Use and Social Networking of the Indus Civilization Explored with Stable Isotopes in Faunal Remains  
9:30 Benjamin Valentine, Penny Jones and Erik Otárola-Castillo—From Scatterplots to Statistics: Identifying the Local Isotope Range in Multivariate Data  
9:45 Taylor Hermes, Michael Frachetti, Farhod Maksudov, Alexei Mar'yashev and Paula Doumani Dupuy—Tethered, Ad Hoc, Resilient, or Structured? An Isotopic Investigation of Pastoral Strategies in Montane Ecosystems of Central Asia  
10:00 Michelle Eusebio, Philip Piper, Fredeliza Campos, Andrew Zimmerman and John Krigbaum—Using Organic Compound-Specific Stable Isotope Ratios to Identify Animals in Prehistoric Foodways of Southeast Asia  
10:15 Petra Cunningham-Smith—A Preliminary Isotopic Investigation into Ancient Maya Fish Trade  
10:30 Ashley Sharpe—Isotopic Evidence of Animal Management and Long-Distance Exchange at the Maya Site of Ceibal, Guatemala  
10:45 Erin Thornton, Kitty Emery, John Krigbaum and Camilla Speller—Biomolecular Approaches to Documenting Ancient Maya Turkey Husbandry and Use  
11:00 Ellen Lofaro, Jorge Luis Soto Maguino and John Krigbaum—Lamb of God: Caprine use in a Jesuit Church in Early Colonial Ayacucho, Peru  
11:30 Paul Szpak—Large changes environmental changes following commercial whaling in the Eastern Canadian Arctic  
11:45 John Krigbaum—Discussant

**Exploring Mobilities in Latin America**

**Room:** Asia 1  
**Time:** 8:15 AM - 11:15 AM  
**Chairs:** Danny Zborover and Jamie Forde

**Participants:**

8:15 Sophie Desrosiers—Textile conceptual ideas as mobility indicators between highlands and coast, Central Andes, c. 200BC-600AD  
8:30 Aleksa Alaica—Moving the Animal: Camelid Herding on the North Coast of Peru
### Friday Morning, April 8

#### Program of the 81st Annual Meeting

**Friday Morning, April 8**

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<td>Sara Marsteller, Kelly Knudson, Gwyneth Gordon and Ariel Anbar—A Bioarchaeological Approach to Ychsma Regional Interactions: Stable Oxygen and Radiogenic Strontium Isotopes and Late Intermediate Period Mobility on the Central Peruvian Coast</td>
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<td>9:00</td>
<td>Lauren Kohut—Surveillance and control in a landscape of war: An examination of mobility and fortification in the Colca Valley, Peru</td>
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<td>9:15</td>
<td>Gabriel Ramon—Itinerancy and pottery production in the Andes</td>
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<td>9:30</td>
<td>Flora Vilches and Hector Morales—From Herders to Wage-Laborers and Back Again: Mountain Mobility in the Puna Of Atacama, Northern Chile</td>
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<td>9:45</td>
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<td>10:00</td>
<td>Juliana Machado and Nivaldo Peroni—Paths and Plants: Territory and Mobility among the Laktan/Xokle in Brazil</td>
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<td>10:15</td>
<td>Guy Hepp—Movement of Goods and Ideas in Early Formative Western and Central Mesoamerica: New Evidence from Coastal Oaxaca, Mexico</td>
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<td>10:30</td>
<td>Jamie Forde—Volcanic Glass and Iron Nails: Shifting Networks of Exchange at Postclassic and Colonial Achiutla, Oaxaca, Mexico</td>
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<td>10:45</td>
<td>Danny Zborover and Aaron Sonnenschein—To Move Mountains: Cycles of Indigenous Mobility and Resettlement in Highland Mexico</td>
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<td>11:00</td>
<td>Scott Hutson—Discussant</td>
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**Symposium: Pluralidad en los estudios mesoamericanos: regiones y perspectivas teóricas metodológicas**

**Room:** Asia 5  
**Time:** 8:30 AM - 11:15 AM  
**Chair:** Mario Martínez Lara

**Participants:**

8:30  | Mario Martínez Lara—Discussant |
8:45  | Alberto Ortiz Brito—La relación ser humano-paisaje dentro de los grupos olmecas del periodo Preclásico mesoamericano |
9:00  | Yajaira Gómez García—Indicadores arqueológicos de talleres de cerámica en las unidades habitacionales de Cacaxtla-Xochitecatl |
9:15  | María Bertilla Beltrán Malagón—Evidencias prehispánicas y dinamismo cultural en el Centro de Veracruz: el caso de la región de Córdoba |
9:30  | Thania Pérez Chávez—Las representaciones cerámicas de cánidos en la costa del Golfo: consideraciones metodológicas para su estudio. |
9:45  | Erik Chiquito Cortés—Una propuesta de estilo entorno a la pintura mural de Ixcaquixtla, Puebla. |
10:00 | Mario Martínez Lara—Cacaxtla en el devenir histórico mesoamericano: una propuesta desde sus expresiones plásticas. |
10:15 | Mariela Viridiana Madrid González—Paisaje religioso: Adoratorios y eventos cívicos |
10:30 | Laura Angélica Romero Padilla—El paisaje, la memoria y los sentidos: ritos de iniciación en el complejo templo-cueva del Kism en el sitio de CALICA, Quintana Roo |
10:45 | Paola Michel Flores—La culpa es de Kirchhoff: Un análisis en torno a Mesoamérica como categoría geohistórica |
11:00 | Questions and Answers |

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**Symposium: Reconsidering Mississippian Households and Communities**

**Room:** Southern Hemisphere Salon  5  
**Time:** 8:30 AM - 11:30 AM
Friday Morning, April 8

**Chairs:** Elizabeth Watts Malouchos and Alleen Betzenhauser

**Participants:**

- **8:30** Elizabeth Watts Malouchos and Alleen Betzenhauser—Creating a Cahokian Community: Rethinking Mississippian Storage Practices
- **8:45** Tamira Brennan—Making Mounds, Making Communities in the Mississippian Period Midwest
- **9:00** Staffan Peterson, Dru McGill and Elizabeth Watts Malouchos—Spatial, Architectural, and Economic Dimensions of Neighborhoods: A Comparison of Three Large Mississippian Sites in Indiana
- **9:15** Adam King—Households, Communities, and the History of Etowah
- **9:30** Brandon Ritchison—Responding to Regional Collapse: A Late Mississippian Community on the Georgia Coast
- **9:45** Stefan Brannan and Jennifer Birch—Multiscalar Community Histories: A Tale of Migration, Aggregation, and Integration in the Lower Chattahoochee River Valley
- **10:00** Questions and Answers
- **10:15** Edmond Boudreaux—The Mississippian Community at Town Creek
- **10:30** Nathan Shreve, Eileen G. Emnwein, Jay D. Franklin and S.D. Dean—A Flow of People: Household and Community at the Cane Notch Site, a Protohistoric Cherokee Town on the Nolichucky, Upper East Tennessee
- **10:45** Benjamin Steere—Mississippian Communities and Households from a Bird’s-Eye View
- **11:00** Cameron Wesson—From Households to Communities and Back Again: Bridging Analytical Scales in Search of Conflict, Coalescence, and Communities
- **11:15** Jason Yaeger—Discussant

**Symposium: The Contributions of Vernon Scarborough in Water Management and Sustainability, Part 1: Global and Comparative**

**Room:** Southern Hemisphere Salon 2  
**Time:** 9:00 AM - 11:45 AM  
**Chair:** Lisa Lucero

**Participants:**

- **9:00** Lisa Lucero—The Contributions of Vernon Scarborough: Introductory Remarks
- **9:15** David Freidel, Mary Jane Acuna and Carlos Chiriboga—Water Mountains and Water Trails: The View from Northwest Peten
- **9:30** Norman Yoffee—Perspectives on Water Management Systems in Mesopotamia
- **9:45** Kenneth Tankersley and Jessica Thress—Salt Pollution and Climate Change at Chaco Canyon, New Mexico
- **10:00** Kathleen Morrison—Other Archaeologies of the Present: Enduring Legacies of Past Land Use
- **10:15** Michael Harower—Comparative Water Histories: An Outline of Contrastive Juxtaposition as Method in Anthropological Archaeology
- **10:30** Maurits Ertsen—The Good, the Bad, and the Ugly in Ancient Water Systems. Comparative Remarks along the Axes of Small- Large and Dry-Wet
- **10:45** Roland Fletcher—Water, Weather and the Fallacy of the Rationalist—Romanticism Dichotomy
- **11:00** Sander Van Der Leeuw—Looking at the Ancient Maya from the Outside
- **11:15** Carole Crumley—Into International Waters
- **11:30** Questions and Answers

**Symposium: Mobility and Use of Space in Late Pleistocene South America: Is it Possible to Discuss Early Human Regional Ranking?**
Friday Morning, April 8

Room: Northern Hemisphere Salon A4
Time: 9:00 AM - 11:45 AM
Chairs: César Méndez and Rafael Suárez

Participants:
9:00  Lucas Bueno and Andrei Isnard—Mobility and Territoriality in the Early Peopling of Central Brazilian Plateau
9:15  Rafael Suárez—The Early Peopling and Use of Space during the Colonization of Southeast of South America
9:30  Kurt Rademaker, David Reid, Katherine Moore and Herve Bocherens—The Missing Middle: New Efforts to Understand Early Inter-Zonal Connections in the Peruvian Central Andes
9:45  Jose Capriles, Calogero Santoro, Daniela Osorio, Juan Albarracin-Jordan and Claudio Latorre—Mobility Strategies between the Atacama Desert and the López Highlands during the Late Pleistocene
10:00 Rodrigo Loyola, Isabel Cartajena, Lautaro Nuñez, Carlos Aschero and Patricio Lopez—Lithic Technology and the Use of Space during the Late Pleistocene-Early Holocene Transition in Imilac and Punta Negra Basins, Atacama Desert (24.5°S)
10:15 Carola Flores-Fernandez, Diego Salazar, Laura Olguín, Gabriel Vargas and Camila Arenas—Early Coastal Occupations in Taltal, Southern Atacama Desert, Chile
10:30 Nora Flegenheimer, Natalia Mazzia and Celeste Weitzel—Assessing Fishtail projectile point distribution in the Southern Cone
10:45 César Méndez, Amalia Nuevo, Omar Reyes, Ivana Laura Ozán and Carolina Belmar—The Initial Peopling of Continental Aisén: New Data from Cueva de la Vieja
11:00 Nora Franco, Víctor Durán, Valeria Cortegoso and Gustavo Lucero—Human Ranking of Spaces and the Role of Caches: Case Studies from the South of Patagonia (Argentina)
11:15 Questions and Answers
11:30 Luis Borres—Discussant

GENERAL SESSION
TECHNOLOGICAL ADVANCES IN ARCHAEOLOGY
Room: Oceanic 2
Time: 10:15 AM - 12:00 PM
Chair: Sudhagar Nagarajan

Participants:
10:15  Laura Short—Quantum Archaeology: Raman Spectroscopy of FCR in South-Central North America
10:30  Michael Carter—Virtual Archaeology, Virtual Longhouses and “Envisioning the Unseen” within the Archaeological Record
10:45  R Doyle Bowman, Thomas Gruber and Sonya Beach—UAS Vehicles (Drones) and the Documentation Rock Art Effigies on the Great Plains
11:00  Megan King—The Functional Analysis of an Expedient Flake Tool Industry: Preliminary Results
11:15  Sarah Love—A Cross Comparison in 3D Modeling: The Potential for a Multidisciplinary Approach to Digital Collections
11:45  Peter Day—The Longevity of Ceramic Production Centres: historical contingency in the analysis of pottery.
Friday Morning, April 8

[141] Symposium Caribbean Archaeological Collections: History, Museums, and Politics
Room: Asia 3
Time: 10:30 AM - 11:45 AM
Chairs: Mariana Francozo and Paola Schiappacasse

Participants:
10:30 Paola Schiappacasse—Why are Archaeological Collections Relevant in the 21st Century? The Caribbean Experience
10:45 André Delpuech—On the Trail of Calinago Ethnographic Objects from the Lesser Antilles in European Museums
11:00 Mariana Francozo—Caribbean Archaeological Collections in European Museums: An Overview
11:15 Amy Strecker—The Legal Status of Caribbean Collections Abroad
11:30 Yasha Rodriguez and Paola Schiappacasse—Legal Analysis of the George Latimer and Agustin Stahl Collections: Can We or Can’t We Reclaim, That’s the Question!

[142] Symposium British Colonial Landscapes of the Outer Caribbean
Room: Northern Hemisphere Salon E2
Time: 10:30 AM - 11:45 AM
Chair: Allan Meyers

Participants:
10:30 Lorena Mihok—Landscape of Royalization: An English Military Outpost on Roatán Island, Honduras
10:45 Michael Pateman, Kelley Scudder and Christopher Davis—Visions of Colonial Landscapes: Through the Eyes of African Caribbean Communities
11:00 Allan Meyers—Landscapes of Slavery and Emancipation on Cat Island, Bahamas
11:15 Anna Shaw—Settlement Survey of Newfield Plantation, Cat Island, Bahamas
11:30 Shannon Murphy—Discovery of Plantation Row Housing on Cat Island, Bahamas

[143] General Session Eurasia - West Asia
Room: Northern Hemisphere Salon E3
Time: 10:30 AM - 11:45 AM
Chair: Maryann Calleja

Participants:
10:30 William Belcher—Fish Remains in an Early Village Context: Provisioning during the Ravi Phase of the Indus Valley Tradition (Pakistan)
10:45 Igor Chechushkov—Age of Heroes: elite warfare during the Eurasian Bronze Age
11:00 Lise Truex—Beyond the Palace Walls: Household Perspectives on Living and Working in Late 3rd millennium BC Tell Asmar, Iraq (ancient Eshnunna)
11:15 Maryann Calleja and Debra Martin—Using GIS to Analyze the Mortuary Context and Taphonomy of the Bronze Age Commingled Tomb at Tell Abraq
11:30 Eli Dollarhide—Impressions of an Early Urban Landscape: Interpreting a Bronze Age Ceramic Motif from ‘Amlah, Oman

[144] General Session Archaeology of Iroquoia
Room: Oceanic 4
Program of the 81st Annual Meeting

Friday Morning, April 8

Time: 10:30 AM - 12:00 PM
Chair: Jennifer Birch

Participants:
10:30 William Engelbrecht and Bruce Jamieson—Bone versus Stone Arrows and the Movement of the St. Lawrence Iroquoians
10:45 Jennifer Birch and Sturt Manning—Bayesian Modelling and Refinement of Iroquoian Regional Settlement Histories
11:00 Mariane Gaudreau and George Nicholas—Tackling Ethnicity from Anthropological, Archaeological, and Indigenous Perspectives: The Case of the St. Lawrence Iroquoians
11:15 Peregrine Gerard—Seeing the Forest for the Trees: Human-Landscape Interactions Explored through Wood Charcoal Assemblages from Three Seneca Iroquois Settlements (1670-1750 CE)
11:30 Matthew Kroot—Reinterpreting Winney’s Rift: Material Culture, Language, and Ethnogenesis Outside of Iroquoia
11:45 Megan Conger—Transformations in Native and European Trade Networks Across Northern Iroquoia

[145] POSTER SESSION ■ ARCHAEOLOGY OF EUROPE
Room: Atlantic Hall B
Time: 10:30 AM - 12:30 PM

Participants:
145-a Sarah Breiter—After the Dissolution: The Second Life of Monastic Stones
145-b Jade Robison, Olivia Navarro-Farr and P. Nick Kardulias—Phoenician Colonization of Nuragic Sardinia: A World-Systems Model of Periphery-Semiperiphery Interaction
145-c Ursel Wagner, Friedrich Wagner, Werner Haesler, Benilde Costa and Jean-Yves Blot—Mössbauer and XRD Study of Roman Amphorae Buried in the Sea for Two Millennia
145-d Elizabeth Braden—Coins of the McGhee Collection
145-e Carla Pereira—Tektaş Burnu: The Process of Rendering a Period-Accurate Model of a Classical Greek Shipwreck
145-f Jordan Bowers—Calculating Moment of Inertia of Spindle Whorls as a Method for Understanding Iron Age Textile Production
145-g Britta Spaulding—Revolutionizing Rural Industries: Issues of Access and Scale
145-h Paul Kardulias—The Examination of Changing Landscapes through Archaeological Survey in Central Cyprus
145-i Eileen Emerwein, Jeremy Menzer and Frederic Surmely—Ground-penetrating Radar and Photogrammetry in Medieval France: Results from the Auvergne

[146] POSTER SESSION ■ ARCHAEOLOGY OF EUROPE II
Room: Atlantic Hall B
Time: 10:30 AM - 12:30 PM

Participants:
146-a Christopher Nicholson—A Paleoclimate Model of Neanderthal Landscape-Use during the Last Interglacial
146-b Eric Heffter and Dušan Mihailovic—The Role of Artifact Surface Scatters from the Western Morava Valley, Serbia in Understanding Human Population Movements during the Early Upper Paleolithic
146-c Gabriel Popescu—Living through the Last Glacial Maximum. A View from the Eastern European
146-d Melissa Holst and Jonathan Haws—New Data on Late Magdalenian Lithic
Technological Organization at Lapa do Picareiro
Brandon Zinsious and Jonathan Haws—Photogrammetry at Lapa de Picareiro: 3D Modeling of a Middle and Upper Paleolithic Cave Site
William Rendu, Lionel Gourichon and Stephan Naji—Optimizing Cementochronology for Archaeological Applications: The CemeNTAA Project
Kristen Wroth—Phytolith Analysis at Roc de Marsal, SW France
Melissa Metzger—Polished Flint Discoidal Knives
Petr Kvetina, Klara Neumannova and Richard Ther—Technological Variability of Pottery in Long-Term Perspective: A Case of the Neolithic Settlement at Bylany (Czech Republic)
Kyle Freund, Craig Alexander, Robert Tykot, Keri Brown and Italo Muntoni—A Network-Based Approach to the Study of Neolithic Pottery Production in the Tavoliere (Apulia, Italy)
Michael Lukas—Geophysical Prospection at Caisteal Mac Tuathal in Perthshire, Scotland
Emily Zavodny, Brendan J. Culleton, Sarah B. McClure, Douglas J. Kennett and Jacqueline Balen—The Lapodians in Iron Age Europe: a Stable Isotope and Radiocarbon Dating Program in Northern Croatia
Annemieke Milks and Matt Pope—Middle Pleistocene ‘Hunting Lesions’: Experimental Approaches to an Archaeological Puzzle

Poster Session ■ Archeology of Europe III
Room: Atlantic Hall B
Time: 10:30 AM - 12:30 PM

Participants:
Ariana Gugora, Tosha Dupras and Erzsébet Fóthi—Childhood and Adulthood Mobility at Medieval (1240s AD) Solt-Téteîhegy, Hungary Reconstructed from Stable Oxygen Isotope Analysis
Stacia Yoakam and Kathryn Marklein—Once Upon a Höyük
Kathryn Allen—Life in Suleiman’s Army: Preliminary Investigations of Health in an Ottoman Cemetery Site
Niamh Daly, Elise Alonzi and Saskia Ryan—Connecting the Baseline: Applying Radiogenic Strontium (87Sr/86Sr) Isotopes to Irish Archaeological Research
Sabrina Meyer, Frank Rühli and Christian Auf der Maur—Archaeo-Anthropological Analysis of the Early to Late Middle Age (7-14th Century) Parish Church and Graveyard from Sursee, Switzerland
Jordan Karsten, Ryan Schmidt, Takashi Gakuhi, Hiromi Matsumae and Hiroki Oota—Paleogenetic Analysis of the Eneolithic (4900–2750 calBC) Trypillian Culture from Verteba Cave, Ukraine
Serenela Pelier, Tosha Dupras and Rimantas Jankauskas—Stable Isotope Evidence for the Geographic Origins and Military Movement of Napoleonic Soldiers during the March from Moscow in 1812
Marissa Stewart, Francesco Coschino, Antonio Fornaciari and Giuseppe Vercellotti—Advanced GIS Applications for Bioarchaeology: Methods and Case Studies
Alexander Smith and Linda Gosner—Site-Based Survey at S’Urachi: Deep History, Thick Shrubs and Historical Connections in West Central Sardinia
Kathryn Whalen—The Home Network: X-ray Florescence and Geochemical Data of Post-Medieval Ceramics in Ulster
Charlene Murphy—Finding Millet in the Roman World

Poster Session ■ Canada, Alaska
Room: Atlantic Hall B  
Time: 10:30 AM - 12:30 PM  

Participants:  
148-a Jacob Earnshaw—Cultural Forests of the Southern Nuu-chah-nulth: Indigenous Bark Tending on Vancouver Island  
148-b Martina Steffen—Faunal Assemblages from Archaeological Levels at the Croxton Site in Alaska  
148-c Molly Prue—Dam It! Manipulating Water in the Tolovana Mining District, Alaska  
148-d Caitlin Holloway—An Archaeobotanical Analysis of the Upward Sun River Site, Central Alaska  
148-e Travis Jones, Todd Kristensen and Jeff Speakman—Western Canadian pXRF Obsidian Sourcing  
148-g Paige Hawthorne and Lori Phillips—Reaching Out: Public Archaeology at Washington State University  

149-a Paul Duffy, Julia Giblin, Györgyi Parditka and László Paja—Studying the Past with Fragments From the Fire: Student Research on an NSF-REU Field School  
149-b Györgyi Parditka, Paul Duffy, László Paja, Ádám Balázs and Justine Tynan—Rogue Utopians or Bumpkins on the Margin? Bronze Age Mortuary Customs in the Marshlands of the Great Hungarian Plain  
149-c Anna Szigeti, Virág Varga and Viktória Kiss—A Preliminary Analysis of the Metal Finds From Békés 103  
149-d Matthew Capece, Tucker Hlad and Jaime Ullinger—Analysis of Color and Fracture Patterns on Burned Bones from the Békés 103 Bronze Age Cemetery  
149-e Ashley Cercone and Mark Golitko—Ceramics Production and Trade across the Great Hungarian Plain: Chemical Analysis of Bronze Age Ceramics from Békés 103 in Eastern Hungary  
149-f Edward Bormann, Matthew Capece, László Paja and Julia Giblin—Munsell vs. Hounsfield? A Methodological Comparison in Assessing Cremation Temperatures of Human Bone  
149-g Kayla Pio and John Marston—Food Offerings and Feasting in Bronze Age Burial Contexts from the Körösfő Region, Hungary  
149-h Alana Acuff, Jaime Ullinger and László Paja—Analysis of Possible Anatomical Order in Microexcavated Bronze Age Funerary Urn Material from Hungary  
149-i Francisco Diaz—The szőlő of wrath: Hungarian Vineyards and Land Use in the 20th Century  
149-j Agata Kostrzewa and László Paja—Osteoarchaeological Assessment of Generalized Stress Indicators in Skeletons from the Táplé-Széntégládagerető Cemetery, Hungary  
149-k Pranavi Ramireddy, Jaime Ullinger and László Paja—Using Cremain Weight from a Bronze Age Cemetery in Eastern Hungary as an Indicator of Sex
149-1 Pawel Dziechciarz and Dylan Kelly—Geophysical Investigations at the Bronze Age Site of Békés 103 in Eastern Hungary
149-m Kalyan Chakraborty—A Virtual Documentation of Excavation through 3D Modeling: Is it Worth the Effort?

[150] GENERAL SESSION CENTRAL ASIAN ARCHAEOLOGY
Room: Northern Hemisphere Salon E1
Time: 10:45 AM - 11:30 AM
Chair: Steve Markofsky
Participants:
10:45 Ian Buvit, Karisa Terry, Steven Hackenberger, Irina Razgildeeva and Masami Izuho—The Middle Upper Paleolithic of the Transbaikal, Russia: Ice Age Humans in Southern Siberia
11:00 Steve Markofsky and Steven Markofsky—The Desert is Coming: A Multi-Proxy Approach to Investigating Late Holocene Human/Environmental Dynamics in the 'Oasis' Margins of Central Asia
11:15 Nicole Rose—Scaling Down: Kalmyk Steppe Pastoralist Strategies and Small-Scale Migration

[151] GENERAL SESSION ARCHAEOLOGY OF THE SOUTHERN PERUVIAN COAST
Room: Oceanic 7
Time: 10:45 AM - 12:00 PM
Chair: Sarah Kerchusky
Participants:
10:45 Sarah Kerchusky—Nasca-Wari Interaction and Imperial Expansion during the Middle Horizon: Excavations at Zorropata, Nasca, Peru
11:00 Rodrigo Javier Areche Espinola—Cambiando Roles, del centro administrativo al centro ceremonial. El Caso de Cerro Azul, Cañete
11:15 Geraldine Huertas Sánchez—¿Quiénes son los Huarco? Análisis de la cerámica tardía del valle de Cañete
11:30 Nina Castillo Sánchez—“Textileras”: Mujeres de prestigio o formalismo social
11:45 Grace Alexandrino Ocaña and Rosa María Varillas Palacios—Cerro de Oro Funerary Practices: Continuity and Change in two Funerary Bundles from the South Coast of Peru

[152] GENERAL SESSION ARCHAEOLOGY OF THE ISLES: BRITAIN AND IRELAND
Room: Oceanic 1
Time: 11:00 AM - 11:45 AM
Chair: Grant McCall
Participants:
11:00 Grant McCall—Mesolithic Stone Tools and the Organization of Technology at Kenure, Ireland
11:15 Sam Nixon and Simon Kaner—Global Perspectives on British Archaeology: ‘Engaging with East Anglian Archaeology through a Japanese Lens’
11:30 Jennifer Shaffer Foster—Folklore and Fairy Forts: Re-Use of Archaeological Landscapes in Ireland

[153] GENERAL SESSION MID-ATLANTIC ARCHAEOLOGY
Program of the 81st Annual Meeting

Friday Afternoon, April 8

Room: Australia 2
Time: 11:00 AM - 12:00 PM
Chair: Lindsay Bloch

Participants:
11:00 Erin Edwards and Anastasia Poulos—Dental Health of the Delmarva Adena–Hopewell Native American of Pig Point Site in Lothian, MD
11:15 Lindsay Bloch and Erik Bolling—Improving pXRF Estimates of Elemental Composition for Lead-Glazed Earthenware
11:30 Beverly Chiarulli—An Analysis of the Use of Quarries and Workshops by Late Prehistoric People In Western Pennsylvania
11:45 Jennifer Rankin and R. Michael Stewart—Paleoindian Archaeology in the Delaware Valley: Insights from the Snyder Site Complex in New Jersey

Friday Afternoon April 8, 2016

[154] SYMPOSIUM CERÁMICAS CEREMONIALES DE MESOAMÉRICA: FENÓMENOS DE CORTA DURACIÓN
Room: Oceanic 4
Time: 1:00 PM - 2:00 PM
Chairs: Luis Gomez-Gastelum and Arturo Pascual Soto

Participants:
1:00 Raúl Rocha García and Arturo Pascual Soto—Gobernantes y cerámicas ceremoniales del edificio de las columnas de el tajín
1:15 Alfonso Grave and Emmanuel Gómez—La cerámica Aztatlán de Sinaloa y Nayarit.
1:30 Luis Gomez-Gastelum—Cerámica atoyac inciso de la cuenca de sayula, jalisco. aproximaciones a su iconografía
1:45 Luis Gomez-Gastelum—Discussant

[155] GENERAL SESSION PLEISTOCENE-HOLOCENE TRANSITION ARCHAEOLOGY IN THE AMERICAN WEST
Room: Australia 2
Time: 1:00 PM - 2:30 PM
Chair: A. Dudley Gardner

Participants:
1:00 A. Dudley Gardner and William Gardner—A Comparison of Macro Botanical Materials Recovered from a Multi-Stratified Site in West Central Colorado: Dating from 200-13,000BP
1:15 Bretton Giles, Shannon Koerner and Eric Skov—Two Paleoarchaic Sites along Wind Creek in Riley County, Kansas
1:30 Robert Rowe—Mammoth and Mastodons....They are What's for Dinner
1:45 Edward Knell and Michael DeGiovine—Terminal Pleistocene-Early Holocene Lithic Raw Material Conveyance at Pluvial Lake Mojave and the Southern Conveyance Zone, Mojave Desert
2:00 William Jerrems—The Rise and Fall of the Great Basin Pleistocene Lakes and the Possible Influence on Early Paleoindian Inhabitants
2:15 Eva Hulse, John L. Fagan and Jason Cowan—Settlement and the Environment in the Northwestern Great Basin

[156] GENERAL SESSION ARCHAIC AND CERAMIC AGE CARIBBEAN ARCHAEOLOGY
Program of the 81st Annual Meeting

Friday Afternoon, April 8

Room: Northern Hemisphere Salon E1
Time: 1:00 PM - 2:45 PM
Chair: Jenny Riley

Participants:
1:00 Ángel Vega-deJesús—Use-wear Analysis of Flaked Stone Tools from the Cueva Ventana Site, Arecibo, Puerto Rico
1:15 Gizeh Rangel De Lázaro and Armando Rangel Rivero—Cuban Natives Cranial Deformation. The Implications to the Skull Vascular System
1:30 Armando Rangel Rivero—American Archaeological Expeditions to Cuba Related with Museo Antropológico Montané
1:45 Natasha Fernandez-Perez and Isabel Rivera-Collazo—Plants Used in the Indigenous Caribbean: A Database of Plants in Reference to the Archaeological Literature
2:00 Jenny Riley—Possible Evidence of Sloth Butchery: Results from a Faunal Analysis of Padre Nuestro Cavern, Dominican Republic
2:15 Jose Garay and Isabel Rivera-Collazo—Subsistence and the Resilience of Coastal Habitats in the Longue Durée
2:30 Matt OMansky and Thomas Delvaux—Excavations at the Fresh Lake site (SS-7), San Salvador Island, Bahamas

[157] ELECTRONIC SYMPOSIUM: HUMAN-ENVIRONMENTAL DYNAMICS ON THE ATLANTIC COAST OF NORTH AMERICA
Room: Oceanic 1
Time: 1:00 PM - 3:00 PM
Chairs: John Turck and Torben Rick

Participants:
Matthew Betts—Prehistoric Coastal Adaptations to the Northern Gulf Of Maine and its Watershed
Daria Merwin—Prehistoric Maritime Cultural Landscapes in the New York Bight
Victor Thompson—Human-Environmental Dynamics of the Georgia Coast
Traci Ardren—Traditional Ecological Knowledge of Coral Reef Small Islands: A History of Human Adaptation in the Florida Keys

[158] FORUM: PRESENTING THE ANCIENT MAYA IN 3D
Room: Oceanic 2
Time: 1:00 PM - 3:00 PM
Moderators: Heather McKillop and E. Cory Sills

Participants:
Timothy Hare—Discussant
Adrian Chase—Discussant
Jennifer Weber—Discussant
Brett Houk—Discussant
Eleanor Harrison-Buck—Discussant
Alexandre Tokovinine—Discussant
Heather McKillop—Discussant
E. Cory Sills—Discussant
Debra Walker—Discussant
Gabriel Wrobel—Discussant
Victoria Harrington—Discussant
[159] General Session: Early Human Activities in the Southeastern US  
Room: Asia 2  
Time: 1:00 PM - 3:00 PM  
Chair: C. Hemmings  

Participants:
1:00 Carolyn Dillian and Charles Bello—Charles Conrad Abbott and the Evolution of Humankind  
1:15 Margaret Jodry—Learning From Ancestors: A New Interpretation of an 11,100-year-old San Patrice Double Burial From Horn Shelter No. 2, Central Texas, U.S.A.  
1:30 James Gibb—Archaeological Considerations in the Study of the Anthropocene  
1:45 James Dunbar—The South-Eastern Warm Thermal Enclave and Perturbations of the Late Pleistocene  
2:00 Douglas Sain—Pre Clovis at Topper (38AL23): Evaluating the Role of Human versus Natural Agency in the Formation of Lithic Deposits from a Pleistocene Terrace in the American Southeast  
2:15 Jesse Tune—The Clovis-Cumberland-Dalton Succession: The Evolution of Behavioral Adaptations During the Pleistocene/Holocene Transition  
2:30 C. Hemmings, J. M. Adovasio, A. E. Marjenin, F. J. Vento and A. Vega—The Old Vero Man Site (8IR009): Current Investigations indicate a Late Pleistocene Human Occupation  
2:45 Albert Goodyear, I. Randolph Daniel, Jr., Christopher Moore and David Anderson—Paleoindian Responses at the Younger Dryas Boundary: A Case Study from the Carolinas

[160] Symposium: Primer of the Ancient Mariner: New Perspectives on aDNA Research and the Prehistoric Colonization of Islands  
Room: Oceanic 7  
Time: 1:00 PM - 3:15 PM  
Chairs: Jessica Stone and Scott Fitzpatrick  

Participants:
1:00 Lisa Matisoo-Smith—Welcome to My Nightmare - Ancient DNA from Pacific Islands  
1:15 Kirsten Ziesemer, Menno L.P. Hoogland, Corinne L. Hofman, Christina Warinner and Hannes Schroeder—Challenging Environments: Ancient DNA Research in the circum-Caribbean  
1:30 Courtney Hofman, Torben Rick, Sabrina Shirazi and Jesus Maldonado—Archaeogenomics and the Mammals of California’s Channel Islands  
1:45 Maria Nieves Colón, William J Pestle and Anne C Stone—Preliminary Ancient DNA Analysis Suggests a Complex Origins Scenario for Pre-contact Puerto Rican Populations  
2:00 Justin Tackney, Dennis H O’Rourke and Anne M Jensen—Sweet aDNA O’Mine: The Rise and Fall of Ice Sheets and the Arctic Peopling from Beringia  
2:15 Hannes Schroeder—Ancient Taino Genome Sheds New Light on the Peopling of the Caribbean  
2:30 Jessica Stone, Caroline Kisielinski, Justin Tackney and Scott Fitzpatrick—Ghost of the Navigator: Tracking Initial Human Population Dispersal to the Palauan Archipelago  
2:45 Juan Martinez-Cruzado, Juan Ortiz-Aguilu, Jennifer Raff, Andrés Príncipe and Maria Nieves-Colón—Ancient mtDNA: Both Amazonian and Andean Migrants in Western Puerto Rico by Late Saladooid Times  
3:00 Laura Weyrich, Keith Dobney and Alan Cooper—Insights from Neandertal Dental Calculus: Tracking Pacific Colonization Events using Ancient Bacteria
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<td>Michael Decker—Byzantine Archaeologies</td>
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<td>1:15</td>
<td>Diego Calaon—&quot;L'Isola che non c'è&quot;: Narratives about 8th Century Venice / Malamocco</td>
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<td>1:30</td>
<td>James Schryver—Crusader Archaeology at the Crossroads of the 21st Century</td>
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<td>1:45</td>
<td>Katelyn Bolhofner—Beyond Trauma and Disease: Examining the Growth and Potential of Bioarchaeological Research in Iberian Medieval Archaeology</td>
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<td>2:00</td>
<td>K. Patrick Fazioli—Trade, Technology, and Identity: Current Approaches to Pottery Studies in Late Antique and Early Medieval Europe</td>
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<td>Florin Curta—The Archaeology of Medieval Nomadism in Eastern Europe (10th-13th Centuries): The Current State of Research</td>
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<td>Matthew Delvaux—Globalizing Graves: Necklaces and Networks of Consumption during the Viking Age</td>
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<td>Davide Zori—Advances in Viking Archaeology: Aligning Data, Theory, and the Interdisciplinary Perspective</td>
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<td>Katherine French—A Multiscalar Approach to Medieval Animal Cerements: From Bone Microstructure to Multiregional Trends</td>
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<td>Aleksander Pluskowski—Between Radicalism and Tolerance: Characterising the Rule of a Militarised Christian Theocracy in the Medieval Baltic</td>
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<td>1:00</td>
<td>Fred Valdez—Maya Archaeology: Research &amp; Interpretations with Dr. Scarborough</td>
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<td>1:15</td>
<td>Barbara Fash, Jorge Ramos, Marc Wolff and William Fash—Sacred Water Mountains of the Copan Valley: A View from Rastrojón</td>
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<td>1:30</td>
<td>Joel Gunn—Three Tropical Thoughts: Vern Scarborough and the Migration to Tropical Ecology</td>
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<td>1:45</td>
<td>Arlen Chase and Diane Chase—Comparing Ancient Human-Nature Resolutions at Tikal, Guatemala and Caracol, Belize</td>
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<td>2:00</td>
<td>Wendy Ashmore—Upstream, Downstream, Sacred Worlds</td>
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<td>Questions and Answers</td>
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<td>2:45</td>
<td>David Lentz—Irrigation Systems and Other Forms of Intensive Agriculture at the Ancient Maya City of Tikal</td>
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<td>3:00</td>
<td>Nicholas Dunning, Jeffrey Brewer, Timothy Beach, Sheryl Luzzadder-Beach and Vernon Scarborough—Ancient Water Collection and Storage in the Elevated Interior Region of the Maya Lowlands</td>
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<td>3:15</td>
<td>Jennifer Chmilar—A Flow of Ideas: Water Management from an Aguada and into Wetlands</td>
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Friday Afternoon, April 8

[163] SYMPOSIUM: CERÁMICA SIN FRONTERAS: DEFINING CULTURAL PHENOMENA AT THE INTERSECTION OF HONDURAS, EL SALVADOR, AND NICARAGUA
Room: Northern Hemisphere Salon E4
Time: 1:00 PM - 3:30 PM
Chair: Clifford Brown

Participants:
1:00 Rosemary Joyce—Rethinking Ceramics as Evidence of Regional Interaction
1:15 Marie Kolbenstetter—The Lower Central American Influences on Honduran Polychromy
1:30 Elisa Fernández-León and Geoffrey McCafferty—Change and Continuity in the Greater Nicoya Region of Pacific Central America: A Comparison of Two Bagaces to Sapoa Transitional Areas
1:45 Larry Steinbrenner—“Nicoya Polychromes” Beyond Greater Nicoya
2:00 Geoffrey McCafferty and Shaelyn Rice—In Defense of Plainware Ceramics: Form, Function, and Foodways in Sapoa Period Pacific Nicaragua
2:15 Eva Martinez—Chichicaste Ceramics and Regional Interactions in Eastern Honduras
2:30 Kelsey Willis and Clifford Brown—The Ceramics of San Antonio, a Site on the Pacific Coastal Plain of Chinandega, Nicaragua
2:45 Ashley Gravlin Beman—Ceramics, Migrations and Ethnic Identity at the site of Cosmapa Oriental, Department of Chinandega, Nicaragua
3:00 Clifford Brown—Pottery of the Department of Chinandega, Nicaragua: Sequence, External Connections, Ethnicity, and Migration.
3:15 Questions and Answers

[164] GENERAL SESSION: FLORIDA ARCHAEOLOGY
Room: Southern Hemisphere Salon 1
Time: 1:00 PM - 3:30 PM
Chair: Jessica Cook

Participants:
1:00 Jessica Cook and Nathan Hale—Springs, Stone, and Shell: Recent Excavation at the Econfina Channel Site, a Submerged Archaic Site, Apalachicola Bay, Florida, U.S.A.
1:15 John Stauffer—Elucidating Fort Walton in Florida: Chronology and Mound Construction at the Lake Jackson Site
1:30 Paulette McFadden—Home Is Where the Past Is: The Role of Environmental and Social Factors in Pre-Columbian Settlement on the Northern Gulf Coast of Florida
1:45 Janice Campbell, Jennifer Wildt and Prentice Thomas—Strategic Factors in Middle and Late Woodland Settlement Patterns on East Peninsula, Tyndall Air Force Base, Bay County, Florida
2:00 Jeffrey Shanks—Midden, Mounds, and Mortuary Cults—Excavations at the Swift Creek and Weeden Island Byrd Hammock Site in Wakulla County, Florida
2:30 Emily Jane Murray and Keith Ashley—New Approach to the Shields Mound: Recent Testing of the North Side Ramp
2:45 Ian Pawn—Burial and kinship during the St. Johns: A Bioarchaeological study of the Ross Hammock site
3:00 Bruce Manzano and Carolyn Rock—Bone Tool Production and Use in the Interior of Southern Florida
3:15 Michele Loger—Searching for Shell Mounds in Southwest Florida: An Automated Approach
[165] SYMPOSIUM • CELEBRATING NHPA 50TH THE US FOREST SERVICE WAY - IT’S ALL ABOUT PARTNERSHIPS!
(Sponsored by US Forest Service)
Room: Oceanic 5
Time: 1:00 PM - 3:45 PM
Chair: Susan Stratton

Participants:
1:00 Douglas Stephens—Research, Relevance and Resources; Academic Partners on National Forests
1:15 Michael Hilton—Preserving Our Heritage and History: Maximizing Partnerships to Professionally Archive and Manage a Sizable Forest Service Historical Collection
1:30 Peter Pilles—Honanki and the Save America's Treasures Project: Partnerships in Preservation, Research, and Interpretation
1:45 William Reed—Partners, Passports, Parsimony, and Preservation
2:00 Susan Stratton—Innovation Equals Great Partners
2:15 Jeff Walker, Don Hann, Cathy Lindberg and Alicia Beat—Celebrating Partnerships and Investigating Historical Cultural Diversity in the Pacific Northwest Region of the US Forest Service
2:30 Melissa Twaroski—Celebrating Partnerships in Preservation: The Southern Region of the U.S. Forest Service and the 50th Anniversary of the National Historic Preservation Act
2:45 Velicia Bergstrom—Partnering Louisiana Style
3:00 Troy Ferone—Paying It Forward: Collaborative Heritage Stewardship in the Forest Service's Eastern Region
3:15 Keri Hicks—Fish Traps, Kayak Surveys, Culture Camps – NHPA in Alaska National Forests
3:30 Douglas Stephens—Discussant

[166] SYMPOSIUM • LONG-TERM SETTLEMENT DYNAMICS AND LAND USE ON THE MANI PENINSULA OF SOUTHERN GREECE
Room: Oceanic 3
Time: 1:00 PM - 3:45 PM
Chairs: William Parkinson and Chelsea Gardner

Participants:
1:00 William Parkinson, Anastasia Papathanasiou, Michael Galaty, Daniel Pullen and Giorgos Papathanassopoulos—The Diros Project: Multidisciplinary Investigations at Alepotrypa Cave and Ksagounaki Promontory, 2010-2015
1:15 Panagiotis Karkanas—Microstratigraphic Study of the Neolithic Alepotrypa Cave, Mani, Greece
1:30 Daniel Pullen—Measuring Ceramic Change and Variability at Final Neolithic Diros
1:45 Alkaterini Psoma—Ksagounaki, Diros: An Open Air Site of the Final Neolithic from the Viewpoint of Chipped Stone Tools
2:00 Danielle Riebe and Attila Gyucha—A Home Above the Bay: A Neolithic Domestic Structure on the Mani Peninsula
2:15 Julia Giblin and Anastasia Epitropou—Human mobility during the Greek Neolithic: A multi-isotope analysis of the burials from Alepotrypa Cave
2:30 Questions and Answers
2:45 William Ridge—Alepotrypa Cave and Regional Networks of Southern Greece
3:00 Michael Galaty—Collective Memory and the Mycenaeans: The Argolid,
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Friday Afternoon, April 8

Messenia, and the Mani Compared
3:15  Chelsea Gardner—Local Identity in the Mani Peninsula in Classical Antiquity
3:30  Rebecca Seifried—The Post-Medieval Settlements and Road Network of the Mani Peninsula, Greece

[167]  GENERAL SESSION  BRAZILIAN ARCHAEOLOGY AND ETHNOARCHAEOLOGY
Room: Asia 3  
Time: 1:00 PM - 3:30 PM  
Chair: Caroline Caromano  

Participants:
1:00  Mark Robinson—Dual Organisation and Mortuary Ritual: Architectural and Archaeobotanical Evidence for the Southern Proto-Je, Brazil and Argentina
1:15  Michael Haslam—Wild Capuchin Monkey Archaeology
1:30  Marcia Bezerra—Living Things: Fishermen, Archaeologists and Fish-Traps in Amazon, Brazil
1:45  Rosicler Silva, Julio Rubino de Rubin, Daniel Santos Correa, Sergia Meire da Silva and Jordana Batista Barbosa—New Perspective in the GO-CP04 Archaeological Site Goiás, Brazil.
2:00  Caroline Caromano and Rui Murrieta—Adding Fuel to the Fire: An Ethnoarchaeological study of Fire amongst the Asurini of Xingu, Brazilian Amazon
2:15  Jonas DeSouza, Mark Robinson, Jose Iriarte, Francis Mayle and Paulo DeBiasi—Understanding the Occupation History of Oversized Pit Houses in the Southern Brazilian Highlands: Bayesian Modelling and High Resolution Chronology of the Baggio 1 Site
2:30  Myrtle Shock—News from Unknown Parts of the Amazon, Interfluvial Sites Come to Light
2:45  Andrei Isnardis—Interaction through Time: Diachronical Composition of Rockart Panels in Central Brazil
3:00  Christopher Davis—Potential Paleoindian Quarry Site in Brazil's Lower Amazon
3:15  Francisco Antonio Pugliese—The Search for Places in Southwestern Archaeology: Ancient Landscape Building in the Madeira and Purus Basins and Long-Term Indigenous History

[168]  GENERAL SESSION  NEW APPROACHES IN SOUTHWESTERN ARCHAEOLOGY
Room: Asia 5  
Time: 1:00 PM - 3:45 PM  
Chair: Scott Ingram  

Participants:
1:00  Sean Dolan—Blue Birds and Black Glass: Traditions and Communities of Practice during the Coalition to Classic Period Transition on the Pajarito Plateau, New Mexico
1:15  Jim Railey—Radiocarbon Dates and Local Variation in Long-term Trends in Far Southeastern New Mexico
1:30  Neal Ackerly—Prehistoric Land Use in the Southern Tularosa Basin, New Mexico
1:45  Robert Hard, John R. Roney, A.C. MacWilliams, Mary Whisenhunt and Mark Willis—Early Agricultural Period Cerros de Trincheras on the Upper Gila River, Arizona
2:00  Cindy Sandoval, Enrique Chacon, Elsa Olimpia Palacios, Erika Rosales and Magdalena Garcia—Archaeological Project Pipeline Chihuahua-Durango (Preliminary Results)
2:15 Shelby Manney—Material as Behavior: The Role of Generative Information Mechanisms in Restricting and Aiding in Settlement Dynamics
2:30 Andrea Anderson and Tom Rocek—GIS Modeling of Agricultural Suitability in the Highlands of the Jornada Branch of the Mogollon Culture of southcentral New Mexico
2:45 Amy Warren, Lisa Sattenspiel, Alan C. Swedlund and George J. Gumerman, III—A Family of Five is Not the Same as One Household: The Effects of Disaggregation on Demographic Outcomes in Archaeological Simulation Models
3:00 Scott Ingram—Collapse in the North American Southwest: A Comparative Study
3:15 Christina Chavez, Charles Frederick and Arlo McKee—Analysis and 3D Modeling of Pithouse Architecture during the Developmental-to-Coalition period Transition in the Albuquerque Basin
3:30 Christopher Goodmaster and Erin Helton—Paleolandscape Reconstruction and Modeling in the Lower Pecos River Valley

Room: Asia 1
Time: 1:00 PM - 4:00 PM
Chair: Veronica Perez Rodriguez

Participants:
1:00 Veronica Perez Rodriguez—Cerro Jazmín and its Urbanism in Context
1:15 Iziar Martínez Rojo and Verenice Heredia—From Second Tier to First Tier: Cerro Topoltepec in Light of New Research
1:30 Antonio Martínez Tufón—Construyendo Estatus. El urbanismo emergente visto desde una unidad doméstica de élite.
1:45 Mariana Navarro Rosales—Terraza 504, aproximaciones a su función y conformación dentro de Cerro Jazmín
2:00 Christian Medellín Martínez and Verónica Pérez Rodríguez—La producción lítica y su papel en la economía de Cerro Jazmín
2:15 Gabriela García Ayala—La Terraza 912, un espacio doméstico del Cerro Jazmín
2:30 Questions and Answers
2:45 Ricardo Higelin Ponce De Leon—Cultural Modification of Human Remains at Cerro Jazmín, Mixteca Alta
3:00 Gilberto Pérez-Roldán and M. Fabiola Torres-Estévez—El aprovechamiento del recurso faunístico en el Cerro Jazmín, Oaxaca.
3:15 Leah Minc, Jeremías Pink and Veronica Perez Rodriguez—Evaluating the Evidence for Ceramic Exchange with the Valley of Oaxaca during the Late to Terminal Formative
3:30 David Carballo—Discussant
3:45 Arthur Joyce—Discussant

[170] SYMPOSIUM PAPERS IN HONOR OF LAWRENCE GUY STRAUS
Room: Northern Hemisphere Salon C
Time: 1:00 PM - 4:00 PM
Chair: Lisa Fontes

Participants:
1:00 Geoffrey Clark—Lithics, Landscapes & la Longue-Durée—Curation as an Expression of Forager Mobility
1:15 Michael Petraglia—Climate Change and Out of Africa Dispersals
1:30 Kaoru Akoshima—Late Wurm Adaptive Systems in Tohoku Japan: Viewed from
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Friday Afternoon, April 8

Lithic Use-Wear Analysis
1:45  Nuno Bicho, João Marreiros, João Cascalheira and Mussa Raja—An Early Gravettian Point Cache from Vale Boi: Implications for the Arrival Of Anatomically Modern Humans to Southern Iberia

2:00  Jonathan Haws—Human Occupation of Lapa do Picareiro (Portugal) during the Last Glacial Maximum

2:15  Bradley Vieira—The Origins of Agriculture and Neolithic in the American Southwest: The View from Western Europe

2:30  Manuel Gonzalez-Morales—Lawrence Straus on Palaeolithic Art: How to Marry Art and Adaptation?

2:45  Rebecca Schwendler—Beers with Lawrence and Insights into Magdalenian Visual Display at El Mirón Cave

3:00  Lisa Fontes—Passage through a Palimpsest: Lower Magdalenian Lithic Manufacture and Maintenance Patterns in El Mirón Cave, Cantabria, Spain


3:30  C. L. Kieffer—The Impact of Lawrence Straus on Mesoamerican Cave Studies

3:45  Lawrence Straus—Discussant

[171] SYMPOSIUM  INEQUALITY FROM THE BOTTOM UP: MEASURING AND EXPLAINING HOUSEHOLD INEQUALITY IN ANTIQUITY
Room: Northern Hemisphere Salon A3
Time: 1:00 PM - 4:00 PM
Chairs: Tim Kohler and Michael Smith

Participants:
1:00  Tim Kohler and Katie Grundtisch—Gini Coefficients and the Measurement of Inequality: An Introduction

1:15  Anna Prentiss, Thomas Foor, Kristen Barnett and Matthew Walsh—Cooperation, Labor, Sharing, and Inequality in a Long-Lived Household, Bridge River Site, British Columbia

1:30  Amy Bogaard, Valasia Isaakidou, Erika Nitsch and Amy Styring—The Agroecology of Inequality: Novel Bioarchaeological Approaches to Early Urbanization in Western Asia and Europe

1:45  Nicholas Ames, Meredith Chesson, Ian Kuijt and Rahul Oka—Complex but Equal: Developing an Archaeological Inequality Index to Investigate Social Inequality at the Bronze Age III site of Numayra, Jordan

2:00  Questions and Answers

2:15  Aileen Betzenhauser—Measures of Inequality in the Mississippian Heartland

2:30  Matthew Pailes—Spatial and Temporal Variability in Hohokam Inequality

2:45  Ronald Faulset, Gary Feinman and Linda Nicholas—Wealth Inequality in the Late Classic Valley of Oaxaca: A Domestic Perspective

3:00  Timothy Dennehy, Jacqueline Fox and Michael Smith—Housing Inequality in Premodern Cities


3:30  Diane Chase—Discussant

3:45  Jose Lobo—Discussant

[172] SYMPOSIUM  COLOR, STRUCTURE AND MEANING IN ANCIENT ANDEAN FIBER ARTS
Room: Northern Hemisphere Salon A4
Time: 1:00 PM - 4:00 PM
Chairs: Sarah Baitzel and Gary Urton

Participants:
Participants:
1:00 Ann Peters—Color Patterns and Aspects of Significance in the Paracas Necropolis
1:15 Sarah Baitzel—Color, Structure, and Society in the Tiwanaku State
1:30 Susan Bergh—Dress Codes: Color Patterning in Wari Tapestry-Woven Tunics
1:45 Jeffrey Splitstoser—Color, Structure, and Meaning in Middle Horizon Khipus
2:00 Gary Urton—Color in Wari and Inka Khipus
2:15 Dennis Ogburn—Unraveling the Relationship between Color and Meaning of Cords in Matching and Related Inka Khipu
2:30 Colin McEwan—The Ties that Bind—Color, Structure and Meaning on Miniature Tupu Cords
2:45 Blenda Femenias—The Colors of the Coya's Robes
3:00 Elena Phipps—Nuance, Brilliance and Sheen: Textile Color Qualities in the Andean World
3:15 Rebecca Stone—“Color and Q'iwa: Expecting the Unexpected in Andean Textile Design”
3:30 Elodie Dupey—Discussant
3:45 Eulogio Guzmán—Discussant

[173] GENERAL SESSION • CHINA AND JAPAN
Room: Northern Hemisphere Salon E3
Time: 1:00 PM - 3:45 PM
Chair: Daniel Kwan
Participants:
1:00 Hiroto Takamiya, Hitoshi Yonenobu, Taiji Kurozumi and Takeji Toizumi—Prehistoric Human Impacts to Islands of Amami and Okinawa, Japan
1:15 Yoko Nishimura—The 'Ritualization' of Comma-Shaped Magatama Beads from the Jōmon to Yayoi Periods in Japan
1:30 Yasuyuki Yoshida—The Prehistoric Jomon and Ideological Conflict in Contemporary Japan
1:45 Francis Allard—Out of Sight and Out of Mind? The Non-Funerary Burial of Objects in Early Southeast China
2:00 Daniel Kwan and Leping Jiang—An Overview of Technological Changes in the Pottery of the Early Holocene Shangshan Culture, Zhejiang Province, China
2:15 Xiuzhen Li, Andrew Bevan, Marcos Martínón-Torres, Yin Xia and Kun Zhao—Who Made the China’s Terracotta Warriors and How?—Spatial Interpretation on Marking Evidence
2:30 WengCheong Lam, Jianrong Cong and Xingshan Lei—Formation of Iron Market System in the Capital Area of the Qin and Han Dynasties
2:45 Xiao Chen, Steffan Gordon and Zhuo Sun—Palaces and Power in Early China: Comparative Analysis between Shang and Zhou Elite Courtyard Complexes
3:00 Yuqi Li and Xin Wang—Bronze Age to Early Iron Age Pastoralist settlements in Xinjiang, China
3:15 Xiaohong Wu and Ofer Bar Yosef—The Chronology of Early Pottery in South China
3:30 Yanxi Wang—Landscape Variability and Regional Settlement Pattern of Shang's Periphery: From Regional Full-Coverage Surveys

[174] SYMPOSIUM • METHODOLOGICAL TOOL OR PARADIGM SHIFTER? ASSESSING THE STATUS OF GIS IN ARCHAEOLOGICAL RESEARCH
Room: Southern Hemisphere Salon 5
### Friday Afternoon, April 8

**Time:** 1:00 PM - 4:30 PM  
**Chairs:** Meghan Howey and Marieka Brouwer Burg

**Participants:**

1:00  
Meghan Howey—GIS Let Me See It: Building More Robust Models of Past Movement with Geospatial Modeling

1:15  
Marieka Brouwer Burg—It Must Be Right, GIS Told Me So! Questioning the Infallibility of GIS as a Methodological Tool

1:30  
Mark McCoy—Geospatial Big Data in Archaeology: Prospects, Problems, and How it will Shape the Future of Archaeology

1:45  
Robert Gustas, Kisha Supernant, Andrew Martindale, Bryn Letham and Kenneth Ames—Least Cost Analysis of Movement Events during the Early Holocene/Late Pleistocene on the Northwest Coast

2:00  
Eric Jones—GIS as Method or Theory: The Settlement Ecology of Middle-Range Societies in Southeastern North America, AD 1000-1600

2:15  
Questions and Answers

2:30  
Heather Richards-Rissetto—What does GIS + 3D Equal for Landscape Archaeology?

2:45  
Steven Wernke and Teddy Abel Traslaviña—A GIS of Movement and Sensory Experience at a Planned Colonial Town in Highland Peru

3:00  
Raymond Hunter and Steve Kosiba—Politics of Property: A GIS Analysis of the Shifting Value of Agricultural Land in Colonial Cusco

3:15  
Thomas Whitley—Rethinking Experimental Archaeology: GIS and Simulation as a Hypothesis-Testing Mechanism.

3:30  
Tiffany Earley-Spadoni—Light the Beacons! GIS Analysis of Fortress Inter-Visibility in Iron Age Armenia

3:45  
Gary Lock—Discussant

4:00  
John Kantner—Discussant

4:15  
Marcos Llobera—Discussant

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**Symposium: Rock Art and Sacred Spaces: Recent Approaches to the Study of Ritual Landscapes**

**Room:** Northern Hemisphere Salon D & DE Corridor  
**Time:** 1:00 PM - 4:45 PM  
**Chair:** Mark Wagner

**Participants:**

1:00  
Jan Simek and Alan Cressler—Landscapes of Mississippian Rock Art in the Southeast

1:15  
Johannes Loubser—Betwixt and Between: Petroglyph Boulders on Liminal Locations in the Southeastern Mountains

1:30  
Marsha Sims—“Selfies”: Culture Heroes Shown in Rock Art

1:45  
Russell Weisman—Marking Time and Place—Eclipse Representations in the Late Prehistoric Rock Art of the Central Mississippi River Valley

2:00  
Alex Ruuska—Shamanistic Rock Art Motifs: Dynamic and Emplaced Performances of the Sacred among the Gbiway

2:15  
Paola Dematte and Paola Demattè—Ritual Landscapes in Prehistoric China

2:30  
Sandra Olsen—Sacred Spaces vs. Public “Billboards” in Saudi Arabian Rock Art Placement

2:45  
Brigitte Faugere—The Scales of the Landscape in Tarascan Rock art of the Postclassic Period (AD 1200-1520): The Petroglyphs of El Paraiso, Zacapu, Michoacan (Mexico).

3:00  
Alejandro Figueroa—Mountain Doorways: Caves, Shelters, and Rock Art in Past and Present Southwestern Honduras

3:15  
Franz Scaramelli and Kay Scaramelli—Rock Art in the Construction of Social
Space in the Parguaza River, Venezuela
3:30 Julio Amador—Defining Sacredness of Rock Art Sites in the Sonoran Desert
3:45 Andres Troncoso—Animating Sacred Landscapes through Making Rock Art
4:00 Alice Tratebas—Landscape, Rock Art, and Ceremonial Game Drives
4:15 Karly Law, Ben Chiewphasa and Lorena Craig—Phylogenetic Approaches in Examining Western North American Rock Art: The Evolution of the Shield-Bearing Warrior Motif
4:30 Jewel Gentry and Donna L. Gillette—Marking the Sacred: Rock Art Images in an Unusual Context

SYMPOSIUM: NEW METHODS IN ZOOARCHAEOLOGY
(Sponsored by Zooarchaeology Interest Group)
Room: Southern Hemisphere Salon 4
Time: 1:00 PM - 5:00 PM
Chairs: Angela Perri and Sarah MacIntosh
Participants:
1:00 Pam Crabtree—Background to New Methods in Zooarchaeology: Identifying, Storing, and Recording Faunal Collections that will be Used by other Researchers
1:15 Sarah Whitcher Kansa and Eric C. Kansa—Questioning Data Standards in Zooarchaeology
1:30 Sarah Neusius and Bonnie Styles—Faunal Database Preservation and Collaborative Zooarchaeology by the Eastern Archaic Faunal Working Group
1:45 Martin Welker, Jonathan Burns, Jennifer Haney and Sarah McClure—A Database Approach to Historic Military Provisioning
2:00 Rick Cantrill—Pest, Prey or Domesticate: Odocoileus virginianus in the Maya World
2:15 Erik Otárola-Castillo, Max Price and Jesse Wolfhagen—Zooarch, A Statistical Package for Zooarchaeologists
2:30 Jesse Wolfhagen—Age and Sex Composition of Zooarchaeological Measurements via Bayesian Mixture Models
2:45 Luc Doyon—Morphometric Analysis of Aurignacian Bone, Antler and Ivory Projectile Points
3:00 Amanda Burtt, Alex Badillo, Lindsey Kitchell and Gary Motz—Identifying Canid Tooth Modification: A Side-by-side Comparison of 3D Imaging Techniques
3:30 Silvia Valenzuela-Lamas—Urbanisation and Animal Husbandry in Ancient Western Europe: How Territoriality Affects Negatively Husbandry Productivity
3:45 Melanie Beasley, Ian Orland, John Valley and Margaret Schoeninger—SIMS reveals Diagenesis and Seasonal Paleoprecipitation: A New Method for Reconstructing Past Environments
4:00 Alan Outram—Integrating Lipid Residue Analysis into Zooarchaeological Research
4:15 Vivian Scheinsohn, Pablo Marcelo Fernández, Mercedes Grisel Fernández, Florencia Garrone and Mercedes Salado—Taxonomical Identification by Cytochrome b: A Patagonian Case
4:30 Christian Gates St-Pierre, Krista McGrath, Keri ROWSSELL and Matthew Collins—The Identification of Archaeological Bone through Non-Destructive ZooMS: The Example of Iroquoian Bone Projectile Points
4:45 Anna Linderholm, Arden Hulme-Beaman, Allowen Evin, Keith Dobney and Greger Larson—Deciphering Dog Domestication: A Combined Ancient DNA and
Friday Afternoon, April 8

Geometric Morphometric Approach

[177] SYMPOSIUM: FIRE, FOOD, FARMS, AND FORTIFICATIONS: RECENT ADVANCES IN THE ARCHAEOLOGY OF AFRICA
(Sponsored by Society of Africanist Archaeologists)
Room: Australia 3
Time: 1:00 PM - 5:00 PM
Chairs: Amanda Logan and Adrianne Daggett

Participants:
1:00 Sarah Hlubik, Francesco Berna, Russel Cutts, David Braun and JWK Harris—Identifying fire in Early Stone Age: A Study of Site FxJi20 AB, Koobi Fora, Kenya
1:15 Kathryn Ranhorn, David Braun, Christian Tryon and Alison Brooks—Late Pleistocene lithic Technological Patterns in East Africa
1:30 Justin Pargeter—Cinciliths: A New Term Describing Systematic Small-Unretouched Tool Production
1:45 Teresa Steele, Esteban Álvarez-Fernández, Emily Hallett-Desguez, Mohamed El-Hajraoui and Harold Dibble—Coastal Marine Resource Exploitation during the Late Pleistocene at Contrebandiers Cave (Temara, Morocco)
2:00 Kimball Banks, J. Signe Snortland, Linda Scott Cummings, Donatella Usai and Maria Gatto—Ye Olde Fishing Hole: A Late Paleolithic Fishing Camp, Wadi Kubbaniya, Egypt
2:15 Teresa Wriston and Gary Haynes—Late Holocene Foraging and Early Farming in Northwestern Zimbabwe: Excavations and Analysis of Rock Shelters and an Open-Air Village Site
2:30 Frank Winchell, Chris Stevens, Charlene Murphy, Louis Champion and Dorian Fuller—Cereals and Ceramics: Another Look at the Late Neolithic Development of the Butana Group in Eastern Sudan during the 4th Millennium BC
2:45 Philippa Ryan—Cereals and Agricultural Risk Management in Northern Sudan, Past and Present
3:00 Questions and Answers
3:15 Willeke Wendrich, Rachel Moy and Hans Barnard—Rescue Excavations at Mai Adrasha (Ethiopia)
3:30 Scott MacEachern and David Wright—Fieldwork on Iron Age Sites of the Benoué Valley, Cameroon, in 2014
3:45 J. Cameron Monroe—"More Field than Habitation, and Far More Fallow than Field": Settlement Patterns, Farming Practices, and Demographic Change on the Abomey Plateau, Republic of Bénin
4:00 Cameron Gokee and Matthew Kroot—Relocate, Aggregate, or Fortify?: Exploring Local Responses to Atlantic Era Entanglement in Southeastern Senegal
4:15 Ann Stahl and Amanda Logan—Scaling Food Practices: Contextual Comparison of Animal and Plant Remains from Banda, Ghana, during the Early Atlantic Era
4:30 Melissa Goodman Elgar and Amanda Logan—Earthen Dwellings from Banda, Ghana: Geoarchaeological Analyses of Archaeological and Modern Structures
4:45 Aribidesi Usman—A Report of Recent Excavation at Okete-Kakini Palace Precinct, Idah, Niger-Benue Confluence, Nigeria

[178] SYMPOSIUM: OLMEC, CHAVIN, AND THINGS IN BETWEEN: A COMPARATIVE APPROACH TO EMERGENT COMPLEX SOCIETIES
Room: Southern Hemisphere Salon 3
Time: 1:00 PM - 5:00 PM
Chair: Jeffrey Dobereiner
Participants:
1:00  Jeffrey Dobereiner—Are Two Heads Still Better than One? Considering a Unified Origin for American Social Complexity
1:15  Mark Aldenderfer—Early Expressions of Persistent Leadership and Inequality in the Andean Preceramic
1:30  Takeshi Inomata—The Development of Sedentary Communities in the Maya Lowlands in a Comparative Perspective
1:45  James Zuidier—Configuring Space in a Valdivia Town: Social Precepts, Cosmological Mandates, and Emergent Hierarchy in Early Formative Ecuador
2:00  Barbara Arroyo—Early Ceramics, Human Mobility, and Interaction: Original Developments Of The Pacific Coast In Connection With South America
2:15  Francisco Valdez—Early Complexity in the Upper Amazon: The Mayo Chinchipe-Marañón
2:30  Deborah Nichols and Wesley Stoner—Before Teotihuacan: The Origins of Complex Society in the Northeast Basin of Mexico
2:45  John Janusek—Formative Urbanism in the Andean Lake Titicaca Basin
3:00  Rebecca Gonzalez Lauck—On the Question of Olmec Architecture and Sculpture Beyond the Gulf Coast
3:15  John Rick—Brothers of Invention: Comparing Trends in Innovation in the New World Formative
3:30  Michael Blake—Eating and Drinking Maize: Diverging Roles for a Staple Crop in the Formative Americas
3:45  John Hoopes—Absolute Chronology of the Early Formative Revisited: Bayesian Analysis, Radiocarbon Chronology, and the Emergence of Pottery in the Americas
4:00  Richard Lesure, Greg Schachner, Kate Bishop, Brittany Jackson and Reuven Sinensky—The Scale of Formative Transitions in the Americas: Inferences Based on the Texture and Timing of Demographic Changes
4:15  Lane Fargher—Power in Middle Range Societies: A Cross-Cultural Perspective
4:30  David Brown—Discussant
4:45  Miriam Stark—Discussant

[179]  GENERAL SESSION: CRAFT PRODUCTION AND EXCHANGE IN MESOAMERICA
Room: Northern Hemisphere Salon E2
Time: 1:00 PM - 5:00 PM
Chair: Lucas Martindale Johnson

Participants:
1:00  Lucas Martindale Johnson and Lisa M. Johnson—A Materialist Perspective on Ancient Maya Flaked Stone Technology: Chert Blade-Core Artifacts from Caracol, Belize
1:15  Marc Marino, Nathan Meissner and Lucas Martindale Johnson—Source Variability and Technological Variation of Domestic Lithic Production at Santa Rita Corozal, Belize, during the Late Postclassic Period
1:30  Mayya Azarova—Belizean Jade: Why Such a Rich Periphery?
1:45  Kelsey Sullivan and Jaime J. Awe—Ancient Maya Craft Specialization in the Belize Valley
2:00  Joshua Kwoa and Alyce de Carteret—Debitage and Diminutive Domiciles: Late-Terminal Classic Lithic Production, Consumption, and Raw Material Availability at El Zotz, Guatemala
2:30  Emilian Melgar and Emiliano Gallaga—The Blue Stones from Chiapa De Corzo: Mineralogical Identification and Manufacture
Friday Afternoon, April 8

2:45  Jeffrey Blomster and Victor E. Salazar—Production, Consumption, and Multicrafting in the Formative Mixteca Alta, Mexico

3:00  Mari Carmen Serra Puche, Aurelio López Corral and Alonso Gabriel Vicencio Castellanos—Changes in Obsidian Supply during the Classic to Postclassic Transition in Prehispanic Puebla-Tlaxcala

3:15  Daniel Pierce—Finding Class from the Glass: Obsidian Source as a Costly Signal

3:30  Katrina Kosyk—Notes from the Past: Identifying Communities of Practice within Musical Gestures and Production Techniques of Pre-Columbian Greater Nicoya Aerophones from the Tempisque Period (500 B.C.–A.D. 300)

3:45  Aurelio Lopez Corral, Mari Carmen Serra Puche and Gabriel Vicencio Castellanos—Changes in Obsidian Supply during the Classic to Postclassic Transition in Prehispanic Puebla-Tlaxcala

4:00  William Folan, Joel Gunn and Ma. del Rosario Dominguez—Calakmul, Campeche: Its Comings and Goings in a Market Economy

4:15  Paulina Poot, Javier Rivas Romero and William J. Folan—The Peten Campechano: A Functional and Socioeconomic Analysis of its Settlement Patterns

4:30  Jeanne Lopiparo—Making and Breaking: Domestic Craft Production, Fragmentation, and Enchainment at Classic Period Chinikihá, Mexico and Currusté, Honduras

4:45  Nezahualcoyotl Xiuhtecutli and Aurelio Lopez Corral—Plaza, Trade, and Politics in Postclassic Tlaxcallan

[180]  POSTER SESSION ■ EAST AND SOUTHEAST ASIA
Room: Atlantic Hall B
Time: 1:30 PM - 3:30 PM

Participants:

180-a  Xiangqun Wu, Xu Zhang and Hong Zhu—The Health and Nutritional Condition Research on the Skeletal Human Remains from Dabaoshan in Inner Mongolia, China

180-b  Katherine Brunson, Zhipeng Li and Rowan Flad—The Oracle Bone Project: Tracing the Spread and Development of Oracle Bone Divination in Ancient China

180-c  Chiha Wu—The Projectile Points at the Wansan Site, Neolithic Taiwan

180-d  Qun Zhang, Quanchao Zhang, Xiaofang Gao, Tao Han and Hong Zhu—Cultural Exchanges along the Ancient Silk Road—A Case of Cranial Trepanation from the Early Iron Age in Xinjiang, China

180-e  Areerut Patnukao—Spatial Analysis of the Dharmaflakras Distribution Associated with the Dvaravati Period, Thailand

180-f  Christopher Morgan, Loukas Barton and Bayarsaikhan Jamsranjav—Paleoenvironment and the Hunter-Herder Transition in Northwestern Mongolia

180-g  Michael Price, Christopher Jazwa, Douglas Bird and Rebecca Bliege Bird—A Field Processing Model that Accounts for the Cost of Home Labor

180-h  Richard Ciolek-Torello, Michael Heilen, Jeffrey Homburg, Amrutavishnu Chunag and Gunchisuren Byamba—Modeling Archaeological Site Location in Northern Mongolia: The Northern Railways Archaeological Project

180-i  Zeng Wen, Yongsheng Zhao, Hong Zhu and Jiawei Li—Genetic Structure of Ancient Population of the Early Bronze Age Qijia Culture and Genetic Contribution Present-Day Chinese

180-j  Wen Yin (Elaine) Cheng—Raw Material Sources of Bronze Vessel Production during the Shang and Zhou Dynasties

180-k  Wugan Luo, Qihuang Yang, William D. Gilstrap and Michael D. Glascock—INAA and LA-ICP-MS Analysis of Painted Pottery from the Central Area of Yangshao
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Friday Afternoon, April 8

Culture (ca. 5000-7000 BP), Northwest China
Puheng Nan, Wugan Luo, Virginie Renson, Michael D. Glascock and Wei Qian—
Lead Isotope Study of the Jin State Bronze Artifacts from Wayaopo Site, Shanxi
Province, Northwest China

Loukas Barton, Christopher Morgan and Bayarsaikhan Jamsranjav—Stone Tool
Typology and Chronology from Late Pleistocene to Middle Holocene Northwest
Mongolia

Poster Session • African Archaeology
Room: Atlantic Hall B
Time: 1:30 PM - 3:30 PM

Participants:

181-a James McGrath—Ochre in the Desert: Preliminary Sourcing and Colorimetric
Results from Two Stone Age Sites in the central Namib Desert

181-b Sarah Himes, Maryse Beimat, Fikremariam Sissay, David Patterson and David
Braun—Landscape Stability and Paleoeconomy at East Turkana, Northern Kenya:
A Spatial and Temporal Analysis of Paleosol Gross Morphology and stable
Carbon Isotopes during the Upper Burgi, KBS, and Okote Members (2-1.4 Ma)

181-c Chloe Daniel, Shelby Putt and Robert Francis—Investigating Other Causes
for Stone Flake Features Attributed to Handedness

181-d Daniel Peart, Sara Watson, Hannah Keller and Naomi Cleghorn—Variation in
Site Use through Time: Find Distribution at Knydna Eastern Heads Cave 1,
(Western Cape, South Africa), from Marine Isotope Stage 3 through the Last
Glacial Maximum

181-e Jonathan Reeves, Jonathan Scott Reeves, Melissa Miller and David R. Braun—
Modeling the Formation of Lithic Surface Assemblages through the Application
of Aerial Photography And Photogrammetry

181-f Jennifer Keute—Chemical Analysis of Fatty Acid Residues on Archaeological
Pottery of Pastoralist Communities in Northern Tanzania

181-g Brian Clark—Ethiopia’s Peripatetic Royal Capitals and Prospects for Their Study

181-h Tommy Budd and Amanda Wissler—Testing Differential Frailty in a Nubian
Sample

181-i Margaret-Ashley Veall—Stuck like Glue: Case Studies in Assessing the
Variability of Hafting Adhesives during the Southern African Later Stone Age

181-j Ryan Szymanski—Landcover Change and Economic Change during the Iron
Age in Western Kenya

181-k Benjamin Smith—Barbed Bone Points: Ethnoarchaeological and Archaeological
Perspectives on Selective Fishing on the Shores of Lake Turkana

181-l Ella Beaudoin, Russell Cutts, David Braun and J.W.K. Harris—Evidence of Early
Fire? Spatial Patterning and Stratigraphic Anomalies at FxJj20Main-Extension-0

Poster Session • The Archaeology of Oceania
Room: Atlantic Hall B
Time: 1:30 PM - 3:30 PM

Participants:

182-a Justin Cramb—An Archaeological Pilot Study on Manihiki and Rakahanga, Two
Remote Atolls in East Polynesia

182-b John Swogger—Thinking Outside The Panel: Using comics to engage with
multiple audiences during archaeological field schools

182-c Christopher Jazwa, Michael Price and Douglas Bird—Archaeological
Implications for an Agent-Based Model of Subsistence Intensification in the
Western Desert of Australia
182-d Taylor Dodrill, Mila Lassuy, Nicholas Jew and Scott Fitzpatrick—Stable Oxygen Isotope Analyses and Paleoenvironmental Reconstructions from Mollusks in Palau, Micronesia

[183] **POSTER SESSION • CARIBBEAN ARCHAEOLOGY**
Room: Atlantic Hall B
Time: 1:30 PM - 3:30 PM

Participants:
183-a Veronica Velasquez, Carlos Salgado, Dolores Tenorio and Melanie Jiménez—Geochemical Analysis of Spanish-style Amphorae in the Mexican Caribbean
183-b Katelyn Schoenike, Olivia Navarro-Farr and Fox Georgia—Diverse Identities of Plantation Life: Midden excavation on Betty's Hope Plantation
183-c Jonathan Hanna and Michael Jessamy—Community Archaeology at the St. John’s River Site, Grenada
183-d Virginia Harvey, Mike Buckley, Phillip Manning, Victoria Egerton and Andrew Chamberlain—Mammal Species Diversity on Cayman Brac (Cayman Islands) via Collagen Fingerprinting
183-e Katie Simon, Christine Markussen and Cameron Monroe—Mapping Sans-Souci: Geophysical Survey at the Palace of Henry Christophe, Haiti

[184] **POSTER SESSION • EASTERN MEDITERRANEAN, CAUCASUS, NEAR EAST**
Room: Atlantic Hall B
Time: 1:30 PM - 3:30 PM

Participants:
184-a Alper Basiran and Cevdet Merih EREK—The Prehistoric Cultures in the Turkish Republic of Northern Cyprus
184-b Daniel Plekholov, Christopher H. Roosevelt and Christina M. Luke—Application of Architectural Energetics Models to the Iron Age Tumuli of Bin Tepe in Lydia, Western Turkey
184-c John Marston and Emily Ubik—Wheat and Barley Morphometrics: A New Method for Quantifying Ancient Cereal Varietals
184-d Rachel Cohen—Landscapes of Death and Burial in the South Caucasus: The Kurgans of Naxçivan, Azerbaijan
184-e Kathryn MacFarland—GIS Models of an Iron Age Central Eurasian Macro-scale Religious Landscape
184-f Jennifer Everhart—Cracking Concretions: Methods for removing Carbonate Encrustations from Faunal Remains
184-g Eric Hubbard, Olivia Navarro-Farr and Aaron Burke—Empire and Rebellion: Egyptian Imperialism and Insurgency in the Late Bronze Age Levant
184-h Kassi Bailey—The Town Mouse and the Country Mouse: Emergence of Pest-Host and Commensal Relationships at Aşıklı Höyük, Turkey
184-i Daniel Fallu and Justin Holcomb—The Role of Bronze Age People in the Post-Bronze Age Landscape: An Integrated Geoarchaeological Approach to Site Formation at Mycenae, Greece

[185] **POSTER SESSION • WESTERN CANADA, BRITISH COLUMBIA, NORTHWEST COAST**
Room: Atlantic Hall B
Time: 1:30 PM - 3:30 PM

Participants:
185-a Justin Junge and Shelby Anderson—Using GIS to Evaluate Models of Late
Holocene Settlement Patterns in Northwest Alaska
Robert Speakman, Sergey Slobodin and Jeffrey Rasic—Obsidian Sourcing in Western Beringia

185-c
Meghan Burchell, Natasha Leclerc and David Grant—Trace Elements in Archaeological Shells: Limits and Potential for Seasonality and Paleoclimate Studies

185-d
Emilia Tifental, Anna Marie Prentiss and Meradeth Snow—The Bridge River Dogs: A Comprehensive interpretation of aDNA and stable isotopes analysis obtained from dog remains

[186] FORUM ADDRESSING SEXUAL HARASSMENT AND ASSAULT IN ARCHAEOLOGY
(Sponsored by Women in Archaeology Interest Group)
Room: Oceanic 4
Time: 3:00 PM - 5:00 PM
Moderators: Meagan Thies and Ashley Jones
Participants:
Kristen Barnett—Discussant
Margaret Conkey—Discussant
Justin Jennings—Discussant
Maureen Meyers—Discussant
Dawn Rutecki—Discussant
Brenda Todd—Discussant

[187] SYMPOSIUM FORENSIC ARCHAEOLOGY
Room: Australia 2
Time: 3:00 PM - 5:00 PM
Chair: Kimberlee Moran
Participants:
3:00 Ann Marie Mires and Claire Gold—Being Found: A Fundamental Human Right
3:15 Paul Martin and Blair Tormey—To Dig or Not to Dig? A Case Study of Suspected Remains Buried under Concrete
3:30 Sharon Moses—Life Among the Tombstones: Forensics Crosses Paths with Hoodoo
3:45 Erin DuBois, Tony Waldron, Kate Bowers and Carolyn Rando—An Examination of the Spatial Distribution of the Tissue Fragments created during an Explosive Event
4:00 Ryan Seidemann and Christine Halling—Lessons Learned from the Courts: Forensic Archaeology and Anthropology in Recent United States Jurisprudence
4:15 Dana Kollmann—Bridging the Gap: Bringing Archaeology into the Forensic Forum
4:30 Martin McAllister and Brent Kober—The Value of Forensic Archaeology Training for All Law Enforcement Officers: A Case Example
4:45 Craig Goralski and Alexis Gray—Can We All Get Along? Bridging the Divide Between Forensic Anthropologists, Forensic Archaeologists, and Law Enforcement Personnel

[188] GENERAL SESSION LANDSCAPE, SETTLEMENT PATTERNS, AND ARCHITECTURE IN EUROPEAN ARCHAEOLOGY
Room: Oceanic 1
Time: 3:15 PM - 5:00 PM
Program of the 81st Annual Meeting

Friday Afternoon, April 8

Chair: Kevin Wiley
Participants:

3:15 Gary Shaffer—Transmission of Architectural Knowledge through Agricultural Practice
3:30 Caroline Von Nicolai—Long Distance Networks in Neolithic Europe
3:45 Zenobie Garrett—Dynamic Communities in Early Medieval Aquitaine: A GIS Analysis of Roman and Medieval Landscapes in the Vézère Valley, France
4:00 Aaron Pattee, Bernhard Höfle and Christian Seitz—Integrative 3D Recording Methods of Historic Architecture, Burg Hohenecken Castle from Southwest Germany
4:30 Kevin Wiley—Social Networks in the European Neolithic
4:45 Esmeralda Agolli—The Use of Space: Settlement Pattern during the Late Prehistory in the Lake of Small Prespa (Southeast Albania)

[189] GENERAL SESSION ■ ARCHAEOLOGY OF THE MEDITERRANEAN
Room: Oceanic 2
Time: 3:15 PM - 4:45 PM
Chair: Petra Vaiglova
Participants:

3:15 Alan Simmons—Why Colonize? A Case Study of the Early Neolithic Colonization of the Island Of Cyprus
3:30 Andrew Cabaniss and Kristen Mann—a Bayesian Framework for Combining Architectural Constraints and Artifact Assemblages in Domestic Spaces
3:45 Petra Vaiglova, Amy Bogaard, Panagiotis Karkanas and Maria Pappa—Preparing the Feast: Understanding the Nature of Agricultural Economy at Neolithic Makriyalos, Northern Greece, using Multiple Isotopes
4:00 Zuzana Chovanec and Sean Rafferty—Detecting Olive Oil and Other Mediterranean Plant Oils: Experimental Considerations in Differentiating Lipids in Ancient Residues
4:30 Emily Sussman and Megan Perry—Comparing Methodologies for Documenting Commingled and Fragmentary Human Remains

[190] GENERAL SESSION ■ CANADIAN ARCHAEOLOGY
Room: Asia 2
Time: 3:30 PM - 4:45 PM
Chair: Andrew Lints
Participants:

3:30 Andrew Lints, John Ives and Kristine Fedyniak—Little Pots, Big Implications: Analysis of Devils Lake Sourisford Ritual Pottery Vessels
3:45 Kisha Supernant—Mobility, Material Culture, and Metis Identity: A Comparison of 19th Century Wintering Camps in the Canadian West
4:00 Aaron Coons, Kisha Supernant and Terry Gibson—Remote Sensing at the Buffalo Lake Métis Wintering Site (FdPe-1): Follow-Up Results
4:15 Jessica Munkittrick, Alison Harris, Kelly-Anne Pike and Vaughan Grimes—“They are One with the Tides of the Sea”: Diets of Settlers and Sailors in Newfoundland during the 17th to 19th Centuries
4:30 John Campbell—Kaskisebook Tett L’nuk—People on the Edge of the Riverbank:
New Perspectives of the Transitional Archaic from the Annapolis River, Nova Scotia

[191] SYMPOSIUM ■ HERITAGE TOOLS FOR TACKLING CLIMATE CHANGE
Room: Northern Hemisphere Salon E1
Time: 3:30 PM - 5:00 PM
Chair: David Gadsby

Participants:
3:30 Pei-Lin Yu, Robert Kelly, Craig Lee, Ira Matt and John Murray—Climate Change, Archaeology, and Native Expertise: an Ice Patch Success Story
3:45 Sandra Pentney—Future Proofing Communities and Preserving Cultural Resources
4:00 Marcy Rockman and Marissa Morgan—The NPS Cultural Resources Climate Change Impacts Table
4:15 David Gadsby and Lindsey Cochran—Using Site Condition Data to Manage Heritage Sites for Climate Change Impacts
4:30 George Hambrecht, Ennis Barbery, Elizabeth van Dolah and Kevin Gibbons—International Efforts to Engage with Climate Based Threats to Cultural Heritage
4:45 Tom Dawson—Discussant

[192] SYMPOSIUM ■ CAPTIVITY AND SLAVERY IN VIKING AGE SCANDINAVIA
Room: Oceanic 7
Time: 3:45 PM - 5:00 PM
Chair: Ben Raffield

Participants:
3:45 Neil Price—Slavery and the Vikings: Archaeological Perspectives
4:00 Ben Raffield—Cross-cultural Comparative Approaches to Viking Slavery
4:15 Charlotte Hedenstierna-Jonson and Torun Zachrisson—Back and Forth along the Eastern Slave Route. Archaeological Traces of long-Distance Trafficking
4:30 Anna Kjellström—Slavery and the Subalter: Bioarchaeological Analyses of Viking Age Swedish Populations
4:45 Elise Naumann—Diet and Slavery in Viking Age Norway—the Potential of Isotope Analyses of Human Remains in Studies of Social Differences

[193] GENERAL SESSION ■ HISTORICAL ARCHAEOLOGY OF THE MIDWEST
Room: Asia 4
Time: 4:00 PM - 5:00 PM
Chair: James VanderVeen

Participants:
4:00 Douglas Kullen—Archaeological Signatures for Mechanized Threshing Operations in the Midwest and the Plains
4:15 James VanderVeen, Rebecca Gibson and Sabrina Lute—Founding Daughters and Wives: Looking For Women in a Male Dominated Artifact Assemblage
4:30 Patrick Finnigan and James VanderVeen—Historical and Archaeological Investigation into the "Triangle Land" in South Bend's West Washington District
4:45 Jessica Yann—British Era Trade in the Midwest
Saturday Morning, April 9

[194] **GENERAL SESSION ▶ CHACO ARCHAEOLOGY**  
**Room:** Southern Hemisphere Salon 2  
**Time:** 4:00 PM - 5:00 PM  
**Chair:** Hannah Mattson  

**Participants:**  
4:00 Kristin Safi and Andrew Duff—Exchange and Resource Procurement During the Chaco Era in the American Southwest  
4:15 Jennie Sturm—Using Ground-Penetrating Radar to Re-evaluate the Chetro Ketl Field Complex in Chaco Canyon, New Mexico  
4:30 Hannah Mattson—Directionality in Ceramic Vessel Construction and Ceremonial Circuitry in the Ancestral Pueblo World: A Case Study from Pueblo Bonito  
4:45 Paul Reed—Protecting Greater Chaco: Recent Efforts to Save a Fragile Cultural Landscape

Saturday Morning ▶ April 9, 2016

[195] **GENERAL SESSION ▶ MORTUARY PRACTICES IN THE ANCIENT SOUTHWEST**  
**Room:** Southern Hemisphere Salon 5  
**Time:** 8:00 AM - 9:00 AM  
**Chair:** Aaron Wright  

**Participants:**  
8:00 Jill Neitzel—His Life before He Died: Pueblo Bonito's Burial #14  
8:15 Aaron Wright and Will Russell—Home Bodies: An Examination of House Cremation among the Hohokam  
8:30 Francesca Neri—Cross-Cultural Examination of Mortuary Practices of the Southern Sinagua and Prescott Culture  
8:45 Meradeth Snow, Martha Gustafson and Kathy Gore—Kiva B Internments at the Mine Canyon Site, New Mexico: a Bioarchaeology and Ancient DNA Approach

[196] **GENERAL SESSION ▶ ARCHAEOLOGY OF THE LATE INTERMEDIATE PERIOD AND INKA OCCUPATION**  
**Room:** Northern Hemisphere Salon A4  
**Time:** 8:00 AM - 9:15 AM  
**Chair:** James Crandall  

**Participants:**  
8:00 Jordan Dalton—Chincha Farmers: Understanding Inca Expansion, Strategies, and Motivations at Las Huacas, Chincha Valley  
8:15 Marcio De Figueiredo—Symbolic Patterns of Northern Peruvian Coast Pottery in Inca Times  
8:30 Jameson Yong—I Am a Rock: A Comparison of Lithic Art and Artifacts from the Inca and Ychsma Cultures  
8:45 James Crandall—Household Practice and Spatial Fashioning in the Chachapoya Community of Puruullacta de Soloco  
9:00 William Pratt, David Brown and Ryan Hechler—Cochasquí under the Inka: Reassessing the Inka Presence in Northern Ecuador

[197] **GENERAL SESSION ▶ LANDSCAPE STUDIES**  
**Room:** Asia 5  
**Time:** 8:00 AM - 9:15 AM  
**Chair:** Adam Sutherland