Wednesday Evening ■ April 23, 2014

[1] OPENNING SESSION AND PRESIDENT’S FORUM ■ PUBLISHING ARCHAEOLOGY IN THE 21ST CENTURY
(Sponsored by President)
Room: Ballroom D (ACC)
Time: 6:30 PM - 8:30 PM
Organizers: Suzanne Fish and Deborah Nichols
Moderator: Jeffrey Altschul

Participants:
Kenneth Ames—Discussant
Christine Szuter—Discussant
Michael Smith—Discussant
Sarah Kansa—Discussant
John Yellen—Discussant
Sarah Herr—Discussant
Mark Aldenderfer—Discussant
Christopher Pool—Discussant

Thursday Morning ■ April 24, 2014

[2] GENERAL SESSION ■ INTERACTION NETWORKS IN THE AMERICAN SOUTHWEST
Room: 11AB (ACC)
Time: 8:00 AM - 9:00 AM
Chair: Erin Smith

Participants:
8:00 David Lewandowski—Examining the Social Networks During the Pit house-to-Pueblo Transition in the Mogollon Highlands
8:15 Travis Cureton—Cohonina Forts and Line-of-sight Networks
8:30 Karen Harry—Changing Subsistence and Interaction Patterns in the Mt. Dellenbaugh Region of the Shivwits Plateau, Northern Arizona
8:45 Erin Smith and Mikael Fauvelle—A Western Subset of the North American Oikoumene: Regional Interaction between California and the Southwest

Room: 18C (ACC)
Time: 8:00 AM - 9:15 AM
Chairs: Alyce De Carteret and Katharine Lukach

Participants:
8:00 Jeffrey Dobereiner—Caught by the Coiffure! Subordination, Ceremony and the Significance of Hair Among the Classic Maya
8:15 Nicholas Carter and Alyce De Carteret—Tuupaj: Ancient Maya Ear and Nose Ornaments as Artifacts and Signs
8:30 Katharine Lukach—Uuhaj: Material and Representational Aspects of Ancient Maya Neck and Pectoral Ornaments
8:45 Franco Rossi—All About Xanab: Understanding Ancient Maya footwear
9:00 Alyce De Carteret—Discussant
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[4] GENERAL SESSION ■ LATER PREHISTORY IN AFRICA
Room: 17A (ACC)
Time: 8:00 AM - 9:15 AM
Chair: Laurie Nixon-Darcus

Participants:
8:00  Kirsten Atwood—Iron Age Cuisine at Bosutswe, Botswana: Food and Inequality
8:15  Alexander Antonites—Political and Economic Interactions in the Hinterland of the Mapungubwe Polity, c. AD 1200-1300, South Africa
8:30  Andrew Gurstelle—Ceramic Styles and Regional Interaction in the Savè Hills, Bénin
8:45  Laurie Nixon-Darcus and A.Catherine D'Andrea—Grinding to Sustain Life: An Ethnoarchaeological Approach to Grinding Equipment Use in northern Ethiopia
9:00  Loretta Dibble—Fishing and Land Use: What studies of fishing technology and topography can tell us about pre-historic land use

[5] GENERAL SESSION ■ MEDITERRANEAN BRONZE AGE
Room: 10A (ACC)
Time: 8:00 AM - 9:15 AM
Chair: Walter Crist

Participants:
8:00  Kevin Fisher—Differing Trajectories of Urbanism on Late Bronze Age Cyprus
8:15  Natalie Abell and Eugenia Gorogianni—Industry and Interaction: Craft Producers as Agents of Culture Change in Bronze Age Ayia Irini, Kea, Greece
8:30  Francesca Cadeddu—Settlement strategies and socio-political organization: a methodological approach to the case study of the Sardinian Bronze Age
8:45  Peter Day, Eleftheria Kardamaki, Aikaterini Demakopoulou, Joseph Maran and Alkestis Papadimitriou—Transport Jars and Commodity Exchange in the Mycenaean World: Tiryns and Midea
9:00  Walter Crist—Games of Thrones: Board Games and Social Complexity in Bronze Age Cyprus

[6] GENERAL SESSION ■ SOUTH AMERICA
Room: 13AB (ACC)
Time: 8:00 AM - 9:30 AM
Chair: Rosicler Silva

Participants:
8:00  Wm. Haas—Residential Mobility, Site-Size Variation, and Archaic Foragers of the Altiplano
8:15  María Álvarez, María Gutiérrez and Cristian Kaufmann—The Role of Hog-nosed Skunk in the Subsistence of Hunter-Gatherers of the Pampean Region of Argentina
8:45  Weston McCool and Bradley Parker—Household Maize Beer Production in the Andes: An Ethnoarchaeological Investigation
9:00  Rosicler Silva and Julio Rubin—Archaeological Sites, Natural Processes, Anthropic Activity and Conservation of the Central Plateau of Brazil
9:15  Gerson Levi Lazzaris and Erika Marion Robrah-González—Management of urban and archaeological settings: a case study of the Port of Rio de Janeiro, Brazil
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[7] GENERAL SESSION ■ NATIVE AMERICAN LAND USE IN THE AMERICAN SOUTHWEST
Room: 9B (ACC)
Time: 8:00 AM - 9:30 AM
Chair: E Adams

Participants:
8:00 Stacey Jordan—The Emerging Archaeology of Ford Dry Lake: Recent Results from California’s Chuckwalla Valley
8:15 Jesse Murrell and Cassandra Keyes—Archaic Land Use of the Taos Plateau and Rio Grande del Norte, New Mexico
8:30 Jim Railey—Long-term Trends in Far Southeastern New Mexico: Zooming In and Out
8:45 E Adams and Samantha Fladd—Preceramic Migration and Landscape Formation along Lower Chevelon Canyon, Northeastern Arizona
9:00 Christopher Crews—Cultural Changes in the Piedre Lumbre Valley, NM during the Developmental-Coalition Transition
9:15 Wendy Sutton—Imaging a Prehistoric Landscape: Water Management at Chimney Rock, a Pueblo II Settlement in Southwest Colorado

[8] SYMPOSIUM ■ ADVANCES IN THE INVESTIGATION OF PRE-COLUMBIAN GUERRERO AND OAXACA, MEXICO
Room: 8B (ACC)
Time: 8:00 AM - 9:45 AM
Chairs: Cinthya Vidal and Israel Roman Ramos

Participants:
8:00 Guy Hepp—La Consentida and Initial Early Formative Period Social Organization on the Pacific Coast of Oaxaca, Mexico
8:15 Victoria Menchaca and Sarah Barber—Ballcourts, Ceremonial Centers, and Trade Routes in the Manialtepec Basin of Oaxaca’s Central Coast
8:30 Israel Roman Ramos—The Beginning of a Long Journey: Archaeology and Cultural Heritage Promotion Along the Southeast Coast of Guerrero, Mexico
8:45 Israel Hinojosa-Balino and Gerardo Gutierrez—Archaeological Settlement Patterns in the Province of Tlapa, Guerrero
9:00 Angel Rivera—Una introducción al estudio de los monumentos grabados de Cerro de la Tortuga, costa de Oaxaca.
9:15 Jeffrey Brzezinski, Arthur Joyce and Sarah Barber—The Construction and Use of Public Space at Cerro de la Virgen, Oaxaca, Mexico
9:30 Juan Sereno-Uribe—Discussant

[9] FORUM ■ MAYA ARTISTS AND THEIR AUDIENCES
Room: 8A (ACC)
Time: 8:00 AM - 10:00 AM
Moderator: Michael Carrasco

Participants:
Maline Werness-Rude—Discussant
Mary Katherine Scott—Discussant
Kaylee Spencer—Discussant

[10] POSTER SESSION ■ COMPOSITIONAL ANALYSES AND SOURCING STUDIES IN ARCHAEOLOGY
Room: Ballroom F (ACC)
Time: 8:00 AM - 10:00 AM
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Participants:

10-a Alice Hunt and Robert Speakman—Protocol for the analysis of archaeological ceramics and sediments by pXRF
10-b Jacob Adams and Sam Coffman—Testing the Accuracy of Minimum Analytical Nodule Analysis (MANA) Using PXRF: An Experimetnal Approach
10-c Signe Valentine, Matthew C. Sanger and Anna M. Semon—Large-scale pXRF survey of archaeological ceramics from the American Southeast
10-d Chris Young—TRAVELIN’ RHYOLITE: SOURCING LITHIC RAW MATERIAL IN RELATION TO THE JOHANNES KOLB ARCHAEOLOGICAL SITE (38DA75)
10-e Anne Parfitt and Patrick McCutcheon—Chemical Sourcing of Obsidian Lithic Fragments from the Grissom Site (45KT301) to Study Intra-site and Inter-site Source Variability
10-f Cody Dalpra, Carol Delher, Molly Boeka Cannon and Bonnie Pitblado—Petrographic Analysis for Quartzite Sourcing in the Gunnison Basin, Colorado
10-g Shilo Bender—Costs and Strategies of Obsidian Procurement in the Southwest Borderlands
10-h Stephanie Mack—Sizing Up: Chert Cobble Bed Sourcing within the Petrified Forest National Park
10-i Sachiko Sakai—Luminescence Dating and Chronological Reconstructions in the Arizona Strip and Adjacent Areas in the American Southwest
10-j Lindsey Komes and Winifred Creamer—LA-ICP-MS analysis of clay and ceramics from San Marcos Pueblo
10-k Khori Newlander—Comparing Compositionial Data Acquired by pXRF and LA-ICP-MS for Cherts in Eastern Nevada
10-l Ying Lin, Khori Newlander, Nathan Goodale and David Bailey—Chert and Obsidian Calibrations for pXRF Based on National and International Standards
10-m David Cranford—Analyzing 18th century Catawba pottery and a lead glazed sherd using portable X-ray fluorescence (pXRF)
10-n Heather Walder and Laure Dussubieux—Identifying American native and European smelted coppers with pXRF: a case study of artifacts from the Upper Great Lakes region
10-o Rebecca Wiewel—Protohistoric Community Formation in the Central Arkansas River Valley: The Use of Compositional Analysis to Identify Regional Interaction
10-p Dora Lambert—ICP-MS Analysis of Sediment for Sourcing Ceramic Sherds in Shkodër region of Northern Albania

Room: Ballroom F (ACC)
Time: 8:00 AM - 10:00 AM

Participants:

11-a Hans Barnard, Augusto Cardona Rosas and Maria Lozada—The Ramada Ceramic Tradition in the Vitor Valley (Arequipa, Peru) around 850 CE
11-b Fernando Franchetti and Nuria Sugrañes—Pots in Northern Patagonia: Design Characteristics, Functionality and Variability
11-c Valentina Martinez and Carmen Sanchez—Ceramic Technological traditions in coastal Ecuador
11-d Anna Mazin, Olivia Navarro-Farr and P. Nick Kardulias—Gendering Ceramic Production in Hohokam Society
11-e Claire Barker—Corrugated Pottery and Communities of Practice
11-f Alison Livesay—Black, White, and Red All Over: Mimbres Oxidized Ceramics
11-g Neill Wallis, Thomas Pluckhahn, Ann Cordell and Michael Glascock—Understanding Woodland Period Social Interactions through Integrated Analyses of Pottery
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11-h Karen Smith and Vernon J. Knight—Swift Creek Design Elements and their Layouts
11-i Rachel Briggs—Nixtamalization in the Prehistoric Southeastern United States
11-j Jeanette Harlow, Elizabeth Niespolo, Sachiko Sakai and Carl Lipo—Thermal Properties and Functional Advantages of Olivine-Tempered Moapa Ware: a Comparative Study
11-k Vincent Warner—It’s About Time: Using Relative Dating and Seriation to Identify Trends in Northeastern Missouri Late Woodland Pottery Decoration.
11-l Sarah ODonnell—Investigating Ozarks Marginality: A Study of Late Prehistoric Ceramics from the Northern Ozark Highland of Missouri

[12] POSTER SESSION ■ LIFE, DEATH, DIET, AND DISEASE IN PREHISTORIC NORTH AMERICA
Room: Ballroom F (ACC)
Time: 8:00 AM - 10:00 AM

Participants:
12-a Martin Welker and Patricia Lambert—Subsistence and Trauma: The Southeast in Perspective
12-b John Krigbaum, Neill Wallis, Nicholas Coutu and Christina Holland—Weeden Island Paleodiet and Mobility: Isotopic Results from Three Coastal Sites in Northern Florida
12-c Elizabeth Nelson and Christine Halling—Evidence for Skeletal Fluorosis at the Ray Site: a Pathological Assessment and Description of Community Health
12-d Christine Halling and Elizabeth Nelson—Bone Resorption of the Distal Radius and Ulna: a Case Study from the Ray Site
12-e Megan Schwalenberg—A Comparative Analysis of the Dental Health of Two Middle Woodland Burial Populations in the Lower Illinois Valley
12-f Greg Kauffman—Stable Isotope Analysis of a Middle Woodland Population from North-central Kansas
12-g Christian Cruz-Morales—Correlation of Death Rate and Periodontal Disease in the Prehistoric Human Remains of Pueblo Bonito

[13] POSTER SESSION ■ TECHNICAL ANALYSES IN ARCHAEOLOGY
Room: Ballroom F (ACC)
Time: 8:00 AM - 10:00 AM

Participants:
13-a Paul Buck and Donald Sabol—SUB-PIXEL DETECTION OF ARCHAEOLOGICAL MATERIALS USING NASA SATELLITE AND AIRCRAFT DATA
13-b Adam Wiewel and Jesse Casana—UAV-based Archaeological Aerial Thermography
13-c Michael Chodoronek, Matthew Douglass and Sam Lin—Photogrammetry applications in feature and site documentation: case studies in southeastern Alaska and northwestern Nebraska
13-d Brendan Culleton and Douglas Kennett—Developments in Radiocarbon and Stable Isotope Preparation of Archaeological Materials at the Penn State Human Paleoecology and Isotope Geochemistry Lab
13-e Wendy Cegielski, Grant Snitker, Gayle Timmerman, C. Michael Barton and Bette Otto-Bliesner—Reconstructing Local Paleoclimate Data with Global and Local Variables: A Re-examination of “Downscaling” with Updated Paleoclimate Models
13-f Grant Snitker—Exploring the Dynamics of Anthropogenic Fire Regimes through Agent Based Modeling (ABM) and Geographic Information Systems (GIS)
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13-g Ursel Wagner, Rupert Gebhard, Zsolt Revay, Peter Albert and Friedrich E. Wagner—Chlorine determination in iron artifacts by prompt gamma activation analysis (PGAA)

13-h Alexandr Schipani—The Use of the Scapula to Determine Biological Sex

13-i Cassandra Fitzgerald—Retest of a Recently Developed Method of Sex Determination on the Distal Humerus

13-j Warren Lail, David Sammeth, Shannon Mahan and Jason Nevins—A Non-Destructive Method for Dating Human Remains

13-k Kelsey Roepe and Megan Perry—A Bayesian Approach to Investigating Age-at-Death of Subadult Archaeological Samples

13-l Travis Jones, Daniel Bigman and Jeff Speakman—Testing Alternative Methods for Unmarked Burial Identification

13-m Anthony Krus, Robert Cook and Derek Hamilton—A little bit longer: The date of events at the SunWatch site

[14] GENERAL SESSION ■ PREHISTORIC TEXAS
Room: 14 (ACC)
Time: 8:00 AM - 10:00 AM
Chair: Jason Barrett

Participants:
8:00 Jason Barrett, Richard Weinstein, Roger Moore and Charles Frederick—Cached, Dropped, or Ritually Deposited?: Dimond Knoll's Enigmatic Lithic Assemblage and the Archaeology of Motive


8:30 Joseph Luther—THE BONEYARD: A 12,000 YEAR HISTORY

8:45 Nathanael Dollar—Testing Intensification Theory Using Lower Pecos Coprolites

9:00 Casey Riggs—Seasonal Plant Community Use by Late Prehistoric Hunter-Gatherers in the Eastern Trans-Pecos Archaeological Region of Texas

9:15 Haley Rush—The Rowe Valley Site (41WM437): A Study of Toyah Period Subsistence Strategies in Central Texas

9:30 Steve Carpenter—Grand Parallel - A Consistent Latitude of Caddo and Late Woodland Multimound Centers from Eastern Texas to the Lower Mississippi Valley

9:45 Juan Gonzalez, Bobbie Lovett and Russell Skowronek—Deflation Troughs, Water and Prehistoric Occupation of the South Texas Sand Sheet

Room: 9A (ACC)
Time: 8:00 AM - 10:45 AM
Chairs: Ulrike Green and Kirk Costion

Participants:
8:00 Ulrike Green and Kirk Costion—Seeing What’s Happening on the Fringe: Exploring the Visual Representation of Cross-Cultural Interaction

8:15 Bryan Hanks—Social Processes and Frontier Dynamics in the Late Prehistoric Eurasian Steppes

8:30 Peter Wells—Objects, Decoration, and Writing: Dynamics of Communication Media in the Roman Frontier Zone of Temperate Europe

8:45 Peter Andreas Toft—Modeling complex cultural encounters in contact and colonial Greenland (1690-1900 AD) - possibilities and limitations of the interaction zone model
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9:00  Stuart Smith and Michele Buzon—Cross-Cultural Interaction in the ancient Egyptian and Nubian Borderland

9:15  Madeleine Gunter—Modeling Colonial Encounter: An Analysis of Trade Networks on the Seventeenth-Century Eastern Siouan Frontier

9:30  Meghan Buchanan—Reconfiguring Regional Interactions in the Face of Cahokia Decline: A View from the Common Field Site, MO

9:45  Maeve Skidmore—Cusqueños, Huareños, and the Wari: an evaluation of intense cultural exchange in the Middle Horizon Cusco region of Peru

10:00 Verity Whalen and Corina M. Kellner—Modeling Late Nasca societal interaction on the south coast of Peru

10:15 Kirk Costion and Ulrike Matthies Green—Modeling the Prehistory of Regional Interactions in the Moquegua Valley, Southern Peru

10:30 Bryan Feuer—Discussant

[16]  SYMPOSIUM ■ MOVING ON: ANTHROPOLOGICAL PERSPECTIVES ON HUMAN MOBILITY
Room: 18A (ACC)
Time: 8:00 AM - 11:00 AM
Chairs: Steven Kuhn and Amy Clark
Participants:
8:00  Douglas Bird and Rebecca Bliege Bird—Constructing Martu country: mobility and trophic facilitation in Australia’s Western Desert
8:15  Todd Surovell and Matthew O’Brien—Mobility at the Scale of Meters
8:30  Ariane Burke, Dario Guiducci and James Steele—Seeing our way: perception of the landscape and patterns of hominin dispersal.
8:45  Ian Wallace, Lynn Copes, David Raichlen and Theodore Garland, Jr.—Mobility as a nexus of biological organization
9:00  David Raichlen, Brian Wood, Adam Gordon, Frank Marlowe and Herman Pontzer—Scale-free foraging in human hunter-gatherers: Lévy walks are a fundamental feature of human mobility
9:15  Steven Churchill, Christopher Walker and Adam Schwartz—Large-bodied carnivores as a model for predicting Neandertal home range size
9:30  Marcus Hamilton—The ecology of hunter-gatherer residential mobility
10:00 Antonin Tomasso and Guillaume Porraz—Embedded procurement: between assumption and facts. An overview on the Upper Paleolithic from the Mediterranean corridor (Provence and Liguria)
10:15 Amy Clark—Time and Space in the Middle Paleolithic: Spatial Analysis of Open Air Sites in France
10:45 Robert Kelly—Discussant

[17]  SYMPOSIUM ■ SOCIETAL STABILITY AND ENVIRONMENTAL CHANGE: PAPERS IN HONOR OF KARL W. BUTZER
Room: Ballroom G (ACC)
Time: 8:00 AM - 11:15 AM
Chairs: Carlos Cordova and Arlene Rosen
Participants:
8:00  Carlos Cordova—Bridging disciplines in a global context: Environment and society in Karl Butzer’s academic journey
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8:15 Laura Basell, Tony Brown, P Toms, D Ongwen and C Kinyera-Okeny—Human Evolution at the Headwaters of the Nile
8:30 Steven Rosen—Basic Instabilities? Climate and Culture in the Negev over the Long Term
8:45 Joanne Rowland and Judith Bunbury—Environmental change in the western Nile Delta from the Middle Palaeolithic into the Neolithic: new considerations regarding the mobile and settled communities in the vicinity of Merimde Beni Salama
9:00 Clive Waddington—Paradise lost, paradise regained: Mesolithic resettlement of the north-east British coast after a catastrophic North Sea tsunami
9:15 Georgina Endfield—Re-particularizing climate: the importance of context, culture and complexity
9:30 Tony Brown—Examining the Archaeology - Soil Erosion Paradox
9:45 Arlene Rosen—Geoarchaeology at the Edge: Measuring the pulse of process and human agency at the interface of landscape and site in Neolithic through Iron Age China
10:00 Timothy Beach, Sheryl Luzzadder-Beach, Thomas Guderjan and Samantha Krause—Maya Wetland and Floodplain Formation: Societal Stability and Environmental Change
10:15 Jonathan Flood—Settlement Continuity and Change on the Mochlos Plain in East Crete
10:30 Isabel Rivera-Collazo and Amos Winter—Human adaptation strategies of abrupt climate change ca3.8kya
10:45 Joseph Schudlenrein—Geoarchaeology, Forensics, and the Prosecution of Saddam Hussein: A Case Study from the Iraq War, 2005-2008
11:00 Sheryl Luzzadder-Beach—Discussant

SYMPOSIUM ■ ALONG THE CORRIDOR AND BEYOND THE APE: MULTI-SCALE INVESTIGATIONS OF THE NAVAJO-GALLUP WATER SUPPLY PROJECT, NORTHWEST NEW MEXICO
(Sponsored by PaleoWest Archaeology)
Room: Ballroom C (ACC)
Time: 8:00 AM - 11:30 AM
Chairs: Shawn Fehrenbach and Jason Chuipka

Participants:
8:00 Kevin Thompson, Thomas Motsinger and Joseph Tuomey—Navajo-Gallup Water Supply Project (NGWSP): Now We’re Getting Somewhere
8:15 Joseph Tuomey and Ernie Rheaume—Perspectives on NGWSP from the Bureau of Reclamation:
8:30 Jason Chuipka—Looking Beyond the APE: Landscape Level Research in the San Juan Basin and the Navajo-Gallup Water Supply Project
8:45 Shawn Fehrenbach, Nikki Shurack and Daniel Rucker—Managing Digital Data in the Laboratory for NGWSP
9:00 Kirk Anderson—The Physical Landscape and Paleoclimates of the San Juan Basin
9:15 Cory Breternitz—Summary of the NGWSP Cultural Resources Inventory
9:30 Dennis Gilpin—Family, Community, and Regional Social Interaction among the Diné of the Tohlakai Area
9:45 Saul Hedquist and Kye Miller—Reach 12A Sites and Ritual Deposition in a Regional Context
10:00 Lindsey Clark and Dean Wilson—Ceramic Variation and Occupation History of Site NM-Q-18-120
10:15 James Moore, Nancy Akins, Dean Wilson, Pamela McBride and Karen Wening—
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Artifacts and Assemblages from Reach 12A of the Navajo-Gallup Water Supply Project
10:30 Ronald Maldonado—The Navajo-Gallup Water Supply Project as seen from the Navajo Nation Historic Preservation Department
10:45 Paul Reed—Discussant
11:00 Richard Wilshusen—Discussant
11:15 Questions and Answers

[19] SYMPOSIUM ■ CHARACTERIZATION OF ANDEAN CERAMICS
Room: 19A (ACC)
Time: 8:00 AM - 11:30 AM
Chair: Isabelle Druc

Participants:
8:00 Estefania Vidal Montero and Mauricio Uribe—Pottery and Social Complexity in Tarapacá, Atacama Desert (Northern Chile)
8:15 Isabelle Druc—Forams in My Plate: Ceramic Production in Puemape, North Coast of Peru
8:30 Michele Koons—Internal vs. External: An Examination of Moche Politics through Similarities and Differences in Ceramic Style
8:45 Ann Laffey—Empires Crafted of Clay: Earthenware Archaeometrics and the Characterization of Gendered, Multi-Scalar Political Expressions of Middle Horizon Andean Earthenware Vessels.
9:00 Alicia Gorman, Jelmer Eerkens and Kevin Vaughn—Electron Microprobe Analysis of Nasca Polychrome Ceramic Pigments
9:15 Matthew Piscitelli, Sofia Chacaltana Cortez, Nicola Sharratt, Mark Goltikko and P. Ryan Williams—Inferring Socio-Political Dynamics in the Moquegua Valley through Geochemical Analysis
9:30 Jason Toohey—Ceramic Exchange and Community Interaction in the Late Prehispanic Cajamarca Basin, Northern Peru
9:45 Krzysztof Makowski, Iván Ghezzi, Hector Nef and Gabriela Oré—Networks of Ceramic Production and Exchange in the Late Horizon: Characterization of Ceramic Styles and Clays on the Central Coast of Peru
10:00 James Davenport—Literal Providers of Food and Drink: Examining Inka Imperial Control through Pottery
10:30 Laura Marsh, Isabelle Druc and Cesar Sara Repetto—Sampling Paste for Thin Section: An Andean Case Study of the Initial Steps of Petrographic Research
10:45 Michael Deibel, William Whitehead, Corinne Deibel and Emily Stovel—Archaeometry in San Pedro de Atacama: Using hhXRF and hhFTIR in the Study of Obsidian and Ceramics
11:00 Cathy Costin—Discussant
11:15 Maria Masucci—Discussant

[20] SYMPOSIUM ■ ONGOING RESEARCH IN EURASIAN ARCHAEOLOGY
Room: 16B (ACC)
Time: 8:00 AM - 11:45 AM
Chairs: Kathryn Franklin and James Johnson

Participants:
8:00 James Johnson—Disassembling Community and Complexity in the Eurasian Bronze Age: Social Transformations during the Middle through Final
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Bronze Ages, Southern Urals, Russian Federation
8:15 Colin Quinn—Modeling Dynamics of Community Organization in Resource Procurement Zones: A Bronze Age Transylvanian Case Study
8:30 Kristine Martirosyan - Olshansky—Masis Blur, a Neolithic Settlement in the Ararat Plain, Armenia
8:45 Taylor Hermes—Our Complexity Against Theirs: Neolithic Cultures in the Altai Mountains
9:00 Tekla Schmaus—Untangling Data and Entangling Lives in Semirech’ye
9:30 Katherine Haas—Death in the Context of Dying: Comparing Evidence for Differential Mortality at Two Bronze Age Cemeteries from Northern Serbia
9:45 Denis Sharapov—Evaluating social developments of the Middle and Late Bronze Age periods (2100BC-800BC) in the Southern Urals, Russia using regional settlement pattern evidence.
10:00 Lara Fabian—Revisiting Roman-Period Eastern Transcaucasia: Entanglements past and present
10:15 Jacob Winter—Implementing Geoarchaeological Methods to Explore Site Formation Processes of Pastoralist Occupations in Eurasia
10:30 Lynne Rouse—Leaving Empires in the Dust: Why core-periphery relationships aren’t helpful for understanding prehistoric Central Asia
10:45 Hannah Chazin and Maureen Marshall—The Chemistry of Mobility: Preliminary Results, Potentials, and Challenges of Isotope Analysis in the Tsaghkahovit Plain, Armenia
11:00 Adrienne Frie—Attitudes towards Animals – Connections between Eurasian Animal Style art and the representation of animals in Southeastern Slovenia
11:15 Robert Spengler—Late Third Millennium B.C. Agriculture in the Foothills of Central Asia: A Mixing Zone for East and South Asian Crops
11:30 Kathryn Franklin—A cosmopolitanism of in-betweens: archaeology of medieval trade and politics in Armenia

[21] SYMPOSIUM ■ MOBILITY AND MIGRATION OVER MESOAMERICA IN CLASSIC AND POSTCLASSIC TIMES
Room: 10B (ACC)
Time: 8:00 AM - 11:45 AM
Chairs: Gregory Pereira and Charlotte Arnauld

Participants:
8:00 Christine Dixon and Nancy Gonlin—A Site in Motion: Examining Intra-site Mobility at Cerén, El Salvador
8:15 Charlotte Arnauld, Eva Lemonnier and Mélanie Forné—Maya residential architecture, mobility and the Terminal Classic abandonment of lowland urban settlements
8:30 Elizabeth Graham—Mobility and resilience: a perspective from the eastern Maya lowlands
8:45 Jason Yaeger—Hinterland settlement histories, population mobility, and political dynamics in the Mopan River valley, Belize
9:00 Julie Hoggarth, Carolyn Freiwald, Anna Novotny and Jaime Awe—Postclassic Settlement and Population Movement at Baking Pot and in the Belize River Valley
9:15 Andrea Cucina and Vera Tiesler—Population dynamics during the Classic and Postclassic period Maya in the Northern Maya Lowlands: the analysis of dental morphological traits
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9:45 Linda Manzanilla—Mobility and Multiethnic Neighborhoods in Teotihuacan. The Teopanzacozco Case

10:00 Sarah Clayton—Migration and Multiethnicity in the Epiclassic Basin of Mexico: a Perspective from the Households of Chicoloapan Viejo

10:15 Michael Smith—Urbanization and Village Nucleation: Causes and Consequences of Moving into Town

10:30 Gregory Pereira, Marion Forest and Elsa Jadot—Ephemeral cities? Estimating the longevity of postclassic tarascan urban sites

10:45 Rodrigo Solinis-Casparius and Florencia Pezzutti—Roads and social space. Exploring intra-site accessibility using LiDAR data from Angamuco, Michoacán.

11:00 Catherine Liot, Susana Ramirez, Javier Reveles and Cinthya Cardenas—Intrusive settlement and cultural assimilation processes in the Sayula basin (Western Mexico) during the Early Postclassic

11:15 Ben Nelson—Discussant

11:30 Prudence Rice—Discussant

[22] SYMPOSIUM ■ CONTRASTING PATTERNS OF COLLECTING, TREATMENT AND USE OF STEMS AND FIBER FOR CRAFTS IN HUNTER-GATHERER VERSUS HORTICULTURAL AND AGROPASTORAL GROUPS

Room: 18D (ACC)

Time: 8:00 AM - 12:00 PM

Chairs: Patricia Anderson and Carole Cheval

Participants:

8:00 Catherine Fowler—Discussant

8:15 Richard Fullagar, Lynley Wallis and Heidi Pitman—Aboriginal grinding grounds, stone tools and other archaeological evidence for fibre processing in Australia

8:30 Linda Hurcombe—Tended and untended resources, facilities, and technologies for plant and animal fibres

8:45 Russell Greaves and Karen Kramer—String figures and dominant cords: tying ethnoarchaeological views of the crucial roles of hunter-gatherer fiber use together to explore patterns of technological organization and economy

9:00 Raquel Pique, Susagna Romero, Antoni Palomo, Josep Tarrús and Xavier Terradas—The production and use of ropes in the Early Neolithic site of La Draga (Banyoles, Spain)

9:15 Annelou Van Gijn and Aimée Little—Plant microwear traces on flint and bone tools from Dutch wetland sites: comparing Late Mesolithic and Neolithic plant use

9:30 Philippa Ryan—Perspectives on Near Eastern Neolithic basketry from the phytolith traces at Çatalhöyük (Central Anatolia)

9:45 Willeke Wendrich—Circular baskets, circular reasoning: the interpretation of basketry lined storage pits in the Egyptian Neolithic

10:00 Brian Boyd—Making Containers Visible in the Prehistoric Levant

10:15 Patricia Anderson and Mondher M'Hamdi—Fiber Use In Northern and Central Tunisia By Sedentary and Semi-Nomadic Populations

10:30 Carole Cheval—Identifying Treatment of Fibers by Analysis of Bone and Wood Tools used in Textile Production: the Neolithic sword beater

10:45 Paula Doumani and Robert Spengler III—Textiles as an Early Silk Road Commodity: Mobile Pastoralists in Central Asia

11:00 Elizabeth Horton—Weaving from Forests: Fiber Use and Fabric Production in the Ozark Plateau, Southeastern United States
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11:15  Melinda Leach—Farmers and Foragers in the Desert West: Twined Textile Industry Across 10,000 Years
11:30  Questions and Answers
11:45  Linda Hurcombe—Discussant

[23] SYMPOSIUM ■ GIVING LATITUDE TO ALTITUDE (AND VICE-VERSA): THE ARCHAEOECOLOGY OF HUMAN SETTLEMENT IN EXTREME ENVIRONMENTAL SETTINGS
Room: 19B (ACC)
Time: 8:00 AM - 12:00 PM
Chairs: Christopher Morgan and Loukas Barton

Participants:
8:00  Craig Lee, Halcyon LaPoint and Michael Bergstrom—Rocky Mountain Ice Patches as a Rich Source of Archaeological and Paleoenvironmental Data
8:15  Christopher Johnston, Jason LaBelle and Todd Surrovel—Picks, Shovels, and Computers: Data Mining the Alpine Archaeological Record of the Colorado Rocky Mountains, USA
8:30  Ashley Losey—Risk and Climate at High Altitude, a Z-score Model Case Study from Wyoming’s Wind River Range
8:45  Christopher Morgan, Ashley Losey and Lukas Trout—Punctuated Occupational Trajectories at Altitude in Western Wyoming
9:00  Elizabeth Scharf and David Rhode—Packing for the Trip: Plant Remains from High Elevation Sites in the Great Basin
9:15  Jose Capriles, Calogero Santoro, Daniela Osorio, Eugenia Gayó and Francisco Rothhammer—Late Pleistocene Highland Foraging in the South Central Andes
9:30  Gustavo Neme, Adolfo Gil, Miguel Giardina and Clara Otaola—The Use of High-Altitude Environments in the Southern Andes
9:45  Camilla Kelsoe, Julia Clark and Loukas Barton—The Logic of Ceramic Technology in Marginal Environments: Implications for Mobile Life
10:00 Jade D’Alpoim Guedes and Ethan Butler—Ecological Niche Modeling and the Spread of Agriculture to the Tibetan Plateau
10:15  Kelly Graf—Early Modern Human Expansion North to Siberia and Beringia
10:30  Andrew Tremayne—An Ideal Free Distribution Model for Hunters in Northern Alaska: Implications for Arctic Small Tool Tradition Coastal Settlement
10:45  John Blong—Human Adaptation to High-Latitude Upland Landscapes in the Central Alaska Range
11:00  Ben Potter—Technological and Economic Organization in Central Alaska: New Data from Mead and Upward Sun River
11:15  David Thomas—Discussant
11:30  Mark Aldenderfer—Discussant
11:45  Robert Bettinger—Discussant

Room: 9C (ACC)
Time: 8:00 AM - 12:00 PM
Chairs: Rolfe Mandel and Loren Davis

Participants:
8:00  David Meltzer—The last time this happened: the 1930s Carnegie program of funding Paleoindian research
8:15  Brian Andrews—Folsom in the Mountains: Over a Decade of QUEST Research
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in the Upper Gunnison Basin, Colorado
8:30 Jason LaBelle—The Slim Arrow site, a late Paleoindian bison kill in the dune fields of Yuma County, Colorado
8:45 Vance Holliday, Bruce Huckell and Jesse Ballenger—Clovis, Folsom, And Climate: The Argonaut Archaeological Research Fund
9:00 Robert Dello-Russo and Vance Holliday—Paleoindians in Socorro County: How the Cramer's helped facilitate 10 years of research collaboration in west-central New Mexico
9:15 Guadalupe Sanchez Miranda and Vance Holliday—Late Pleistocene Landscapes and the Clovis Occupation of Sonora, Mexico after ten years of Systematic Investigations
9:30 Geoffrey Smith—The Great Basin Paleoindian Research Unit and the Ongoing Search for the First Americans
9:45 Teresa Wriston and Geoffrey M. Smith—The “Old Dirt” and Paleoindians of Warner Valley, Oregon
10:00 Ted Goebel—A Sundance Retrospective--Of Students, Shelters, and Sponsored Research in the Great Basin,
10:15 Michael Waters—The North Star Archaeological Research Program 2002-2014
10:30 Thomas Jennings and Michael Waters—Paleoindians in Central Texas: Research at the Debra L. Friedkin and Hoguey Sites
10:45 Loren Davis—Research Progress at the Cooper's Ferry Site, Idaho
11:00 Erin Dempsey and Rolfe Mandel—Use of Geoscientific Methods in the Search for Evidence of the First Americans in the Great Plains and Midwest: Lessons Learned Through the Odyssey Geoarchaeological Research Program
11:15 Jack Hofman and Rolfe Mandel—In Pursuit of the First People on the Central Plains
11:30 Christopher Hill—The Montana Experiment: A Geoecological Model for Exploration and Discovery
11:45 Leslie Davis—Discussant

[25] SYMPOSIUM ■ CULTURAL MEANINGS OF HEAD TREATMENTS IN MESOAMERICAN AND ANDEAN SOCIETIES
Room: 8C (ACC)
Time: 8:00 AM - 12:00 PM
Chairs: Vera Tiesler and Maria Lozada

Participants:
8:00 Luis Alvarado Viñas, Linda R. Manzanilla Naim, Rocio Berenice Jiménez González and Abril Ivonne Gutiérrez Pérez—Identity in a Multiethnic Neighborhood of Teotihuacan: Cephalic Modification, Headdresses, and Facial Paint
8:15 William Duncan—What essences were ritually sealed through Maya cranial modification?
8:30 Vera Tiesler and Alfonso Lacadena—Cultural head forms and shifting group identity among the Western Maya during the Classic period
8:45 Laura Filloy—Idiosyncratic and individualizing traits used by Mayan artist to punctually qualify the portrait (facial and head treatment) of the ruler during the reign of K’inich Janaab’ Pakal of Palenque (A.D. 615–683).
9:00 Virginia Miller—The Representation of Hair in the Art of Chichén Itzá
9:15 Carmen Pijoan and Josefina Mansilla—Human Cranial Masks from Central Mexico: Techniques and Usage
9:30 Ximena Chávez Balderas—Images of death: symbolism, use and reuse of human skulls at the Templo Mayor of Tenochtitlan
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9:45  John Verano—Afterlives of the decapitated in Pre-Hispanic Peru
10:00 Rex Haydon, Maria Lozada, Augusto Cardona, Hans Barnard and Alanna Warner—Prepared to be remembered: Trophy Head Production and Meaning among the Pre-Hispanic Ramadas of Southern Peru.
10:15 Deborah Blom and Nicole Couture—Tiwanaku’s Talking Heads: Unpacking the Meaning of Human Heads through Bioarchaeological and Archaeological Data
10:30 Zoila Yepez Vasquez—La semántica de la imagen bilobulada en la cabeza en el antiguo hombre costeño del área central andina (Perú). ¿Una relación con el culto lunar?
10:45 Bruce Mannheim and Alison R. Davis—Cranial modification in the Central Andes: Person, language, political economy

[26] SYMPOSIUM ■ LEVALLOIS TECHNOLOGY: ORIGINS AND SIGNIFICANCE
Room: 15 (ACC)
Time: 8:00 AM - 12:00 PM
Chairs: Stephen Lycett and Metin Eren

Participants:
8:00 Stephen Lycett—Levallois: looking back with forward planning
8:15 Gonen Sharon—Levallois in Acheulian Giant Cores?
8:30 Philip Van Peer—What is Levallois?
8:45 Fernando Diez-Martín—Anticipating the levallois concept? Revisiting the bifacial hierarchical centripetal exploitation model in the African Early Acheulean
9:00 Jeffrey Rose and Anthony Marks—The origin of the Emiran and implications for modern human dispersal into the Levant
9:15 Alison Brooks, Richard Potts and John Yellen—Early Levallois Technology and its Implications: New Data from Olorgesailie, Kenya
9:30 Christian Tryon and Nick Blegen—Levallois origins and variability in Africa
9:45 Yonatan Sahle, David Braun, Katja Douze and Judith Sealy—Technological Behavior in the Middle Stone Age of the Gademotta Fm., Ethiopia: Insights from the Levallois method
10:00 Gilliane Monnier—Is there a ‘real’ Levallois?
10:30 Kathryn Ranhorn, David Braun and Alison Brooks—What is Levallois? Re-evaluating criteria for identifying Levallois cores using photogrammetry
10:45 Michael Chazan—Levallois without Levallois: Late Lower Paleolithic hhFlake Industries in the Levant
11:00 Thomas Wynn—The cognitive implications of Levallois
11:15 Marie-helene Moncel—Emergence of Levallois core technology in Southern Europe.
11:30 John Shea—Discussant
11:45 Questions and Answers

[27] SYMPOSIUM ■ ANDEAN PLAZAS: MATERIALITY, PERFORMANCE, AND SOCIETY
Room: 10C (ACC)
Time: 8:00 AM - 12:00 PM
Chairs: Axel Nielsen and Go Matsumoto
Thursday Morning, April 24

Participants:

8:00  Go Matsumoto—Creation of political subjectivity in the Middle Sicán Great Plaza
8:15  John Rick—Evidence for the Role of Plazas at Chavin de Huantar, Peru
8:30  David Chicoine, Hugo Ikehara, Koichiro Shibata and Matthew Helmer—Plazas: Contexts of Performance and Sociopolitical Integration in Coastal Ancash during the Formative Period
8:45  Christine Hastorf—The actions and meanings of open and hidden performances at Formative Chiripa
9:00  Leonor Adán, Simón Urbina and Mauricio Uribe—El espacio público en aldeas formativas tarapacañáes (Norte de Chile)
9:15  Joan Gero—Yutopian’s Plaza
9:30  Jorge Gamboa Velasquez—The enclosed public space. Moche plazas as places of social encounter
9:45  Christina Conlee—The Dynamics of Public Space in Ancient Nasca
10:00  Kevin Vaughn, Verity Whalen and Hendrik Van Gijseghem—Plazas and Pilgrimage in the Upper Ica Valley
10:15  Alexei Vranich—Plazas in the High Andes
10:30  Paul Goldstein and Matthew Sitek—Liminal Plazas and processional paths in Tiwanaku temples: Divergence, convergence and the rule of three at Omo M10
10:45  Katharina Schreiber—Public Spaces in the Wari Empire
11:00  Axel Nielsen—The Destruction of South Andean Plazas at the Time of Inca Expansion
11:15  Colin McEwan—The Liquid Plaza: Haucaypata, Cuzco
11:30  Takeshi Inomata—Discussant
11:45  Izumi Shimada—Discussant

SYMPOSIUM ■ THEORETICAL APPROACHES TO ANALYSIS AND INTERPRETATION OF COMMINGLED HUMAN REMAINS
Room: 17B (ACC)
Time: 8:00 AM - 12:00 PM
Chair: Anna Osterholtz

Participants:

8:00  Scott Haddow, Joshua Sadvari, Christopher Knüsel and Rémi Hadad—Past Practices and Current Interpretations: A Case Analysis of Commingled Skeletal Remains at Neolithic Catalhöyük
8:15  Jess Beck—Age, Identity and Burial in Copper Age Iberia
8:30  Cheryl Anderson and Kathryn Baustian—Linking Health and Marriage Practices among Commingled Assemblages: A Case Study from Bronze Age Tell Abraq, UAE
8:45  Katina Lillios—Practice, Process, and Social Change in Third Millennium BC Europe: The Role of Collective and Commingled Burials
9:00  Kathryn Marklein and Sherry Fox—A family affair? Contextualizing biological relatedness within Roman period mass graves at Oymaağaç-Nerik, Turkey
9:15  Olivia Jones—Piles of Bones: Materiality as an Aid to Assess Meaning from Commingled Confusion
9:30  Katherine Welch, Linda Taylor, Monica Faraldo and Mihai Constantinescu—Social and Biological Variables in a Case Study of Commingled Remains
9:45  Lori Epstein and Marla Toyne—When space is limited: a spatial exploration of Chachapoya mortuary and ritual landscape
10:00  Haagen Klaus—The Social Bioarchaeology of Commingled Remains: Theoretical, Methodological, and Interpretative Approaches from Colonial Peru
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10:15 Anna Osterholtz—Patterned Processing as Performative Violence at Sacred Ridge
10:30 Maria Panakhyo—Creating a Better Understanding of Prehistoric Peoples through Reanalysis of Collections of Commingled Human Remains
10:45 Tara Jenkins—Contexts, needs and social messaging: “In Situating” Iroquoian human bone objects
11:00 Laura Lockau and Megan Brickley—Bioarchaeological examination of commingled human remains from the War of 1812: perimortem trauma in the Smith’s Knoll sample from southern Ontario, Canada
11:15 Peter Killoran and David Pollack—Social Invisibility, Beatification of Death: Investigations of Large Unmarked Early to Mid-Nineteenth Century Cemeteries in Central Kentucky Urban Contexts.
11:30 Debra Martin—Discussant
11:45 Tiffany Tung—Discussant

[29] SYMPOSIUM ■ RESILIENCE, COLLAPSE AND SURVIVAL IN INTERESTING TIMES: VIKING AGE TO MEDIEVAL TRANSITIONS IN THE NORSE NORTH ATLANTIC CA. 1250-1450CE
Room: 16A (ACC)
Time: 8:00 AM - 12:00 PM
Chair: Konrad Smiarowski

Participants:
8:00 Scott Ingram, Richard Streeter, Laura Comeau and Andrew Dugmore—Climate Extremes for Archaeologists
8:15 Seth Brewington, Richard Streeter, Anthony Newton, Andrew Dugmore and Thomas McGovern—Climate Change, Resilience, and the Shifting Patterns of Ecological Stress in Icelandic Landscapes
8:30 Megan Hicks—Skútustaðir: Considering an Icelandic Farm Across Scales
8:45 Frank Feeley—Medieval Fishing at Gufuskálar, Snæfellsnes, Iceland
9:00 Magdalena Schmid—The Impact of Volcanic Events on the Landnám: Did Eldgjá 938±4 AD Stop the Colonization of Iceland?
9:15 Ramona Harrison—Scales of Resilience and Exchange in Medieval Iceland: Sustainable Transition from Small Scale Subsistence Economy to Proto-World System Participation
9:30 Jim Woollett, Céline Dupont-Hébert, Guðrún Alda Gísladóttir, Úggi Ævarsson and Natasha Roy—A Boom and then a Bust in a Northern Icelandic Community: The Svalbarð Estate Circa 1200 to 1477 AD.
9:45 Questions and Answers
10:00 Aaron Kendall—Early Medieval Exchange and Communication Networks in Iceland and Greenland
10:15 Poul Heide—Tying Precious Knots: The Resilience of Communication Systems in the North Atlantic Landscapes During the Transatlantic Migration in the Viking and Middle Ages
10:30 Christian Madsen and Jette Arneborg—The Farms of Hunters in Norse Greenland
11:00 Konrad Smiarowski—Sustainable? How Long? The Survival and Collapse of a Resilient Norse Society in Medieval Greenland
11:15 Richard Oram—With Their Backs to the Ocean: Socio-economic and Cultural Reconfiguration in Hebridean Scotland c 1250 to c 1450
11:30 Thomas McGovern—Discussant
11:45 Richard Oram—Discussant
Room: 18B (ACC)  
Time: 8:00 AM - 12:00 PM  
Chair: Mary Beth Trubitt  
Participants:  
8:00 Larry Zimmerman—Repatriating Buhl Woman, Keeping Our Word, and Making NAGPRA Work  
8:15 Juliet Morrow—Evidence for Spirituality during and after the Clovis Diaspora  
8:30 Meeks Etchieson, Richard E. Hughes and Anne S. Dowd—Lithic Raw Material Choices  
8:45 James Woods, Alejandro Pastrana, John Clark and Silvia Domínguez—Obsidian Sequin Manufacture at La Sierra de las Navajas, Pachuca, Mexico  
9:00 Kenneth Ames—The Social Lives of Projectile Points: Inter and Intrahousehold Variation in Projectile Point Forms in Lower Columbia River Plankhouses  
9:15 David Jeane, Frank Schambach and Jami Lockhart—The "Cookhouse" at the Tom Jones site (3HE40)  
9:30 Mary Beth Trubitt, Timothy K. Perttula and Robert Z. Selden, Jr.—Identifying Ceramic Exchange and Interaction between Cahokia and the Caddo Area  
9:45 Robert Cast and Trevor Ware—Consultations Past and Future: A Legacy of Consultation between the Caddo Nation of Oklahoma and the Arkansas Archeological Survey  
10:00 Jami Lockhart—More Than Just Remotely Interested: Dr. Tom Green and AAS Geophysics  
10:15 Claudine Payne and Michelle Rathgaber—The Arkansas Archeological Survey Model of Archaeological Practice: A Case Study  
10:30 Jay Johnson and Bryan Haley—A River Runs through It: Reassessing Floodplain Adaptation in the Northern Yazoo Basin  
10:45 Gayle Fritz, Kelsey Nordin and Jocelyn Turner—"In Short, They Gave Us What They Had" (Henri Joutel, 1687): Plant Remains from the Wallace Bottom Site, Southeast Arkansas  
11:00 Jamie Brandon and Carl Drexler—Regnat Populus: The Intersection of Historical Archeology Research and Public Service in Arkansas  
11:15 Jodi Barnes—Remembering Camp Monticello: Archaeology of a World War II Italian Prisoner of War Camp  
11:30 George Sabo—Discussant  
11:45 Francis McManamon—Discussant  
[31] SYMPOSIUM ■ “PRECLASSIC MAYA CIVILIZATION IS NO LONGER A CONTRADICTION IN TERMS”: A SESSION IN HONOR OF NORMAN HAMMOND ON THE LAST FORTY YEARS OF PRECLASSIC MAYA RESEARCH (PART 1)  
Room: Ballroom E (ACC)  
Time: 8:15 AM - 11:30 AM  
Chair: Astrid Runnaldier  
Participants:  
8:15 Harry Shafer and Thomas Hester—Colha in Retrospective: Maya Lithic Craft Specialization
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8:30  Palma Buttles and Fred Valdez—An Archaeological Snapshot in Time and Space: Colha and the Preclassic Communities of Northern Belize

8:45  Maia Dedrick and Patricia McAnany—The Distributed Household: A Study of Plant and Mollusk Data from K’axob, Belize

9:00  Jeremy Bauer and Laura Kosakowsky—Charting the Ancient Maya of Northern Belize: Materiality, Place, Identity and the Legacy of Norman Hammond

9:15  Frank Saul and Julie Saul—Cuello’s Preclassic Burials: A Unique Life History of a People as Written in Their Bones

9:30  M. Kathryn Brown—Preclassic Investigations at Xunantunich, Belize

9:45  James Garber and Kathryn Brown—Preclassic Architecture and Ritual at the site of Blackman Eddy, Belize

10:00  Jaime Awe—Of Apples and Oranges: A Comparison of the Early Middle Preclassic Maya of the Belize River Valley and Their Contemporaries in Northern Belize

10:15  David S. Anderson—The Role of E-Group Architecture in the Development of Maya Astronomical Knowledge

10:30  William Ringle, George Bey and Tomas Gallareta Negron—The Genesis of Social Complexity in the Puuc Hills of Northern Yucatan, Mexico

10:45  Jonathan Pagliaro, Travis Stanton and Donald Slater—Is There an Ek Complex in Central Yucatan? Evaluating Early Ceramics from Yaxuna and Aktun Kuruxtun

11:00  Erick Rochette—“Of Very Great Value, and Held in the Greatest Esteem”: Norman Hammond’s Contributions to Preclassic Jade Research

11:15  Questions and Answers

[32]  SYMPOSIUM ■ NEW INVESTIGATIONS AT THE HARRIS SITE, MIMBRES VALLEY, NEW MEXICO
Room: Ballroom B (ACC)
Time: 8:15 AM - 11:45 AM
Chair: Barbara Roth

Participants:
8:15  Barbara Roth—Overview of Current Research at the Harris Site, Mimbres River Valley, New Mexico

8:30  Ashley Lauzon and Barbara Roth—From Architecture to Households: Pithouse Excavations at the Harris Site

8:45  Richard Reynolds, Barbara Roth, Darrell Creel and Roger Anyon—Communal Structures and Village Integration at the Harris Site

9:00  Robert Stokes—The Cosmopolitan Mogollon Pithouse World: A Reevaluation of the Harris Site Painted Wares

9:15  Danielle Romero—Corrugated Wares and Their Potential Use as Identity Markers at the Harris Site

9:30  Lauren Falvey—Written in Stone: Assessing Household Activities at the Harris Site using Ground Stone Technology

9:45  Justin DeMaio—Investigating Lithic Learning Frameworks at the Harris Site

10:00  Michael Diehl—Paleoethnobotany of the Harris Village

10:15  Doss Powell—Subsistence and Social Change During the Late Pithouse Period at The Harris Site

10:30  Arthur Yokes and Erika Heacock—Pithouse Period Shell Games: The shell assemblage from the Harris Site

10:45  Kathryn Baustian and Barbara Roth—Bioarchaeological Contributions to Late Pithouse Period Mimbres Studies: Data from the Harris Site
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11:00 Denise Ruzicka—Architecture, Alignments, and Astronomy at the Harris Site in the Mimbres Valley
11:15 Aaron Woods—Abandonment, Relocation, and Reorganization: The Harris Site in the Late AD 900s
11:30 Jefferson Reid—Discussant

[33] SYMPOSIUM ■ LIGHTING DARK PASSAGES PART 1: CELEBRATING THIRTY YEARS OF JAMES E. BRADY’S CONTRIBUTIONS TO CAVE ARCHAEOLOGY
Room: 12AB (ACC)
Time: 8:15 AM - 11:45 AM
Chair: Ann Scott

Participants:
8:15 Ann Scott—A Historical Retrospective of Mesoamerican Cave Archaeology: Celebrating James Brady’s Contributions to the Field
8:30 Fred Valdez and Palma Buttles—From Pink Polychrome to Underground Chambers: A Journey of Scholarship?
8:45 Allan Cobb—The Development of a Distinctive Cave Methodology: A Retrospective Appraisal of the Petexbatun Regional Cave Survey
9:00 Dominique Rissolo, Fabio Esteban Amador, Bil Phillips and Robert Schmittner—Visualizing Cave Architecture Along the Central Coast of Quintana Roo, Mexico
9:15 Shankari Patel—Pioneer and Pilgrim: James Brady and the Archaeologies of Space, Place, and Landscape
9:30 Christophe Helmke—Speleothem Monuments at Yaxchilan, Mexico
9:45 Jesper Nielsen and Toke Reunert—The View from Chalcatzingo: Studying Mesoamerican Iconography in Natural Settings
10:00 Rebecca Sload—The Cave Under the Sun Pyramid at Teotihuacan as a Chicomoztoc
10:15 C. L. Kieffer—Tombs, Burials, Cemeteries, and Sacrifice: A Historical Perspective on the Changing Interpretations of Human Remains in the Karstic Maya Landscape
10:30 Guillermo De Anda Alaniz and Jeremy Coltman—Black Hole Places: Cenotes Symbolism in Maya Landscape
10:45 Melanie Saldana—Mesoamerican Cave Archaeology at Cal State L.A.: A History
11:00 Keith Prufer—Discussant
11:15 James Brady—Discussant
11:30 Questions and Answers

[34] SYMPOSIUM ■ ARCHAEOLOGICAL STUDIES IN SETTLEMENT ECOLOGY: RECENT ADVANCES FROM THE AMERICAS
Room: 11AB (ACC)
Time: 9:15 AM - 12:00 PM
Chair: Lucas Kellett

Participants:
9:15 Sean Dunham—An Analysis of Late Woodland Archaeological Site Locations in the Eastern Upper Peninsula of Michigan
9:30 Eric Jones—Multiscalar Settlement Ecology Study of Late Pre-Contact Piedmont Village Tradition Communities in North Carolina
9:45 Stefan Brannan and Jennifer Birch—Historical Settlement Ecology at Singer-Moye: Mississippian Dynamics in the Deep South
10:00 Michelle Elliott—Climate, Ecology, and Social Change in Prehispanic
Northwestern Mesoamerica

10:15  Eva Lemonnier—“Garden Cities” in the Classic Maya Lowlands? Settlement and Land Use Patterns at La Joyanca (Guatemala) and Rio Bec (Mexico)
10:30  Questions and Answers
10:45  Roberto Herrera—Current Efforts at Defining Isthmo-Colombian Settlement Ecology
11:00  Lucas Kellett—Chanka Settlement Ecology: Disentangling Settlement Decision Making Processes During a Time of Risk in the Andean Highlands
11:15  Benjamin Vining—Agent-Based Geo-Spatial Approaches to Understanding Prehispanic Pastoralist Ecology in the South-Central Peruvian Andes
11:30  Steven Wernke—Discussant
11:45  Jeffrey Parsons—Discussant

[35]  SYMPOSIUM ■ CURRENT MULTI-SCALAR RESEARCH IN SOUTH ASIAN ARCHAEOLOGY
Room: 18C (ACC)
Time: 9:30 AM - 12:00 PM
Chairs: Mary Davis and Savitha Gokulraman

Participants:
9:30  Savitha Gokulraman—Megalithic Symbolic Burials: A Regional Perspective from Tamilnadu, Southern India
9:45  Uthara Suvrathan—The Kadambas and Banavasi: Perspectives from Archaeology and Epigraphy
10:00  Praveena Gullapalli and Shinu Anna Abraham—Investigating the Production Landscapes of Southern Andhra Pradesh
10:15  Kathleen Morrison—Discussant
10:30  Heather O'Connor—Sourcing Marine Shell in the Indian Ocean: Exploratory ICP-OES Analysis of Conus and Cypraea
10:45  Katie Lindstrom—Patterns of Elite Harappan Pottery in the Indus Civilization Borderlands of Gujarat
11:00  Mary Davis—Stone Blades in the Neighborhoods of Harappa, Pakistan
11:15  Rita Wright—Enigmatic Polities and the Indus Civilization
11:30  Teresa Raczek—Discussant
11:45  Questions and Answers

[36]  SYMPOSIUM ■ PLACE AND SPACE IN A DIGITAL LANDSCAPE: NEW PERSPECTIVES ON ANALYZING AND SHARING GEOSPATIAL DATA IN ARCHAEOLOGY
Room: 13AB (ACC)
Time: 9:45 AM - 12:00 PM
Chairs: Katy Meyers and Rebecca Seifried

Participants:
9:45  Holly Wright, Paul Cripps, Gerald Hiebel and Keith May—Finding the context: A European perspective on representing and interpreting spatial data from archaeological fieldwork as Linked Open Data
10:00  Andrew Bevan and Daniel Pett—Spatial sovereignties, archaeological access and the big data landscape
10:15  Fotini Kondyli—Beyond the Map: Exploring Socio-economic Networks on a Byzantine Island
10:30  Katy Meyers—Linking the Spaces of Resting Places: GIS, Anglo-Saxon Archaeology and Linked Open Data
10:45  Christopher Stawski—Landscape, Community, and Human-Environment Relationships in the Lake Pátzcuaro Basin, Michoacán, Mexico: Geospatial Analysis and the Late Postclassic Tarascan Empire

11:00  Michelle Wienhold and David R. Robinson—Open Geospatial Data: Discussions and Solutions for Publishing Sensitive Rock Art Data Online


11:30  Jackson Cothren and Jesse Casana—The CORONA Atlas Project: Orthorectification of Declassified Satellite Imagery and Regional-Scale Archaeological Prospection

11:45  Eric Kansa—Discussant

[37]  SYMPOSIUM ■ BORDERS AND BOUNDARIES IN ANCIENT MESOAMERICA
Room:  9B (ACC)
Time:  9:45 AM - 12:00 PM
Chairs:  Andrew Turner and Eric Heller

Participants:
9:45  Jennifer Faux—Fingerprinting the Past: A Dermatoglyphic Evaluation of Figurine and Candelero Production at Teotihuacan, Mexico
10:00  Wesley Stoner—Political Boundary Dynamics in the Tuxtla Mountains, Veracruz, Mexico
10:15  Brett Houk—Patterns of Force: Deciphering the Geopolitical Landscape of the Eastern Maya Lowlands
10:30  Eric Heller—A Practice of Polity: Demarcating Ideational Boundaries in the Classic Period Maya Lowlands
10:45  Andrew Turner—East Meets West: Borders and Boundaries in Central Mexico After the Collapse of Teotihuacan
11:00  Elizabeth Paris and Roberto López Bravo—Kings of the Hills: Borders and Boundaries of Early Postclassic Polities in Highland Chiapas
11:15  Cynthia Kristan-Graham—The Frame and the Fold: Spatiality in the Group of the Thousand Columns, Chichén Itzá
11:30  Jeremy Coltman—Chaos and Cosmos: Ceremonial Circuits and Ethnomedicine in the Art and Ritual of Mesoamerica and the American Southwest

[38]  GENERAL SESSION ■ THE ANDEAN WORLD FROM THE FORMATIVE THROUGH THE LATE
Room:  10A (ACC)
Time:  9:45 AM - 12:00 PM
Chair:  Allen Rutherford

Participants:
9:45  Christian Mesia—Convincing the Local and the Foreign: Political Strategies at Chavin de Huántar
10:00  Katharine Davis—House for the Living, Home for the Dead: Mortuary Activity in the Muru Ut Pata Area, Tiwanaku
10:15  Claudine Vallieres—The role of camelids in Tiwanaku society: human-animal relationships within the private and public spheres of an Andean urban center
### Thursday Morning, April 24

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<td>Amy Groleau—Conchopata’s Ceramic “Trophy” Heads: Breaking and Curating Anthropomorphic Vessels in A Wari City</td>
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<td>10:45</td>
<td>Michael Malpass—Sonay: A Reassessment of its Age and Implications for Coastal Wari Sites</td>
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<td>11:00</td>
<td>Joseph Cronin, Augusto Cardona Rosas, Mark Golitko, Patrick Ryan Williams and Maria Cecilia Lozada—Obsidian and Wari Expansion: a View from the Vitor Valley of Southern Peru</td>
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<td>11:15</td>
<td>Bebel Ibarra Asencios—Funeral Traditions in the Peruvian North Highlands during the Late Intermediate Period (AD 1000 – 1500): Perspectives from the Marcajirca Site, Huari, Ancash</td>
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<td>11:30</td>
<td>Kasia Szremski—Tactical Power, Interaction, and Landscape Control during the Late Intermediate Period (1100-1470 CE) in the Huanangue Valley, Peru</td>
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<td>11:45</td>
<td>Allen Rutherford—Maintaining Community in a Sociopolitical Frontier: Recent Data from Cerro Colorado de Huacho, Huaura Valley, Peru</td>
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[39] **FORUM ■ ISSUES AND DIRECTIONS IN PHYTOLITH ANALYSIS**

**Room:** 8B (ACC)

**Time:** 10:00 AM - 12:00 PM

**Moderator:** Thomas Hart

**Participants:**
- Deborah Pearsall—Discussant
- Rosa-Maria Albert—Discussant
- Jose Iriarte—Discussant
- Philippa Ryan—Discussant
- Linda Scott Cummings—Discussant
- Luc Vrydaghs—Discussant

[40] **SYMPOSIUM ■ SUBSISTENCE AND LANDSCAPE CHANGE IN SUB-SAHARAN AFRICA**

(Sponsored by Society of Africanist Archaeologists)

**Room:** 17A (ACC)

**Time:** 10:00 AM - 12:00 PM

**Chair:** Anneke Janzen

**Participants:**
- 10:00 Anneke Janzen and Marie Balasse—Moving Herds: Ancient Pastoral Mobility in Kenya Assessed Through Stable Isotope Analysis
- 10:15 Emily Zimmermann and Stanley Ambrose—Late Pleistocene and Holocene Environmental Reconstruction with micromammals from Ol Tepesi Rockshelter, Central Rift Valley, Kenya
- 10:30 Annemari Antonites—Animal Exploitation in the Limpopo Valley, South Africa
- 10:45 Kristina Douglass—Human-Ratite Interaction in Antsaragnasoba, Southwest Madagascar
- 11:00 Ryan Szymanski—Detection of Human Landscape Modification Associated with Food Production Using Paleoecological Proxy Evidence
- 11:15 Christopher Kiahtipes, Karen Lupo, Dave Schmitt and Alfred Jean-Paul Ndanga—Forest, Field, and Fuel: Changing Landscape Use in Iron Age Central Africa
- 11:30 Emuobosa Orjemie—Late Holocene environmental change and cultural response in south-western Nigeria
- 11:45 Diane Gifford-Gonzalez—Structured deposition: an idea whose time has come in Africanist archaeology
[41] GENERAL SESSION ■ OLD WORLD EMPIRES
Room: 8A (ACC)
Time: 10:15 AM - 12:00 PM
Chair: Elizabeth Bridges

Participants:

10:15 Virginia Herrmann—Local and Imperial Dynamics in a Residential Neighborhood at Assyrian Sam'al (Zincirli, Turkey)

10:30 Peri Johnson, Ömür Harmansah, Ben Marsh and Müge Durusu-Tanrıöver—Mobility and settlement before the lakes and marshes: sediment deposition in the closed basins of the Yalburt Yaylası Archaeological Landscape Research Project

10:45 Jack Fenner and Dashtseveg Tumen—Fit for a Khan: Stable Isotope Analysis of Elite Mongolians from the Mongol Empire Period

11:00 Eunbyul Ko and June-Jeong Lee—Head and legs for dead people, meat for mourners: Animal sacrifice practice of the Xingnu Tombs at Duurlig Nars in Mongolia

11:15 Elizabeth Bridges—Synthesizing Archaeology and Epigraphy: Imperial Vijayanagara through Keladi-Ikkeri Nayaka Inscriptions

11:30 Brett Kaufman—Colonialism contextualized: from Punic African Empire to Roman Subjects at the urban mound of Zita, southern Tunisia

11:45 Zenobie Garrett—Transitional sites in the post-Roman world: Sites Survey Analysis of the Roman and Early Medieval Periods in the Vézère Valley (Dordogne, France)

[42] POSTER SESSION ■ PUEBLOAN SOUTHWEST
Room: Ballroom F (ACC)
Time: 10:30 AM - 12:30 PM

Participants:

42-a Natalie Hill—Houses of the Holy: A Ceremonial Cave Complex in the Northern Rio Grande

42-b William Marquardt—Domestic Violence in the Ancient Puebloan World

42-c Scott Gunn—Interpreting Ancestral Puebloan Settlement Patterns and Spatial Discontinuities Through the Use of Archaeological Predictive Modeling: An Example from the Northern Rio Puerco Basin in Northwestern New Mexico

42-d Dorothy Larson—Learning, Migration, and Identity in the Albuquerque Area during the Late Developmental to Coalition Transition

42-e Abigail Holeman, Adam Watson, Rechanda Lee, Katelyn Bishop and Samantha Fladd—Preliminary Results of Survey and Excavations at a Late Bonito Great House in Chaco Canyon, New Mexico

42-f Ashton Satterlee and Andrew Duff—Vessel Size and Feasting in three Chacoan Great House Communities

42-g Kristin Safi and Andrew Duff—Reconstructing a Great House: A Case Study from West-Central New Mexico

42-h Jacqueline Kocer—Gallina Identity: Examining Projectile Point Style and Raw Material Choices in the Shadow of Chacoan Complexity


42-j Jonathan Dombrosky, Lisa Nagaoka and Steve Wolverton—Abundance of Large Game and Source-Sink Dynamics in the Northern Rio Grande and Mesa Verde at A.D. 1300
Thursday Morning, April 24

42-k Christy Winstead and Amy Hoffman—Mesa verde’s great drought, faunal remains and great Kivas
42-l Amy Hoffman, Christy Winstead, Laura Ellyson and Lisa Nagaoka—Resource Depression within the Ancestral Pueblo Goodman Point Community
42-m Winona Patterson, Todd Scarbrough, Kristin Corl and Fumiyasu Arakawa—Mesmerizing, Sacred Place at Tank Mesa Village in Montezuma Canyon, Utah
42-n Melanie Medeiros and Jocelyn Bernatchez—Exploring Virgin Anasazi Settlement Patterns and Community Structure in the St. George Basin, Southwestern Utah
42-o Kendall McGill—Modern Environmental Datasets and the Reanalysis of Cedar Mesa (Utah) Settlement Patterns
42-p Lisa Nagaoka, Feifei Pan and Steve Wolverton—Modeling hydrology and plant growth in dryland agriculture

[43] POSTER SESSION ■ AMERICAN SOUTHWEST
Room: Ballroom F (ACC)
Time: 10:30 AM - 12:30 PM

Participants:
43-a Danielle Phelps and James T. Watson—Bad Death or Blood Feud? Mortuary Performance and Signaling among Early Farming Communities in the Sonoran Desert
43-b Katrina Erickson and William Reitze—Basketmaker Occupation of the Petrified Forest
43-c Ian Boyce—Copper Bells in the Southwest: Evaluating the Prestige Goods Model
43-d Douglas Craig and Brent Kober—Multi-Household Social Units, Property Rights, and Wealth in Hohokam Society
43-e Leslie Aragon, Connie Darby and T. Kathleen Henderson—Canal Junction, What’s Your Function? A New Type of Water Control Feature in Hohokam Canals
43-f Rebecca Harkness—Track and Shield: Exploring the Connection between Racetracks and Shield Petroglyphs on Perry Mesa
43-g Will Russell—Diachronic, Nonlocal Influence at the Mimbres Site of Galaz
43-h Sara Gabbert, Danielle M. Romero and Barbara Roth—Ceramic Tools and Other Worked Sherds from the Harris Site, NM
43-i Kristin Corl, Angel Pena and Todd Scarbrough—Ritual or War? Burning in the Jornada Mogollon
43-j Muhammad Ali Mendha—Fauna and Identity at Goat Springs Pueblo
43-k Timothy De Smet, Suzanne L. Eckert, Deborah L. Huntley, Kathryn J. Putsavage and Daniel R. Welch—Geophysical and Archaeological Investigations of Depressions at Goat Springs Pueblo, New Mexico (LA285)
43-l Peter Yaworsky and Jerry Spangler—An Initial Inquiry into Fremont Political Unity through the Use of Spatial Data in Nine Mile Canyon, Utah
43-m Laura Short—Raman spectroscopy of earth ovens in south central North America

Room: Ballroom F (ACC)
Time: 10:30 AM - 12:30 PM

Participants:
44-a Gordon Rakita, Shaza Wester Davis and Elizabeth McCarthy—Scratching
the Surface: Surface Sampling of the 76 Draw Site, Luna Country, New Mexico
John Topi, Todd VanPool, Christine VanPool and Gordon Rakita—Architecture and Archaeology at 76 Draw

Andrew Krug, Kyle D. Waller, Christine VanPool and Gordon F.M. Rakita—Shell Exchange and Interaction in the New Mexico Borderlands: Assemblage Diversity and Network Analysis Approaches

Mallary Lieber, Christine Van Pool and Gordon Rakita—Pottery in the Northern Ramos Zone: The Ceramic Assemblage from 76 Draw

Andrew Fernandez, Nicholas Rakita, Andrew Krug, Brent Willhite and Todd VanPool—From Field to Photoshop: Photo Recording, Post Production Image Digitization and Lithic Analysis of a Rock Ring Feature from 76 Draw, New Mexico

Brenton Willhite, Richard Kennedy, Todd VanPool, Christine VanPool and Gordon Rakita—Stone Tool Production in the Medio Periphery: Analysis of Debitage from the 76 Draw Site (LA 156980)

Todd Van Pool, Travis Royall, Christine VanPool and Gordon Rakita—Medio Period Ceramic Traditions and the Northern Ramos Zone

Elizabeth McCarthy, Christine VanPool and Andrew Fernandez—A Comparative Study of Turkey Burials in the American Southwest

Candace Sall and Christine VanPool—Many Shades of Clay: Casas Grandes and Salado Polychrome Pottery at 76 Draw Site, New Mexico

[45] POSTER SESSION ■ APPROACHES TO UNDERSTANDING DESERT PAVEMENT QUARRIES
(Sponsored by Statistical Research, Inc.)
Room: Ballroom F (ACC)
Time: 10:30 AM - 12:30 PM
Chair: Scott Kremkau

Participants:
45-a Kenneth Becker, Scott Kremkau, Steven Shelley and Stephen Norris—A New Approach to Recording Desert Pavement Quarries
45-b Dean Duryea, Scott Kremkau and Kenneth Becker—What's Rocks Got to Do with It: Results of a 10,000-acre Survey at Fort Irwin and the National Training Center
45-c Scott Kremkau, Dean Duryea, Steven Shelley and Mark Sutton—Lithic andscapes in the Mojave Desert

[46] POSTER SESSION ■ THE ANCESTRAL TEWA WORLD: RECENT RESEARCH IN NORTHERN NEW MEXICO
Room: Ballroom F (ACC)
Time: 10:30 AM - 12:30 PM
Chair: Samuel Duwe

Participants:
46-a Nicole East—Clay Procurement Strategies and Population Coalescence in the Ancestral Tewa World, New Mexico
46-b Olivia Brewer and Dr. David Hill—Petrographic Evidence for the Dispersed Production of Abiquiu Black-on-gray Pottery in North-Central New Mexico
46-c Kandy Black—Redefining Tewa Basin Chronology in the Classic Period through the Examination of Tewa Biscuit Wares
46-d Paul Spence—Lithic Procurement at Tsiping‘uinge during the Late Coalition Period
46-e Laura Steele—Investigating the Dynamic Relationship between People
Thursday Morning, April 24

and Turkey in the Pueblo Southwest: The Case Study of Sapawe’uinge
46-f Rachel Burger, J. Andrew Darling and B. Sunday Eiselt—New Perspectives on Sapawe Flutes and Whistles

[47] GENERAL SESSION ■ SOUTHERN SOUTHWEST
Room: 14 (ACC)
Time: 10:45 AM - 12:00 PM
Chair: Michael Searcy

Participants:
10:45 Marco Martinez and Dolores Davalos—Today's Understanding of Casas Grandes' Architectural Variety
11:00 Michael Searcy and Todd Pitezel—Using Ethnoarchaeology to Interpret the First Ground Stone Quarry Discovered in the Casas Grandes Region
11:15 Robert Hard, A. C. MacWilliams and John R. Roney—Settlement Structure in Central and Southern Chihuahua
11:30 Henry Wallace—The Tempo and Process of Culture Change: Two Tipping Points in Hohokam Prehistory
11:45 William Graves and Eric Klucas—Communalism, Household, and Power in the Pre-Classic Tucson Basin

[48] GENERAL SESSION ■ GREAT LAKES
Room: 9A (ACC)
Time: 11:00 AM - 12:00 PM
Chair: Brian Redmond

Participants:
11:00 Susan Kooiman—A Multidimensional Approach to Functional Pottery Analysis: A Case Study in the Upper Great Lakes of North America
11:15 Jeff Chivis—The Identification of Archaeological Social Boundaries in West Michigan and Northwest Indiana: An Integrative Approach
11:30 Brian Redmond—Hilltop Enclosures and Changing Uses of Ritual-ceremonial Space in Woodland Northern Ohio
11:45 Rachel McTavish—Upper Mississippian Large Mammal Butchering Practices: A Case Study from Langford Sites in Northern Illinois
Thursday Afternoon, April 24, 2014

[49A] THE ETHICS BOWL
Room: 9B (ACC)
Time: 1:00 PM - 3:00 PM

[49] GENERAL SESSION ■ MAYA HOUSEHOLD AND COMMUNITY
Room: 16B (ACC)
Time: 1:00 PM - 2:00 PM
Chair: Jason Whitaker

Participants:
1:00 David Rogoff—Using Meta-Data as a Basis for Analyzing Communities Archaeologically
1:15 Jason Whitaker—The San Lorenzo Settlement Cluster: An Investigation into Household Economy in the Mopan River Valley of Western Belize
1:30 Sarah Nicole Boudreaux—Life on the Edge: Models of Maya Community Formation and Development near the Dos Hombres Site Core
1:45 Robyn Dodge—Hun Tun: Home to Social Complexity in the Hinterland.

[50] SYMPOSIUM ■ COLLABORATIVE AND COMMUNITY ARCHAEOLOGY
Room: 18D (ACC)
Time: 1:00 PM - 2:15 PM
Chair: Charles Bello

Participants:
1:00 Carolyn Dillian—Discussant
1:15 Howard Higgins—Ethnological and Archaeological Inventory with the Mescalero Apache Tribe of Potential Traditional Cultural Properties in the Permian Basin MOA Area, New Mexico
1:30 Charles Bello, Alvin J. Windy Boy, Sr. and Robert O'Boyle—Traditional Chippewa-Cree Indian Cultural Education and Awareness Training Program: An Effective Partnership between the Chippewa Cree Tribe of the Rocky Boy Reservation, Montana and the Federal Emergency Management Agency (FEMA)
1:45 James Herbert, Sean P. Connaughton and Mike Leon—Collaboration and Corporations: An Interalist Dialogue
2:00 Lauren Herckis—Why We Tell Them We’re Divorced: When Local Expectations Clash with our Roles as Researchers

[51] SYMPOSIUM ■ NEW ADVANCES IN THE SOCIETY AND ENVIRONMENT OF EARLY CHINA
Room: 8C (ACC)
Time: 1:00 PM - 2:30 PM
Chairs: WengCheong Lam and Zhen Qin

Participants:
1:00 Yan Cai—Native or Foreigner? ---- The Craft Organization of the Qin–Han Empire
1:15 Hao Zhao, Tricia Owlett, Li Liu and Ping Ji—Starch Analysis on the Grinding Stones from Sanzuodian Site
1:30 Zhen Qin—An Exploration of the Process of Agricultural Intensification at Sanyangzhuang Site, Henan Province, China: A Geoarchaeological Approach
1:45 Michael Storozum—The Middle Kingdom Makes Itself: Archaeology of a Built Environment
2:00 Sai Ma—Analysis of the Economic Structure of the Zhouyuan Site in the
Thursday Afternoon, April 24

Shang and Western Zhou Periods
2:15 WengCheong Lam, Jianrong Cong and Xingshan Lei—Interpreting Workshop Food Supply from Faunal Assemblages and the Production Organization of Iron Industry during the Han Era: An Example from Taicheng Iron Foundry

[52] GENERAL SESSION ■ ARCHAEOLOGY AND WATER IN MESOAMERICA
Room: 16A (ACC)
Time: 1:00 PM - 2:30 PM
Chair: Jeffrey Brewer
Participiants:
1:00 William Folan, Raymundo Gonzalez Heredia, Maria del Rosario Dominguez Carrasco, Beniamino Volta and Lynda Florey Folan—Calakmul, Oxpemul and Coba: Hydraulic Patterning on the Karstic Meso and Northern Plain of the Peninsula of Yucatan, Mexico
1:15 John Bowler—Water Management at Cahal Pech
1:30 Kirk French, Timothy Murtha, David Webster, Christopher Duffy and Claire Ebert—Leveraging Water and Power at Tikal?
1:45 David Chatelain—Water, Labor, and Control at the Minor Center of La Cariba, Guatemala
2:00 Jeffrey Brewer and David Hyde—Mapping Medicinal Trail: Hydraulic Modeling at an Ancient Maya Hinterland Community
2:15 Bradley Russell, Carlos Peraza, Enice Uc and Marilyn Masson—Preliminary Underwater Exploration of Cenote Sac Uayum, Mayapán, Mexico

[53] SYMPOSIUM ■ ANIMAL LIFE HISTORIES: INTEGRATIVE ZOOARCHAEOLOGICAL APPROACHES TO INTERPRETATION OF INDIVIDUAL ANIMALS
Room: 10C (ACC)
Time: 1:00 PM - 2:45 PM
Chairs: Robert Losey and Lacey Fleming
Participiants:
1:00 Pamela Cross—Life and Death of a Horse From Roman London: Skeletal Analysis with a Consideration of Pathology Patterning and Activity-related Skeletal Markers
1:15 Carrie Wright and Julia Lee-Thorp—The Ladies of Highfield and the Blokes from Hoy: A New Approach for Detecting Mammal Milk Consumption in the archaeological record
1:30 Kelly Ledford and Tanya Peres—Turkeys of a Feather Flock (and die) Together: Exploring the Management of a Resource in the Southeastern US through Individual Life Histories
1:45 Terrance Martin and Dennis Lawler—Animal Pathologies at French Colonial Sites in the Midwest: Case studies of White-tailed Deer at Forts St. Joseph and Ouiatenon
2:00 Michael Wylde, Ellen Lofaro, Susan deFrance and Paul Goldstein—A Dog Burial from Rio Muerto
2:15 Lacey Fleming—Skeletal Tuberculosis Infection of the Hip? A Literature Review and Case Study of a Prehistoric North American Dog from Middle Tennessee
2:30 Robert Losey and Lesley Harrington—Identifying Sled Dogs Through Bone Functional Adaptation Studies
Thursday Afternoon, April 24

[54] FORUM ■ CULTURAL RESOURCES MANAGEMENT CHALLENGES ON MILITARY LANDS
(Sponsored by Military Archaeological Resources Stewardship (MARS) Interest Group)
Room: 8A (ACC)
Time: 1:00 PM - 3:00 PM
Moderator: E.W. Duane Quates
Participants:
Regina Meyer—Discussant
Jake Fruhlinger—Discussant
Shaun Nelson—Discussant
Laura Carbajal—Discussant
Kendall Campbell—Discussant
James Zeidler—Discussant

[55] FORUM ■ (RE-)DEFINING SPATIAL ARCHAEOLOGY
Room: 8B (ACC)
Time: 1:00 PM - 3:00 PM
Moderator: Katie Simon
Participants:
Jesse Casana—Discussant
Alex Barker—Discussant
Willeke Wendrich—Discussant
Jason Herrmann—Discussant
Eileen Ernenwein—Discussant

[56] SYMPOSIUM ■ BORDERS AND FRONTIERS IN THE PUEBLOAN WORLD
Room: 15 (ACC)
Time: 1:00 PM - 3:00 PM
Chair: David Witt
Participants:
1:00 David Witt—The Study of Borders and Frontiers and Their Role in Chacoan Hegemony
1:15 Paul Reed—Puebloan Occupation of the Middle San Juan and the Chaco Frontier
1:30 Michelle Turner—Frontiers Reconsidered at Chimney Rock
1:45 John Kantner—Borderlands in the Chaco World: The Case of the Dutton Plateau
2:00 Lori Reed, Linda Wheelbarger and David Witt—Ancestral Great Houses in the Northern Borderlands: Chacoan Hegemony at Aztec North and Point Pueblo
2:15 Gary Brown—Beyond Chaco: Testing the Boundaries of the Middle San Juan Region at Aztec
2:30 Bradley Parker—Discussant
2:45 Stephen Lekson—Discussant

[57] SYMPOSIUM ■ NATIVE PEOPLES, ARCHAEOLOGISTS, SACRED SITES AND HUMAN REMAINS IN LATIN AMERICA: SOME CASE STUDIES IN COLLABORATION
Room: 19A (ACC)
Time: 1:00 PM - 3:15 PM
Chairs: Ronald Lippi and Alejandra Gudino
Participants:
1:00 Mario Rivera, Juan Carlos Tonko and Oscar Acuna—Chile and the XIX Century European Human Zoos
1:15 María Etelvina Díaz, María Fernanda Sola and María Virginia Gunther—Urnas del Candire
1:30 Christopher Heaney—Julio C. Tello and Indigenous Archaeology in Peru and North America
1:45 Ronald Lippi, Alejandra Gudino and Estanislao Pazmino—Return of the Yumbos: A cultural happening in Nanegal, Ecuador
2:00 Erika Gonzalez and Gerson Levi Lazzaris—The research, protection and repatriation of human and sacred remains of native people in archaeological research: Brazilian strategies and case studies
2:15 Scott Simmons—The "Ambassadors to the Past" Program on Ambergris Caye, Belize: Embracing an Archaeology for, with, and by Indigenous People
2:30 Patricia McAnany, Adolfo Ivan Batun Alpuche, Sarah Rowe and Maia Dedrick—What Lies Beneath the Basketball Court? Community Archaeology and Managing the Dead
2:45 Randall McGuire—Discussant
3:00 Questions and Answers

SYMPOSIUM ■ WORLDS AT DIFFERENT SCALES: POPULATION INTERACTIONS AND DYNAMICS OVER TIME IN AFRICA
(Sponsored by Society of Africanist Archaeologists)
Room: 17A (ACC)
Time: 1:00 PM - 3:30 PM
Chair: Matthew Pawlowicz

Participants:
1:00 Adrianne Daggett—The View from Bluff’s Edge: South Sowa, Botswana in the Early Iron Age
1:15 Rébecca Janson—Iron Age frontier landscapes and complex societies in the Mandara Mountains (North Cameroon): plains and mountain relationships
1:30 Joan-Mary Ogiogwa—Sungbo’s Eredo: A construct of Socio-political Institution.
1:45 Matthew Pawlowicz—Pursuing the Local in the Swahili World: Survey of Songo Mnara Island, Tanzania
2:00 Vincent Rousseau, Kenneth Kelly and Kelly Goldberg—Sanya Paulia’s rock shelter: Prehistoric contexts in coastal Guinea
2:15 Frank Winchell—The Butana Group and Its Independence from the Central Nile Valley and Predynastic Egypt in the 4th Millennium BC: The Rise of the Eritrean-Sudanese Lowland Culture
2:30 David Nash, Sheila Coulson, Sigrid Staurset, Stewart Ullyott and Mosarwa Babutsi—Provenancing of silcrete artifacts: new insights into Middle Stone Age human behavior from northwest Botswana
2:45 Thomas Fenn—BOTSWANA, SOUTHERN AFRICA AND GLASS BEAD TRADE IN THE INDIAN OCEAN DURING THE 1ST AND 2ND MILLENNIUM AD
3:00 Edwin Wilmsen—Pots and their clays in interior southern Africa ca. cal. 200-2012 AD as identified by microscopic optical petrography
3:15 Phenyo Thebe—Techniques, Style: An Ethnoarchaeological Approach to understanding the social, ethnic and linguistic identity boundaries of pottery production in South Eastern Botswana
Thursday Afternoon, April 24

[59] SYMPOSIUM DAILY PRACTICE AND ENCUULTURED EXPERIENCE: EXPLORING DOMESTIC LIFE AMONG THE MOCHE OF NORTHERN PERU
Room: 19B (ACC)
Time: 1:00 PM - 3:45 PM
Chairs: Ilana Johnson and Michele Koons

Participants:
1:00 Thomas Pozorski and Shelia Pozorski—Domestic Complexity at 1500B.C.: Exploring the Roots of Andean Domestic Practices within Two Casma Valley Residential Components
1:15 Giles Spence-Morrow—Pillars of the Community: Household Social Reproduction, Domestic Mimesis and Cyclical Renovation of Late Moche Ceremonial Architecture at Huaca Colorada, Jequetepeque
1:30 Ilana Johnson—Figures of Moche Past: Examining Identity and Gender in Domestic Artifacts
1:45 Guy Duke—Communities in Motion: Peripatetic Households in the Late Moche Jequetepeque Valley, Peru
2:00 Solsiré Cusicanqui and Luis Jaime Castillo Butters—Behind walls: Cerro Chepén and San Ildefonso, Two Fortified Settlements in the Jequetepeque Valley
2:15 Kari Zobler—Households and Local Resilience at Talambo, Jequetepeque, Perú
2:30 David Pacifico—Urban Households and Social Hierarchy at El Purgatorio, Peru
2:45 Robyn Cutright—Continuity and Change in Late Intermediate Period Households on the North Coast of Peru
3:00 Dana Bardolph—Evaluating Food, Identity, and Moche Valley Society through Archaeobotany
3:15 Brian Billman—Discussant
3:30 Edward Swenson—Discussant

[60] SYMPOSIUM WHAT IS UP THERE? A CROSS-CULTURAL PERSPECTIVE ON THE FUNCTIONS, SYMBOLISMS, AND TRANSFORMATIONS OF HILLTOP SETTLEMENTS IN THE OLD AND NEW WORLDS
Room: 18C (ACC)
Time: 1:00 PM - 3:45 PM
Chairs: Juliette Testard and Marion Forest

Participants:
1:00 Marion Forest and Juliette Testard—What is up there? An Introduction to Common Issues with the Use of Hilltop Settlement Concept in Archaeology.
1:15 Maria Teresa Salomon Salazar—Entre los cerros del Epiclásico: el valle de Puebla-Tlaxcala
1:30 Juan Ignacio Macias and Citlallitl Villagran Prieto—Shrines on High Places: An Analysis of Settlements on Hilltops in North Central Mexico During the Epiclassic (600-900 A.D.)
1:45 Karine Lefebvre—Vocación defensiva – vocación simbólica: nueva mirada sobre los asentamientos encaramados en el valle de Acámbaro durante el Postclásico tardío
2:00 Thibault Saintenoy and Romuald House—Hilltop Settlement in the Late Prehispanic Andes: A Global Review of the Pukara Phenomenon through Ethnohistory and Geomatics
Thursday Afternoon, April 24

2:30  Colleen Strawhacker and Jonathan Sandor—Maintaining Soil Quality in Irrigated and Dryland Agricultural Fields: A Comparative Study of Upland and Lowland Environmental Impacts in the Hohokam Region in the U.S. Southwest

2:45  Sergio Suárez—Cholula y su paisaje. La utilización del paisaje cultural en la conformación de los calendarios de horizonte.

3:00  Fanny Dutillieux—Chamba, Center of the Himalayas? Human Appropriation of a Mountainous Landscape

3:15  Kenneth Hirth—Discussant

3:30  Charlotte Arnauld—Discussant

[61] SYMPOSIUM ■ “PRECLASSIC MAYA CIVILIZATION IS NO LONGER A CONTRADICTION IN TERMS”: A SESSION IN HONOR OF NORMAN HAMMOND ON THE LAST FORTY YEARS OF PRECLASSIC MAYA RESEARCH. PART 2
Room: Ballroom E (ACC)
Time: 1:00 PM - 3:45 PM
Chair: Francisco Estrada-Belli

Participants:
1:00  Sandra Balanzario, Erik Velasquez and Karina—Ichkabal. Un asentamiento del Preclasico Medio. Primeras investigaciones
1:15  Kathryn Reese-Taylor—The Preclassic Landscape of Yaxnohcah
1:30  AnaBeatriz Balcarcel, Richard Hansen and Edgar Suyuc-Ley—Genesis Maya: How the work in the Mirador Region Reshaped the Course of Preclassic Maya Research
1:45  Jessica MacLellan, Takeshi Inomata and Daniela Triadan—The Foundation of a Very Early Maya Ceremonial Center: Investigations at Ceibal, Guatemala, Since the Harvard Seibal Project
2:00  James Doyle—New Light on the Late Middle Preclassic (600-300 BC): Lessons Learned Since the Curl Lecture, 1985
2:15  Mary Jane Acuña—Bundles of Kingship and Wealth: the Iconography on Structure 5C-01-sub 4 at El Achiotal, a frontier site in northwestern Petén.
2:30  Astrid Runggaldier, William Saturno and David Stuart—From Village to City: Contributions from San Bartolo’s Architecture, Art, and Writing in Revealing the Development of Preclassic Lowland Maya Culture.
2:45  Nina Neivens De Estrada and Mary Neivens—The first Maya ceramics; and the mother-daughter team who glue them together
3:00  Francisco Estrada-Belli—Preclassic Maya Civilization. A perspective from the Holmul region
3:15  Norman Hammond—Discussant
3:30  Questions and Answers

[62] SYMPOSIUM ■ ICONOGRAPHY OF THE GULF COAST
Room: 9A (ACC)
Time: 1:00 PM - 3:45 PM
Chairs: Cherra Wyllie and Sara Ladron De Guevara

Participants:
1:00  Sara Ladron De Guevara—Cuerdas y bandas cruzadas. La herencia de símbolos de poder olmecas.
1:15  Carolyn Tate—U-shaped platforms along the Gulf Coast and beyond
1:30  Billie Follensbee—How Essentializing Essentially Leads to the Wrong Conclusions: The Varied Roles of Female Olmec and Olmec-Related Figures
Thursday Afternoon, April 24

1:45  Octavio Quesada—Olmec Iconography: Prevalence of Naturalistic and Abstract Signs in a Visual Language

2:00  Lourdes Budar and Philip J. Arnold III—Olmec style sculpture on the Sierra de Santa Marta, Los Tuxtlas, Veracruz: Reflections.


2:30  Rex Koontz—The Place of Palma Imagery in Classic Veracruz Iconography

2:45  Chantal Huckert—Algunas Figuras en la Vestimenta de las Figurillas Sonrientes en el Museo de Antropología de Xalapa (MAX)

3:00  Kim Richter—The Iconography of Postclassic Huastec Sculptures

3:15  Katherine Faust—The Iconography of Huastec Engraved Shell Ornaments and Ceramics

3:30  Questions and Answers

[63] SYMPOSIUM ■ FEEDING TEOTIHUACAN: INTEGRATING APPROACHES TO STUDYING FOOD AND FOODWAYS OF THE ANCIENT METROPOLIS

Room: 10B (ACC)
Time: 1:00 PM - 3:45 PM
Chairs: Nawa Sugiyama and Andrew Somerville

Participants:
1:00  Ian Robertson, Oralia Cabrera Cortés, Rubén Cabrera Castro, Marisol Correa Ascencio and Richard Evershed—Ceramic Evidence for Urban Subsistence Practices at Teotihuacan
1:15  Martin Biskowski—Staple Food Preparation at Teotihuacan
1:30  Etsuko Niwa and Saburo Sugiyama—Feathered Serpent and Flowering Trees: Interpreting Images of Food and Reproduction Cycles in Teotihuacan
1:45  Diana Martinez-Yrizar and Emily McClung de Tapia—The potential of paleoethnobotanical evidence in the study of Teotihuacan foodways
2:00  Rebecca Storey and Randolph Widmer—Skeletal Health and Patterns of Animal Food Consumption at S3W1:33 (Tlajinga 33), Teotihuacan
2:15  Nawa Sugiyama, Raúl Valadez and Bernardo Rodríguez—Faunal acquisition, maintenance and consumption: How the Teotihuacanos got their meat
2:30  Andrew Somerville, Nawa Sugiyama and Margaret Schoeninger—An Isotopic Investigation of Lagomorph Management and Breeding at Teotihuacan, Mexico
2:45  Isabel Casar, Pedro Morales, Edith Cienfuegos and Francisco J. Otero—Stable Isotope Paleodietary Reconstruction of Teopancazco Teotihuacan
3:00  Linda Manzanilla—Discussant
3:15  Scott Fedick—Discussant
3:30  Questions and Answers

[64] SYMPOSIUM ■ ESTABLISHING A BIOARCHAEOLOGY OF COMMUNITY

Room: 17B (ACC)
Time: 1:00 PM - 4:15 PM
Chairs: Sara Becker and Sara Juengst

Participants:
1:00  Ann Kakaliouras—Theory in the Bioarchaeology of Community: Potentials, Pitfalls, and the “Population Problem”
1:15  Sara Becker—Community Labor and Laboring Communities within the Heartland and Hinterlands of the Tiwanaku State (AD 500-1100)
Thursday Afternoon, April 24

1:30 Sara Juengst—Ritual Relationships: Communities and Connections in the Formative Lake Titicaca Basin
1:45 Anna Novotny—Defining Community in the Upper Belize River Valley during the Late Classic Period: A Micro-regional Bioarchaeological Approach
2:00 Krystal Hammond, John Crandall and Debra Martin—Networked Neighbors or Competing Villages? Using Bioarchaeological Data to Test Models of Regional Community Organization in the Ancient Southwest
2:15 Jered Cornelison, Wendy Lackey-Cornelison and Lynne Goldstein—Emblematic Identities of the Effigy Mound Manifestation: Symbolic Patterns and Variability in the Late Woodland, Southern Wisconsin
2:30 Ashante Reese and Rachel Watkins—Ancestry in Progress: The Construction of a Descendant Community for a Cadaver Skeletal Collection
2:45 Benjamin Valentine—Finding Community in the Contrasts: A Bioarchaeological Methodology for Theorizing Community
3:00 Kristina Killgrove and Sarah Bond—Communities of Foreigners in Roman Cemeteries (1st-3rd c AD)
3:15 Sylvia Deskaj—The Walking Dead: Establishing and Maintaining Community in Northern Albania
3:30 William Meyer—Discussant
3:45 Christopher Stojanowski—Discussant
4:00 Deborah Blom—Discussant

[65] SYMPOSIUM ■ CYBER-ARCHAEOLOGY IN THE MIDDLE EAST - METHODOLOGIES ON THE NEW FRONTIER OF DIGITAL FIELDWORK
Room: 11AB (ACC)
Time: 1:00 PM - 4:30 PM
Chairs: Aaron Gidding, Matthew Vincent and Thomas Levy

Participants:
1:00 Rona Winter-Livneh, Tal Svoray and Isaac Gilead—Shape reproducibility of prehistoric dwellings in the southern Levant (Israel)
1:15 Dani Nadel, Reuma Arav, Guy Bar-Oz, Uzi Avner and Sagi Filin—High-Resolution ‘Desert Kites’ Documentation and Analysis: The Use of LiDAR Scanner in a Visibly Complex Environment
1:30 Jason Ur, Bjørn Menze and Matthieu Murdoch—LiDAR and the Structure of an Assyrian City: A Case Study from Erbil, Kurdistan Region of Iraq
1:45 Sagi Filin, Vera Miller, Dani Rosenberg and Dani Nadel—Photogrammetry and 3D modeling of bedrock features (mortars and cupmarks)
2:00 Matthew Howland, Thomas Levy and Falko Kuester—Archaeological Survey and GIS-based Investigation into Site Formation Processes through Balloon Photography and Structure from Motion
2:15 Thomas Levy—Transdisciplinary Research and Historical Biblical Archaeology: Cyber-Archaeology and the Museum of the Future
2:30 Questions and Answers
2:45 Matthew Adams and Adam Prins—Digital Archaeological Fieldwork and the Jezreel Valley Regional Project
3:00 David Schloen—The Data Lifecycle at Zincirli (Iron Age Sam’al) in Turkey
3:15 Aaron Gidding and Thomas Levy—Parsing the Data: The Development and Utilization of ArchaeoSTOR for Ceramic Analysis
3:30 Avshalom Karasik—The digital era – archaeological documentation and analysis at the Israel antiquities authority
3:45 Anne Austin—Developing mobile-based digital forms for archaeological data collection
Thursday Afternoon, April 24

[66] SYMPOSIUM ■ LEGACIES OF THE MIMBRES FOUNDATION: SHAPING THE FUTURE OF MIMBRES REGION ARCHAEOLOGY
Room: Ballroom B (ACC)
Time: 1:00 PM - 4:30 PM
Chairs: Patricia Gilman and Roger Anyon

Participants:
1:00 William Doelle—the Mimbres Foundation in the History of Nonprofit Archaeology
1:15 Karen Schollmeyer, Michael Diehl and Jonathan Sandor—Variability in Mimbres Food and Food Procurement
1:30 Roger Anyon and Barbara Roth—Changing Perspectives on Pithouse Period Occupations in the Mimbres Region
1:45 Jakob Sedig, Stephen Lekson and Barbara Roth—Making the Transition: A Reassessment of Mimbres Pithouse-to-Pueblo Period
2:00 Patricia Gilman, Darrell Creel and Thomas Gruber—Maintaining Social Cohesion in Classic Mimbres Pueblos
2:15 Elizabeth Toney, Robert Stokes and Aaron Woods—Social Contexts And Community Organizational Roles Of Classic Period Small Sites
2:30 Margaret Nelson and Michelle Hegmon—Mimbres Continuity and Change
2:45 Matthew Taliaferro, Katy Putsavage, Steve Swanson and Deb Huntley—The Postclassic of Southwestern New Mexico: Regional Variation in the Mimbres Area ca. A.D. 1150-1500
3:00 Darrell Creel—Changing Social Contexts of Mimbres Ceramic Production and Distribution
3:15 Michelle Hegmon, Will Russell, James McGrath and Michael O’Hara—MIMBRES POTTERY DESIGNS IN SOCIAL CONTEXT
3:30 Ben Nelson and Paul Minnis—Connectivity of Social Change in Mimbres and Points South
3:45 Harry Shafer—Discussant
4:00 Steven LeBlanc—Discussant
4:15 Patty Watson—Discussant

[67] SYMPOSIUM ■ ARCHAEOLOGY, DEATH, AND CHANGE IN ANCIENT ARABIA
Room: 18A (ACC)
Time: 1:00 PM - 4:15 PM
Chairs: Kimberly Williams, Lesley Gregoricka and Gwen Robbins Schug

Participants:
1:00 Eugenio Bortolini—Fashion or social meaning? Analysing change in monumental burials of prehistoric eastern Arabia
1:30 Kimberly Williams and Lesley Gregoricka—The 3rd Millennium BC Mortuary Landscape of Dhank, Oman: Evidence of Transition between the Hafit and Umm an-Nar Periods.
1:45 Guillaume Gernez and Jessica Giraud—The graveyards of Adam, Oman
2:00 Olivia Munoz—The collective burials in the Oman Peninsula during the Early Bronze Age (3rd mill. BC) : the social implications of increasing complexity in funerary practices
2:15  Gwen Robbins Schug—A Hierarchy of Values: Order, complexity, and agency at Harappa

2:30  Augusta Bunting, Judith Littleton and Peter Sheppard—Cosmopolitan Populations? Strontium Isotope Analysis from ed-Dur, UAE

2:45  Ashley McGarry and Judith Littleton—An unusual case of burned remains from Bahrain: a violent incursion?

3:00  Marta Sobur—Sustainability in Early Dilmun Mortuary Economy

3:15  Jill Weber, Kimberly D. Williams and Lesley Gregoricka—Animals and the Changing Landscape of Death on the Oman Peninsula, 3rd Millennium BC

3:30  Lesley Gregoricka and Kimberly Williams—Regional mobility in the land of Magan: Strontium and oxygen isotope analysis at the Al Khubayb Necropolis, Oman

3:45  Debra Martin, Anna Osterholtz, Kathryn Baustian and Daniel Potts—The Tomb at Tell Abraq (2200-2000 BC): Demographic Structure and Mortuary Complexity

4:00  Peter Magee—Discussant

[68]  SYMPOSIUM ■ STEWARDSHIP, PUBLIC EDUCATION, AND PRESERVATION: PROMOTING THE VALUE OF ARCHAEOLOGICAL COLLECTIONS AND RESEARCH
(Sponsored by SAA Committee for Museums, Collections, and Curation)
Room: 9C (ACC)
Time: 1:00 PM - 4:30 PM
Chairs: HB Thakar and Cynthia Bettison

Participants:
1:00  John Johnson, Ernestine Ygnacio-De Soto and Paul Goldsmith—The Making of “6 Generations:” A Collaborative Filmmaking Experience

1:15  Anne Jensen—Nuvuk, Walakpa and Beyond: Heritage and Archaeology on the North Slope of Alaska

1:30  Loa Traxler—After the Apocalypse - Engagement with Maya Cultural Heritage through Archaeology, Collections, and Museums

1:45  Jamie Merewether—Working with the Public at Crow Canyon Archaeological Center in Southwestern Colorado

2:00  Sheila Goff—Collaborative Relationships and Amazing Museum Collections Combine To Bring Archaeology to Broader Audiences

2:15  Questions and Answers

2:30  Elizabeth Sutton—Anthropology: What’s It To You? Inspiring a Life-Long Love of Anthropology Though Authentic Experience at the Utah State University Museum of Anthropology

2:45  Jeannine Pedersen—There is a New Curation Facility in Town: Strategies for the Development of Educational Programming, Outreach and Social Media

3:00  Geralyn Ducady, Mariani Lefas-Tetenes, Sarah Sharpe and Christopher Audette—Museum Education and Archaeology: Using Objects and Methodology to Teach 21st-Century Skills in Middle School

3:15  Danielle Benden—From the Repository to the Classroom: Artifacts As A Portal To The Past

3:30  Larry Baker—Architecture: Structural Preservation in Northwestern New Mexico and the Need for Funding

3:45  Ad Muniz, Margie Burton and Cindy Stankowski—
Thursday Afternoon, April 24

Archaeology: Making It Relevant
4:00 David Thomas—Discussant
4:15 Kevin Smith—Discussant

SYMPOSIUM ■ EARLY HUMAN OCCUPATION DURING THE ICE AGE IN THE AMERICAS: NEWS DIRECTIONS AND ADVANCES
Room: 14 (ACC)
Time: 1:00 PM - 4:45 PM
Chairs: Rafael Suarez and Astolfo Araujo

Participants:
1:00 Theodore Schurr—New Genetic Perspectives on the Colonization of the Americas
1:15 James Adovasio, JM Adovasio and DR Pedler—Late Pleistocene Occupation(s) in Eastern North America
1:30 Daniel Amick—Late Pleistocene Archaeology of the North American Great Plains
1:45 Bonnie Pitblado—Earlier and Higher than You Thought: The Peopling of the Rocky Mountains
2:00 Ciprian Ardelean—Early hunter-gatherers and first human occupations at the end of the Ice Age and the Early Holocene in the Zacatecas desert, Mexico
2:15 Kurt Rademaker, Gregory Hodgins, Gordon Bromley and Daniel Sandweiss—Late-glacial settlement of the high Peruvian Andes
2:30 Umberto Lombardo, José M. Capriles and Heinz Veit—The paleoenvironments and adaptive strategies of the first Amazonian hunter-gatherers
2:45 César Méndez Melgar, Omar Reyes, Amalia Nuevo Delaunay, Juan Luis García and Antonio Maldonado—the initial peopling of continental Aisén: problems faced, recent results and research projections
3:00 Astolfo Araujo—Late Pleistocene / Early Holocene Human Occupations in Brazil: An Overview and Future Research Directions
3:15 Mercedes Okumura and Astolfo Araujo—Assessing shape variation of Early Holocene bifacial points from South-eastern and Southern Brazil using a geometric morphometric approach
3:30 Rafael Suarez—The Early Peopling of the Uruguay Middle River: New data, recent advances and perspectives
3:45 Maria Gutierrez and Gustavo Martinez—Archaeological research contributions to the study of early human occupations in the Pampean region of Argentina: progress and new directions
4:00 Nora Franco and Pablo Ambrústolo—Raw material transport and early designs at the southern end of the Deseado Massif (Patagonia, Argentina)
4:15 Luis Borrero—Discussant
4:30 Tom Dillehay—Discussant

SYMPOSIUM ■ LIGHTING DARK PASSAGES PART 2: CELEBRATING THIRTY YEARS OF JAMES E. BRADY’S CONTRIBUTIONS TO CAVE ARCHAEOLOGY
Room: 12AB (ACC)
Time: 1:00 PM - 4:45 PM
Chairs: C. L. Kieffer and Jon Spenard

Participants:
1:00 Paulo Medina and Mario Giron-Ábrego—Mesoamerican Caves: Supernatural Ideas, Real Places
1:15 Donald Slater—A New Look at Old Faces in Maya Caves
1:30 Tim Tucker—The Map of Cuauhtinchan II and the Valley of Teotihuacan
Thursday Afternoon, April 24

1:45  Toni Gonzalez and Helen Haines—Bats, Bones, and Bells: Towards a Greater Understanding of Ancient Maya Chultun Use at Ka’Kabish, Belize

2:00 Cristina Verdugo, Toni Gonzalez and Helen Haines—An Analysis of Skeletal Material from Chultuns C-1 and B-2 at Ka’Kabish, Belize: A Reconsideration of the Mortuary Function of Chultuns

2:15 Joseph Orozco—An Examination Of Faunal Remains From Midnight Terror Cave

2:30 Adam Solano, Melanie Saldaña, Toni Gonzalez and Cristina Verdugo—Ballcourts, Sweatbaths and Caves: Sacred Landscape at Chawak But’o’ob

2:45 Caitlin Stewart and Gabriel Wrobel—A New Approach for Calculation of MNI in Commingled Remains: Mortuary Analysis of Caves Branch Rockshelter, Belize

3:00 Joshua Burbank, Amy Michael, Gabriel Wrobel and Rebecca Shelton—Interpreting a Specialized Cache of Human Remains in Actun Kabul, Central Belize

3:15 Megan Parker and Christopher Morehart—Culture vs. Behavior: Can We use Archaeobotanical Data from Ritual Contexts in the Maya Lowlands to Document Environmental Change?

3:30 Logan McNatt—Composite Three-Prong Censers From Caves in the Maya Lowlands

3:45 Jon Spenard—Ancient Maya Eminent Domain: Terminal Classic Period Royal Appropriation of Actun Lak Cave, Cayo District, Belize

4:00 Cameron Griffith—Cave Use, Ritual Apotheosis, and Tribute to the God(s) of the Ancient Maya Underworld

4:15 Holley Moyes—Discussant

4:30 Questions and Answers

[71] SYMPOSIUM  PALEOLITHIC PARADIGMS: PAPERS IN HONOR OF GEOFFREY CLARK

Room: Ballroom G (ACC)

Time: 1:00 PM - 5:00 PM

Chairs: Michael Neeley, Jane Peterson and Julien Riel-Salvatore

Participants:

1:00  Jane Peterson—Integrating local perspectives: an early Neolithic case from southern Jordan

1:15  Maysoon Al Nahar—Tell Abu es Suwwan: Neolithic typology and technology

1:30  Michael Neeley—Changing settlement organization in the late Pleistocene of the southern Levant

1:45  Nancy Coinman and Jake Fox—The MP/UP transition and Early UP in the Wadi al-Hasa: Paradigmatic changes in Levantine prehistory

2:00  Isaac Ullah—From a world of compasses, paper, and pencils to the digital era: how to integrate “pre-GPS” survey data into a modern research paradigm

2:15  Brett Hill—The Defender

2:30  Alan Simmons—Discussant

2:45  Joseph Schudlenrein—Discussant

3:00  Manuel Gonzalez-Morales, Igor Gutiérrez-Zugasti and David Cuenca-Solana—The Asturian after Geoff Clark: new perspectives, new evidence

3:15  Julien Riel-Salvatore—The Uluzzian and the epistemology of the Middle-Upper Paleolithic transition

3:30  Seonbok Yi—From Hang Cho to Rashaan Khad - East Asia at 40,000 BP and after

3:45  Mary Stiner—Finding a common band-width: Causes of convergence and diversity in Paleolithic beads

4:00  Neal Ackerly—Dabbling with Descartes: Contingent knowledge and evil
demons in archaeology

4:15 C. Michael Barton, Julien Riel-Salvatore, Peter Bleed, Steven Kuhn and Peter Hiscock—Lithic technology and human ecology: An evidence-based paradigm for archaeological research
4:30 Lawrence Straus—Discussant
4:45 Paul Mellars—Discussant

[72] SYMPOSIUM ▼ TECHNOLOGY AND TRADITION IN MESOAMERICA AFTER THE SPANISH INVASION
Room: 18B (ACC)
Time: 1:00 PM - 5:00 PM
Chair: Rani Alexander

Participants:
1:00 Patricia Fournier, Cynthia L. Otis Charlton and Alejandro Pastrana—Postconquest Technological Innovation and Outcomes in Ceramic Traditions in Central Mesoamerica
1:15 Alejandro Pastrana—OBSIDIANA - CONTINUIDAD PREHISPÁNICA E INTEGRACIÓN EN EL PERIODO COLONIAL TEMPRANO, CENTRO DE MÉXICO.
1:30 Bridget Zavala and Patricia Fournier—Gazing Mesoamerica from Nueva Vizcaya: Postconquest Technological Developments and Identity Among the Tepehuan and Other Indigenous Groups
1:45 Stacie King and Elizabeth Konwest—New Materials – New Technologies? Postclassic and Early Colonial Technological Transitions in the Nejapa Region of Oaxaca, Mexico
2:00 Judith Zeitlin and Andrew J. Webster—Feeding the Senses: Technologies of Taste and Pleasure in Colonial Tehuantepec, Mexico
2:15 Krista Eschbach—Ceramic Traditions at the Port of Veracruz, Mexico: Four Centuries of Persistence and Transformation
2:30 Elizabeth Newman and Karime Castillo Cárdenas—Cultural Continuity and Adaptation in Nineteenth-Century Ceramics in Atlixco, Mexico
2:45 Questions and Answers
3:00 Mario Castillo and Janine Gasco—Post-Contact Agriculture and Material Culture Change in Soconusco, Chiapas, Mexico
3:15 Joel Palka—Metal Tools in Lacandon Maya Economics
3:30 Jeb Card—How Much Technology Transfer Occurred in Early Colonial Central America?
3:45 Kathryn Sampeck—An Archaeology of Indigo: Modernity and the Landscape of Obrajes in the Izalcos Region of Western El Salvador
4:00 Tracie Mayfield, David Pendergast and Elizabeth Graham—Consumerism, Industrialism, and Agriculture: Consumption and Productive Practices at Lamanai, Belize, During the Nineteenth Century
4:15 Hector Hernandez—Technological Change of Henequen Desfibradora Machine during Yucatan’s Gilded Age
4:30 Rani Alexander and Nina Williams—Norias, Cenotes, and Rejolladas: Changes in Yucatán’s Hydrogeologic Landscape after the Spanish Invasion
4:45 Anthony Andrews—Discussant

[73] SYMPOSIUM ▼ MARKING THE LAND: HUNTER-GATHERER CREATION OF MEANING WITHIN THEIR SURROUNDINGS
Room: 13AB (ACC)
Time: 1:15 PM - 4:30 PM
Chairs: Robert Whallon and William Lovis
Thursday Afternoon, April 24

Participants:

1:15 Claudio Aporta—Land, snow, ice and water: Reflections on the physical nature of Inuit routes

1:30 Robert Jarvenpa and Hetty Jo Brumbach—Initializing the Landscape: Chipewyan Construction of Meaning in a Recently Occupied Environment

1:45 William Lovis—Landscape Marking and Network Maintenance in Big Rough Spaces with Few People: “It’s Dangerous to Travel Alone”

2:00 Gustavo Politis—Signs in the Forest: Territorial Markers of the Tropical Forest Hunter-Gatherers of South America

2:15 Mitsuo Ichikawa—Marks on the Landscape for Reconstructing the Past among the Hunter-gatherers in Central Africa

2:30 Carolyn O’Meara—Physical and linguistic marking of the landscape – Are they connected?

2:45 Stephen Loring—“These names,” she said, “these people, are our road signs.” Social obligations, toponymy, and wayfinding in the barrenlands of northern Canada.

3:00 Karen Lupo and Dave Schmitt—Land-Use and Landscape Features among Foragers and Farmers in the Northeastern Congo Basin

3:15 Frank Marlowe—Hadzaland

3:30 Akira Takada—Deployment of cultural meanings in the Central Kalahari

3:45 Petronella Vaarzon—Morel—Continuity and change in warlpiri practices of marking the landscape

4:00 Robert Whallon—Sacred Locales among Hunter-Gatherers

4:15 Questions and Answers

(Sponsored by History of Archaeology Interest Group)

Room: Ballroom C (ACC)

Time: 1:15 PM - 4:30 PM

Chairs: Patrick Trader and Bernard Means

Participants:

1:15 Anne S. Dowd—Notes on an Interview with Tatiana Proskouriakoff

1:30 Katie Kirakosian—“Soon the archaeological world will hear from New England”: Maurice Robbins and the remaking of Massachusetts archaeology


2:00 Maureen Meyers and Richard Jefferies—C.G. Holland: Archaeological Survey in a Cultural Crossroads

2:15 Patrick Trader—Pioneering Archaeology in the Mountain State: The Career of Edward V. McMichael


2:45 Questions and Answers

3:00 George Crothers—The Cave Research Foundation Archaeological Project and the Eastern Agricultural Complex

3:15 Cheryl Ann Munson, Cheryl Ann Munson and April K. Sievert—James Kellar, Indiana’s Mid-Century Modern Archaeologist

3:30 Michael Wiant—Archaeology Large and Small: The Foundation of Stuart Struver’s Legacy

3:45 Thomas Emerson and Dale McElrath—from squares to sites – exposing the archeological record in Illinois
Thursday Afternoon, April 24

4:00  Mark Wagner—Longhouses and Peace Medals: Elaine Bluhm Herold and the Beginning of Contact Period Archaeology in Illinois
4:15  Bernard Means—Discussant

[75]  SYMPOSIUM ■ INTEGRATED HISTORICAL ECOLOGY OF HUMAN ECODYNAMICS: AN APPLIED ARCHAEOLOGY FOR FUTURE EARTH
Room: 10A (ACC)
Time: 1:15 PM - 4:45 PM
Chairs: Christian Isendahl and Jago Cooper

Participants:
1:15  Sander Van Der Leeuw—Learning from the Past, but for the Future
1:30  Thomas McGovern—The GHEA Vision: Connecting Communities and Promoting Collaboration
1:45  Carole Crumley—Continental Europe
2:00  Andrew Dugmore—Comparative Island Ecodynamics and the ‘Conservation of Fragility’ in the North Atlantic
2:15  Katherine Spielmann and Margaret Nelson—Vulnerabilities to Food Security: Contributions from the Prehistoric US Southwest
2:30  Vernon Scarborough, Joel Gunn, Lisa Lucero, Arlen Chase and Diane Chase—A Complex World at another Scale: Maya Hierarchy and Social Change
2:45  Christian Isendahl, William Woods, William Balée, Lillian Rebellato and Sanna Saunaluoma—Past Amazon and Future Earth
3:00  Paul Sinclair, Paul Lane and Anneli Ekblom—The Future Past: Applied Historical Ecology in Southern and Eastern Africa
3:15  Tony Wilkinson, Dan Lawrence and Graham Philip—The Fragile Crescent: Long Term Adjustments to Changing Political and Environmental Changes
3:30  Jago Cooper—Small Island States for Future Earth
3:45  Joseph Tainter—Discussant
4:00  Stephen Jackson—Discussant
4:15  Frans Berkhout—Discussant
4:30  Questions and Answers

[76]  POSTER SESSION ■ ARCHAEOLOGICAL PRACTICE, COLLABORATION, INTERPRETATION, AND OUTREACH
Room: Ballroom F (ACC)
Time: 2:00 PM - 4:00 PM

Participants:
76-a  Matthew Luke—Interactive Interpretative Technologies
76-b  Erin Hogg and John R. Welch—What Does Collaborative Archaeology Mean to You?
76-c  Philip Carr—Team-Based Learning in an Undergraduate Archaeological Method and Theory Course
76-d  Joseph Beaver and Ian Buck—Teaching Hunter-Gatherer Lifeways through Gamification
76-e  Catherine Prescott, Nathan Goodale and Alissa Nauman—Cooking for the Camp: An Archaeological Field School Cookbook
76-f  Plácido Cali and Marianne Sallum—CULTURAL HERITAGE EDUCATION PROGRAMS IN BRAZIL: SHARING EXPERIENCES WITH LOCAL COMMUNITIES
76-g  Jessica Howe and Jodi Barnes—Pots and Pipes from the Austin Site: Public Archaeology in Southeast Arkansas
Thursday Afternoon, April 24

[77] POSTER SESSION ■ ISSUES IN MANAGING ARCHAEOLOGICAL SITES, ARTIFACT COLLECTIONS, AND CULTURAL RESOURCES
Room: Ballroom F (ACC)
Time: 2:00 PM - 4:00 PM

Participants:
77-a Martha Graham and Nell Murphy—Inside a Mediator’s Toolkit: Reframing Cultural Resource Compliance in the Context of Alternative Dispute Resolution
77-b Alex Nyers and Karl Vollmer—Archie - The Development and Implementation of an Open Source Archaeological Database System
77-c Ruth Trocolli, Christine Ames and Chardé Reid—Collections Crisis in the Nation’s Capital
77-d Leslie Reeder-Myers—Climate Change and the Archaeological Record of North America’s Coasts
77-e Marion Smeltzer and Bev Chiarulli—Preservation methods go high Tech through 3 D Scanning.
77-f Anne Vawser—Does Archeological Site Monitoring Work? The National Park Service’s Midwest Region’s Ranger Monitoring Program
77-g John Doershuk, Mary De La Garza and Colleen Eck—I-SitesGov: Expanding Access to the Iowa Site File for Project Planners
77-h Dominique Alhambra, Stephen Lensink and Teresa Rucker—The Negatives and Positives of Preserving Iowa’s Archaeological Photographs
77-i Luke Schulze and Ruth M. Van Dyke—Castro Colonies Living History Center, the Jacob Biry House, Castroville, Texas: A Preliminary Investigation
77-j Robert OBoyle, Alvin Windy Boy, Virginia O’Boyle, Jason Brown and Duncan Standing Rock Sr. —Success and Opportunity: Consultation, Federal Agencies, and Indian Country
77-k Mark Slaughter, Steve Daron, Patricia Hicks, Mark Boatwright and Kelly Turner—The Southern Nevada Public Land Management Act: Recent Archaeological Achievements
77-l Lawrence Todd—Archaeology in a Smoldering Landscape: High elevation, post-fire Research in the Greater Yellowstone Ecosystem, Wyoming.
77-m Paul Burnett—Adaptive Management in the Niobrara Oil Play: Probability Modeling for Cultural Resources
77-n Justin Williams and Matthew Landt—Colorful Interpretations: Innovative Uses of MAN Analysis in a CRM Setting
77-o Zaida Darley and E. Christian Wells—The Price of Paradise: Tourism’s Impact on Archaeological Resources in Placencia, Belize

[78] POSTER SESSION ■ ARCHAEOLOGY, TRADITIONAL KNOWLEDGE, AND NATIVE AMERICAN PEOPLES
Room: Ballroom F (ACC)
Time: 2:00 PM - 4:00 PM

Participants:
78-a Erika Blecha, Mary Bobbitt, Bethany Hauer, Linwood Tallbull and Kelly Dixon—Examining Landscape Transformations at Oévemanâhéno: The Use of Modern and Traditional Methods at an Early Reservation-Era Community along the Tongue River on the Northern Cheyenne Reservation
78-b Mary Bobbitt, Bethany Hauer, Ayme Swartz, Erika Blecha and Kelly J. Dixon—Landscape Reconstruction of the Fort Missoula Historic Dump and Grant Kohrs Ranch National Park
78-c Sharlot Hart—Setting the Record Straight: An Ethnography of Montezuma Castle and Tuzigoot National Monuments
78-d Rechanda Lee and Kerry Thompson—‘Ashtl’ó Yóhool’aaah (Learning to Weave): The Cultural Transmission of Technological Style in Navajo Textiles

[79] POSTER SESSION ■ THE AMERICAN WEST
Room: Ballroom F (ACC)
Time: 2:00 PM - 4:00 PM
Participants:
79-a Bruce Huckell, Duane Hubbard, Larry Ludwig, Jacob DeGayner and Thaddeus Liebert—Late 19th Century Apache Resistance as Seen from Chiricahua National Monument, Southeastern Arizona
79-b Laura Burghardt—The Vernacular Architecture of Homesteads in Cebolla Creek, New Mexico
79-c Shannon Landry—Faunal Identification and Age Assessment through Dental Analysis: The Wetherill Trading Post, Chaco Canyon, NM
79-d T'Shawna Span, Warren Lail and Victoria Evans—Window Into the Past: Two 19th century unmarked burials in Roy New Mexico
79-e Aaron Roth, Warren Lail and Victoria Evans—The Life and Death of Urraca Man
79-f LuAnn Wandsnider, Lauren Walking, Matthew Douglass, Emily Hammerl and Daniel Osborne—Fighting with Soddies? A First Look at Signaling and its Effectiveness in Homesteading Contexts, Sand Hills region, Central Plains, USA
79-g Jeremy Brunette and Christine Nycz—Archaeological Investigations of the Platt Historic District at Chickasaw National Recreation Area: Results of 2013-2014 Field Work
79-h Richard Drass, Stephen Perkins, Susan Vehik and Michael Caralock—2013 Excavations at the Historic Longest Site and Wichita Fortifications on the Southern Plains
79-i Aaron Coons, Kisha Supernant and Katie Tychkowsky—A Comparison of Mapping Techniques at Chimney Coulee, a Fur Trade Era Métis Settlement

[80] POSTER SESSION ■ BOOT CAMP FOR TEACHING UNDERGRADUATE ARCHAEOLOGY: LESSONS FROM THE MIDDLE ATLANTIC
Room: Ballroom F (ACC)
Time: 2:00 PM - 4:00 PM
Chair: Heather Wholey
Participants:
80-a Julia King—Archaeology Practicum: Teaching Undergraduates the Pleasures and Problems of Working with Archaeological Collections
80-b Sarah Neusius, Beverly Chiariulli, Phillip Neusius and Ben Ford—A Quarter Century of Training Undergraduate Archaeologists at IUP
80-c Heather Wholey—Teaching Archaeological Skills through Stewardship: The Wilson Documentation Project
80-d Brian Bates and James Jordan—It’s Always Field School Around Here: Longwood Archaeology and the Life Skills that an Archaeological Education Provides
80-e Carole Nash—Thinking like an Archaeologist: Undergraduate Experiential Learning in a Blue Ridge Compliance Setting

[81] POSTER SESSION ■ THE GREAT STATE OF HISTORIC PRESERVATION IN THE EASTERN UNITED STATES: RECENT FINDINGS FROM THE DIGITAL INDEX OF NORTH AMERICAN ARCHAEOLOGY (DINAA)
Thursday Afternoon, April 24

**Room:** Ballroom F (ACC)  
**Time:** 2:00 PM - 4:00 PM  
**Chairs:** David G. Anderson, Joshua Wells and Stephen Yerka

**Participants:**  
81-a Eric Kansa, Steven Yerka, Sarah W. Kansa, Robert Carl DeMuth and David G. Anderson—Navigating and Visualizing Archaeological Data on Vastly Different Scales

81-b Kelsey Noack Myers, R. Carl DeMuth, Joshua Wells, Stephen Yerka and Thad Bisset—The Anthropology of Archaeological Data Collection and Management

81-c R. Carl DeMuth, Kelsey Noack Myers, Thad Bisset, David G. Anderson and Joshua J. Wells—Examining DINAA’s potential to reframe our archaeological vocabulary

81-d Bryan Dull and Joshua Wells—Embodying Materiality within the Landscape: A multiscalar analysis of Woodland earthwork structures in northern Indiana

**POSTER SESSION ■ AMERICAN LANDSCAPES: ARCHEOLOGY, ANTHROPOLOGY, LANDSCAPE HISTORY AND ENVIRONMENTAL DIVERSITY**  
**Room:** Ballroom F (ACC)  
**Time:** 2:00 PM - 4:00 PM  
**Chairs:** Mark Lynott and Peter Topping

**Participants:**  
82-a Mark Lynott—Hopewell Ceremonial Landscapes of Ohio

82-b Douglas Scott, Peter Bleed and Amanda Davey—A Battlespace Model of the 1865 North Platte Campaign

82-c Julie Gardiner, Mark Lynott and Peter Topping—American Landscapes: Archeology, Anthropology, Landscape History and Environmental Diversity

82-d Bob Birmingham—Ancient Effigy Mound Landscapes of North America

**SYMPOSIUM ■ MIXTEC POLITIES: VARIATIONS, DEVELOPMENTS, AND TRANSFORMATIONS SPANNING THE POSTCLASSIC TO COLONIAL PERIODS**  
**Room:** 18D (ACC)  
**Time:** 2:30 PM - 5:00 PM  
**Chairs:** Stephen Whittington and Marc Levine

**Participants:**  
2:30 Jessica Hedgepeth Balkin, Arthur Joyce, Michelle Goman and Sarah Barber—In the Wake of Lord 8 Deer: Postclassic Settlement Changes in the Lower Rio Verde Valley of Coastal Oaxaca

2:45 Marc Levine—Cotton Kingdom: Textiles and Trade at Postclassic Tututepec

3:00 Gerardo Gutierrez—Spatial Structure and Genealogical Interactions of the Complex Yuhuitayu of Tlapa-Tlachinollan of Mixteca Guerrero

3:15 Stephen Whittington, José Leonardo López Zárate, Ismael Gabriel Vicente Cruz, Kenneth Robinson and Kate Yeske—Cerro Amole and its Relationship to the Mapa de Teozacoalco

3:30 Jamie Forde—Residential Excavations at the Pueblo Viejo of San Miguel Achiutla: Preliminary Results

3:45 Carlos Rincon Mautner—The Struggle for the Indian Soul: Zoological and Botanical Imagery in the Conversion to Christianity of the Native Peoples of the Mixteca Alta of Oaxaca.

4:00 Christina Warinner—Ancient biomolecules and new possibilities in Mixtec archaeology
Thursday Afternoon, April 24

4:15 Stephen Kowalewski and Ron Spores—The Mixtec Kings and Their People
4:30 Jeffrey Blomster—Discussant
4:45 Nelly Robles Garcia—Discussant

[84] GENERAL SESSION ■ SOUTHWEST ASIA
Room: 16B (ACC)
Time: 2:30 PM - 4:45 PM
Chair: Max Price

Participants:
2:30 Erin Rice—Obsidian in the Southern Levant: A Comparative Analysis Using pXRF
2:45 Sarah Maclntosh and Levent Atici—An Experimental Approach to Antler Working at Körtik Tepe (SE Turkey) during Pre-Pottery Neolithic A (PPNA)
3:00 Daniel Kaufman, Mina Weinstein-Evron, Reuven Yeshurun, Valentina Caracuta and Elisabetta Boaretto—Lunate Seriation Along the Natufian Sequence of el-Wad: Implications for Intra-Natufian Cultural Change
3:15 Theresa Barket—Features of Household-Level Flaked-Stone Production at the Neolithic Site of ‘Ain Ghazal, Jordan
3:30 Philip Hitchings and Edward Banning—Geomorphological and Topographic Indicators of Potential Neolithic Occupation in Northwest Jordan: Survey Results from Wadi Quseiba and their Significance for Future Research
3:45 Alexis McBride—Parks, Piazzas, or Abandoned Lots? Archaeology of Outdoor Spaces in the Near Eastern Neolithic
4:00 Katherine Wright—Domestication and inequality? Households, corporate groups and ground stone processing tools at Neolithic Çatalhöyük and other early villages in the Near East
4:15 Jesse Wolfhagen, Katheryn Twiss, Amy Bogaard and Jacqui Mulville—Moving Beyond ‘The Local Range’: Statistical Approaches to Interpreting Herd Management Strategies through Stable Strontium Isotopes at Neolithic Çatalhöyük (Turkey)
4:30 Max Price—Animal Husbandry and Secondary Products at Chalcolithic Marj Rabba (Lower Galilee)

[85] SYMPOSIUM ■ RISE AND RESISTANCE: COMPLEX POLITIES AMONG ISLANDS AND COASTS
(Sponsored by SAA Island & Coastal Archaeology Interest Group)
Room: 16A (ACC)
Time: 2:45 PM - 5:00 PM
Chairs: Scott Fitzpatrick and Victor Thompson

Participants:
2:45 Daniel Sandweiss—Negotiated Subjugation: The Incorporation of Chincha into the Inca Empire
3:00 Thomas Pluckhahn and Victor Thompson—Production, Exchange, and Complexity at Crystal River
3:15 Victor Thompson and Scott Fitzpatrick—The Fluid Histories of Island and Coastal Polities
3:30 Jennifer Kahn—Monumental Architecture, Ceremonial Nodes, and Ritual Specialists: Avenues to Social Complexity in the Society Island Chiefdoms (Central Eastern Polynesia)
3:45 Heather McKillop—The Role of the Sea in the Rise of Maya Civilization
4:00 Ian McNiven—Kulkalgal and Tudulgal: geopolitical manipulation and domination of Torres Strait Islander social networks
4:15 Lynn Gamble—Social and Ritual Transformations in Coastal Hunter/Gatherer
Communities in the Santa Barbara Channel Region

4:30 Jeffrey Glover and Dominique Rissolo—The Maritime Maya: Ambivalence, Ambition, and Adaptation across Millennia

4:45 Douglas Kennett—Discussant

FORUM ■ ETHICS IN CULTURAL RESOURCE MANAGEMENT
(Sponsored by Committee on Ethics)
Room: 8C (ACC)
Time: 3:00 PM - 5:00 PM
Moderator: Karen B. Supak

Participants:
Patrick Garrow—Discussant
Renata Godoy—Discussant
Angelina Howell—Discussant
Steven Walker—Discussant
Willem Willems—Discussant

GENERAL SESSION ■ ARCHAEOLOGY ON PUBLIC LANDS
Room: 10C (ACC)
Time: 3:00 PM - 4:45 PM
Chair: F. Scott Worman

Participants:
3:00 Helen Fairley, Brian Collins, Amy Draut, Skye Corbett and David Bedford—Evaluating the Effects of Glen Canyon Dam on Downstream Archaeological Sites in Glen and Grand Canyons, Arizona

3:15 F. Scott Worman, Patrick Hogan and Alexander Kurota—Burned and Blown Away: hearth-mound sites at White Sands National Monument

3:30 J Bremer and Anne Baldwin—Over A Century of Archaeological Research on the Santa Fe National Forest

3:45 Katrina Eichner—Community Formation in 19th Century Texas: Preliminary Findings from Fort Davis National Historic Site

4:00 Pei-Lin Yu, stanley bond and Marcy Rockman—Hot, Dry, Flooded, and Burned: Climate Change Science and Archaeology in the National Park Service

4:15 Mark Howe—THE UNITED STATES INTERNATIONAL BOUNDARY AND WATER COMMISSION: GEOARCHEOLOGICAL EXPLORATIONS ALONG THE US / MEXICAN BORDER FROM THE PACIFIC TO THE GULF OF MEXICO

4:30 Tim Gibbs and Tim Roberts—TPWD Trail Surveys on Big Bend Ranch – More Questions than Answers

SYMPOSIUM ■ CONFLICT, ARCHAEOLOGY AND THE PRESS
(Sponsored by Media Relations Committee)
Room: 8B (ACC)
Time: 3:15 PM - 5:00 PM
Chair: Renata Wolynec

Participants:
3:15 Renata Wolynec—The Fall and Rise of Zahi Hawass

3:30 Maria Gatto and Kimball Banks—ARCHAEOLOGY IN EGYPT DURING THE ARAB SPRING

3:45 Andrea Messer—Gaddafi to Post Gaddafi, the Changing Status of Libyan Archaeology in the Media

4:00 Jeffrey Emanuel—Modern war and living history: Syria, Iraq, and the fate
Thursday Afternoon, April 24

of antiquities

4:15 Zachary Nelson—Indian Battlefields Meet the Press
4:30 Evan Parker—Heritage Conflict Arbitration and the Media in Post-Katrina New Orleans
4:45 Andrea Messer—Discussant

[89] GENERAL SESSION ■ EUROPE DURING THE BRONZEAGE, IRON AGE, AND VIKING AGE
Room: 8A (ACC)
Time: 3:15 PM - 5:00 PM
Chair: William Balco

Participants:
3:15 Robert Schon—The Role of the State in Reducing Transaction Costs: A Case Study from the Bronze Age
3:30 William Balco—Mead, Wine, Power, Prestige: Commensality and Change in Late Iron Age Western Sicily
3:45 Nadya Prociuk—Inscribing identity: A case study of symbolic communication from the Iron Age Castro Culture of north-western Iberia
4:00 Gregory Zaro—Urban transformation and landscape change surrounding the Nadin archaeological site in the Ravni Kotari region of the eastern Adriatic
4:15 Michael Galaty, Lorenc Bejko, James Harris, Stanley Galicki and Sylvia Deskaj—The 2013 Field Season of the Projekti Arkeologjikë i Shkodrës (PASH), Northern Albania
4:30 Courtney Buchanan—Using Portable Antiquities to Understand Identity Creation: A Case Study from Viking Age Scotland
4:45 W. Hamilton, Kerry Sayle, Philippa Ascough and Gordon Cook—Stable isotopes (δ13C, δ15N, and δ34S), radiocarbon dating, and the chronology of early Norse settlers around Lake Mývatn, north-east Iceland

[90] GENERAL SESSION ■ NEW WORLD ROCK ART
Room: 15 (ACC)
Time: 3:15 PM - 5:00 PM
Chair: Ana Nieves

Participants:
3:15 Christopher Davis—Pleistocene Amazonian Archaeoastronomy as a Potential Source for South American Ethnoastronomy Traditions
3:30 Vivian Scheinsohn and Florencia Rizzo—Rock Art as a Mortuary Practice in North Patagonia
3:45 Ana Nieves and Gori Tumi Echevarria—Beyond Iconography: The Application of Reflectance Transformation Imaging in the Study of Nasca Valley Rock Art Sites (Rio Grande de Nasca Drainage, Department of Ica, Peru)
4:00 Marissa Selena Molinar—Drawing the Hunt: Female Agency in the Age of Hunting in the Coso Range
4:15 Mark Giambastiani—Inferences from the Spatial Distributions and Composition of Rock Art Sites in West-Central Lincoln County, Nevada
4:30 Madeline Mackie—Determining the Age and Sex of Rock Art Hand Spray Artists, Johnson County, Wyoming
4:45 Gordon Houston and Irakli Simonia—ROCK ART AS SOLAR MARKERS, DEFINING CULTURAL INTENT
[91] **GENERAL SESSION ▪ HIGHLAND MEXICO**  
**Room:** 9B (ACC)  
**Time:** 3:30 PM - 5:00 PM  
**Chair:** Marijke Stoll  

**Participants:**  
3:30 James Neely and Michael Aiuvalasit—New Light on the Prehistoric Purrón Dam Complex: Small Corporate Group Collaboration in the Tehuacán Valley, Puebla, México  
3:45 Charles Knight—The Production of Biface Blanks as part of Macrocoring and Polyhedral Core Reduction Sequences at the Zaragoza-Oyameles Obsidian Source Area, Puebla, Mexico  
4:00 Agapi Filini—Symbols Are Important: Teotihuacan and Foreign Political Practice  
4:15 Megan Leight—Teotihuacan Figural Representations: Ancestor or Deity?  
4:30 Charles Stapleton—Teotihuacan Predatory Animal Imagery Revisited  
4:45 Marijke Stoll—The Ballgame Traditions of Prehispanic Oaxaca

[92] **GENERAL SESSION ▪ EURASIA**  
**Room:** 19A (ACC)  
**Time:** 3:45 PM - 5:00 PM  
**Chair:** Kathryn MacFarland  

**Participants:**  
3:45 Erik Johannesson—Echoes in Eternity: Stone Monuments and Social Memory in Bronze-Iron Age Mongolia  
4:00 Kathryn MacFarland—The Tengri’s Home: A Deer Stone  
4:15 YUQI LI—Late Bronze Age (1900-1500 BC) Copper metallurgy and interactions between sedentary and mobile groups in Southern Uzbekistan  
4:30 Karim Alizadeh—Approaches to Social Complexity In Kura-Aras Culture: A View from Köhne Shahar (Ravaz) In Chaldiran, Iranian Azerbaijan  
4:45 Patrick Hadel, Dr. Yadmaa Tserendagva and Dalantai Sereuya—Investigations at Burgas Ni Am Buddhist monastery in the Northern Gobi, Mongolia

[93] **GENERAL SESSION ▪ BIOARCHAEOLOGY IN LATIN AMERICA**  
**Room:** 9A (ACC)  
**Time:** 4:00 PM - 5:00 PM  
**Chair:** Deborah Bolnick  

**Participants:**  
4:00 Ana Morales-Arce and Ana Cristina Aguilar—Bioarchaeological approaches to the site “La Cascabel” in Bahia Culebra, Costa Rica (800 -1550 AD).  
4:15 Erin Patterson—Reconstructing Health and Diet: Interpreting Patterns of Dental Pathologies in Two Classic Maya Populations  
4:30 Valda Black and Danielle Kurin—A Morphometric Approach to Characterizing Heterogeneity in Cranial Modification in the South-Central Peruvian Highlands  
4:45 Deborah Bolnick, Elizabeth Pintar, Jorge Martínez, Marcela Díaz-Matatalla and Jaime Mata-Míguez—Ancient DNA from Early Human Burials in the Argentine Puna: Insights into Burial Practices and South American hPopulation History

[94] **GENERAL SESSION ▪ MEDIEVAL AND POSTMEDIEVAL EUROPE**  
**Room:** 19B (ACC)  
**Time:** 4:15 PM - 5:00 PM  
**Chair:** Christopher Fennell  

**Participants:**
Thursday Afternoon, April 24

4:15  Jennifer Shaffer Foster—Unexpected Objects: Stone Tools in an Age of Gold
4:30  Catharine Wood—Charity on the Fringes of the Medieval World: Skriðuklaustur, A Late Medieval Priory-Hospital in Eastern Iceland
4:45  Christopher Fennell—Tradition and Modernity on Great Blasket Island, Ireland

[95]  GENERAL SESSION ■ ARCHAEOLOGY OF NATIVE AMERICAN SOCIETIES IN TEXAS
Room: 18C (ACC)
Time: 4:15 PM - 5:00 PM
Chair: Leslie Bush

Participants:
4:15  Leslie Bush—Evidence for a long-distance trade in bois d’arc (Maclura pomifera, Moraceae) bows in 16th century Texas
4:30  Bradford Jones—The Aranama and the Art of War: Local Knowledge, Colonial Practice, and Lithic Technology in Late Prehistoric and Spanish Colonial South Texas
4:45  Mary Galindo, Jimmy Arterberry, Heidi Fuller, Matthew Carter and Alamea Young—Traditional Cultural Property Study at Camp Bowie: A Comanche Perspective
Thursday Evening, April 24

**ELECTRONIC SYMPOSIUM ■ GETTING BACK TO SAVING THE PAST FOR THE FUTURE: HERITAGE EDUCATION AT A PROFESSIONAL CROSSROADS**
(Sponsored by Public Education Committee)

- **Room:** 19B (ACC)
- **Time:** 6:00 PM - 8:00 PM
- **Chair:** Margaret Heath

**Participants:**
- Shereen Lerner—Challenging the Status Quo
- Maureen Malloy—Archaeology Education in the U.S.: Past, Present, and Future
- Jeanne Moe—Archaeology and the Common Core State Standards: All Hands on Deck
- Hope Luhman—Considering the Possibilities: Cultural Resource Management’s Role in Heritage Education
- A. Gwynn Henderson—Public Archaeology at the Kentucky Archaeological Survey
- Ryan Harke—Towards a Public Environmental Archaeology: History, Survey and Suggestion
- Ben Thomas—Facilitating Outreach and Education on a Grassroots Level
- Meredith Hardy—New Directions in Archeological and Cultural Heritage Education
- Eleanor King—Heritage and the Underrepresented: the Perspective from Howard University
- Margaret Heath—Past, Present, and Future Directions of Heritage Education

**FORUM ■ BUILDING A TACTICAL AND STRATEGIC TOOLKIT FOR INDIGENOUS HERITAGE STEWARDSHIP**
(Sponsored by Intellectual Property Issues in Cultural Heritage (IPinCH) Project)

- **Room:** 9A (ACC)
- **Time:** 6:00 PM - 8:00 PM
- **Moderator:** Ian Lilley

**Participants:**
- Joe Watkins—Discussant
- Malcolm Connolly—Discussant
- Lee Rains Clauss—Discussant
- Davina Two Bears—Discussant
- Ora Marek-Martinez—Discussant

**FORUM ■ BRIDGING THE GAPP: PROTECTING ARCHAEOLOGICAL RESOURCES IN THE AGE OF SHALE GAS DEVELOPMENT**

- **Room:** 8B (ACC)
- **Time:** 6:00 PM - 8:00 PM
- **Moderator:** Marion Werkheiser

**Participants:**
- Charles Niquette—Discussant
- Mark Boling—Discussant
- Thomas Motsinger—Discussant
FORUM ■ PLANT DOMESTICATION: MORPHOLOGY, GENETICS, AND SOCIAL CONTEXT
Room: 8C (ACC)
Time: 6:00 PM - 8:00 PM
Moderator: Xinyi Liu
Participants:
Kelly Swarts—Discussant
Logan Kistler—Discussant
Yan Pan—Discussant
Christine Hastorf—Discussant
Maria Bruno—Discussant
Terry Brown—Discussant
Zhijun Zhao—Discussant
Martin Jones—Discussant

FORUM ■ SURVEYING THE AMERICAS
Room: 8A (ACC)
Time: 6:00 PM - 8:00 PM
Moderator: Kenneth Aitchison
Participants:
Christopher Dore—Discussant
Dean Snow—Discussant
Eduardo Neves—Discussant
Ian Burrow—Discussant
Nicolas Zorzin—Discussant
Teresita Majewski—Discussant

FORUM ■ USING TDAR (THE DIGITAL ARCHAEOLOGICAL RECORD) FOR MANAGEMENT, RESEARCH, AND EDUCATION—LESSONS LEARNED
(Sponsored by The Center for Digital Antiquity)
Room: 9C (ACC)
Time: 6:00 PM - 8:00 PM
Moderator: Leigh Anne Ellison
Participants:
Ralph Bailey—Discussant
Jon Czaplicki—Discussant
Ben Fitzhugh—Discussant
Margaret Nelson—Discussant
David Plaza—Discussant
Barbara Stark—Discussant
Joshua Watts—Discussant
James Wilde—Discussant

POSTER SESSION ■ BIOARCHAEOLOGY IN THE OLD WORLD
Room: Ballroom F (ACC)
Time: 6:00 PM - 8:00 PM
Participants:
102-a Anna Waterman, Robert Tykot, Jonathan Thomas, David Peate and Katina Lillios—An investigation of human dietary and mobility patterns at the late Neolithic burials of Bolores (Torres Vedras, Portugal) using isotopic analyses
102-b Elizabeth Berger, Dong WEI and Hong ZHU—Caries calibration methods in a Bronze Age Inner Asia skeletal sample
Thursday Evening, April 24

102-c Emily Graf—The Bioarchaeology of Peripheral Populations within the Mycenaean World: Ancient Kallithea Laganidia Cemetery near Patras, Greece

102-d Stephanie Fuehr, Nicholas Herrmann, Kathryn Kulhavy and Anthi Batziou—Osteological Analysis and Regional Comparison of a Mycenaean Burial from the site of Pefkakia near Volos, Greece

102-e Brittany Jackson—Bioarchaeology, Nutrition, and Urban Food Systems in Roman Britain: A Rural Perspective

102-f Sharon DeWitte—The Aftermath of Catastrophic Mortality: Physiological Stress, Stature, and the Effects of the Black Death

102-g Ilona Kubátová, Patrik Galeta and Michael Benedetti—Modified Preservation Index for skeletal remains: Case study from the Medieval cemetery at the church of Saint Mari Magdaleny in Pilsen, Czech Republic

102-h Dorothy Riegert, Colene Knaub, Molly Roffers, Andre Gonciar and Zsolt Nyaradi—A Biocultural Analysis of Infant Burials Interred at Telekfalva

102-i Katie Whitmore, Tosha Dupras, Lana Williams, Rimantas Jankauskas and John Schultz—Eating like a Catholic?: The Use of Carbon and Nitrogen Isotope Analysis of Bone and Dentin Collagen from Medieval Alytus, Lithuania to Assess the Incorporation of Marine Resources

[103] POSTER SESSION ■ BIOARCHAEOLOGY IN MESOAMERICA AND SOUTH AMERICA

Room: Ballroom F (ACC)

Time: 6:00 PM - 8:00 PM

Participants:

103-a Ashley Jones, Robert J. Hard, Cynthia M. Munoz, Raymond P. Mauldin and María Elisa Villalpando Canchola—Stable Carbon and Nitrogen Isotope Analysis from La Playa, Sonora, Mexico

103-b Heather Edgar, Corey Ragsdale and Emiliano Melgar—Origins of the offering skulls and skull masks of the Templo Mayor, Tenochtitlan: a biological and archaeological approach

103-c Amanda Winburn, Larisa DeSantis and Tiffiny Tung—3D dental microwear analysis of Maya elites from Cancúén, Guatemala

103-d Lauren Springs and Sophia Mavroudas—Histological Analysis of Skeletal Remains at St. George’s Caye, Belize

103-e Melanie Miller, Sabrina Agarwal and Carl Langebaek Rueda—Tracing Dietary Histories Through Stable Isotope Analysis: a case study from the Muisca of Colombia, 1200-1550 AD

103-f Alyssa Bader and Izumi Shimada—An unusual late Middle Sicán sacrifice, Peru: An osteobiographical analysis

103-g Matthew Go—The Backbone of Moche Society: Spinal Degenerative Joint Disease and Its Utility in Reconstructing Prehistoric Moche Stratification

103-h Erika Rauscher, Shevan Wilkin and Danielle Kurin—Trauma and Trepanation in Highland Peru

103-i Shevan Wilkin, Taylor Rauscher and Danielle Kurin—A Bioarchaeological Analysis of Domestic Violence in Post-Imperial Peru

103-j Tiffiny Tung, Larisa DeSantis, Brendan Culleton and Douglas Kennett—Characterizing the Victims of Lethal Violence after the Collapse of the Wari Empire: Bioarchaeological and Isotopic Analysis of Massacre Victims at Huari, Peru

103-k Laura Van Voorhis and Valentina Martinez—Paleopathologies of Site 35 in Salango, Ecuador

103-l Anna Gurevitz and Danielle Kurin—Sexing commingled remains to evaluate mortuary organization: a case study from south-central Peru
Thursday Evening, April 24

[104] POSTER SESSION ■ ARCHAEOLOGY OF SOUTH AMERICA
Room: Ballroom F (ACC)
Time: 6:00 PM - 8:00 PM

Participants:
104-a Brittany Reneau and Valentina Martinez—Phosphate Analysis of Prehistoric Structures in Rio Blanco, Manabi, Ecuador
104-b Matthew Sitek and Abigail Levine—Building on Ancient Ground: excavations at a Formative Period mound and sunken court complex in the northern Lake Titicaca Basin
104-c Jean Hudson, Brian Billman and Jesus Briceño Rosario—Comparing Fishing Strategies on the North Coast of Peru: Gramalote and Cerro La Virgen
104-d Gabriela Cervantes—Residential Occupation in the Capital of the Sican State, Peru
104-e Brian McCray—Publicity, Pathways, and Production: Evaluating Regional Diversity in Settlement Patterning and Architecture in Northeastern Peru
104-f Julio Saldaña, Luis Jaime Castillo, Fernando Zvietcovich and Benjamin Castañeda—New approaches in the recording, analysis and interpretation of large ceramic Moche vessels: 3D techniques applied in the study of ritual practices on Peruvian North Coast.
104-g Kayleigh Sharp and Melissa Litschi—E-data and the Gallinazo: Exploring the Past in the Technological Present
104-h Loren Teetelli, Alicia Boswell and Jesus Briceno—3-D Modeling of Area 3 at Cerro Huancha, Sinsicap Valley, Peru
104-i Andrea Thomas and Sonia Alconini—La Ruta del Spondylus: The Role of Spondylus Shell in the Rise of Socio-Political Complexity in the Andes
104-j Sebastian Warmlander, Vanessa Muros and David Scott—Characterization of some pre-Columbian gold wires from South America
104-k Lauren Kornegay Dollar—Evaluating Chronologies of Nasca Trophy Head Iconography
104-l James Treloar and David Chicoine—Early Horizon Fortified Settlements and Defensive Strategies in the Lower Napeña Valley, Peru
104-m Patrick Mullins—LIP Fortifications in the Moche Valley of Peru: New Perspectives
104-o Agustín Acevedo—Rock art at La Gruta locality (Patagonia, Argentina)
104-p Gustavo Barrientos, Juan Bautista Belardi, Flavia Carballo Marina and Patricia Campán—Connecting basins through plateaus: Late Holocene hunter-gatherer mobility and the circulation of goods in Southwestern Patagonia (Santa Cruz, Argentina)

[105] POSTER SESSION ■ ANDEAN MORTUARY PRACTICES
Room: Ballroom F (ACC)
Time: 6:00 PM - 8:00 PM

Participants:
105-a Airielle Cathers—The Nature of Household Burials During the Late Moche Period
105-b Jennifer Marla Toyne, Ismael Mejias Pitti, Jordi Puig Castell, Lori Epstein and Armando Anzellini—Going Vertical: Using Vertical Progression Techniques to Explore Complex Mortuary Spaces in Chachapoyas, Peru
105-c Shaina Molano and Rebecca Bria—Exploring Variation in Cranial Modification at Hualcayán, Ancash highlands, Peru
105-d Kate Norgon and Rebecca Bria—Identifying Mortuary Ritual and Ancestor
Thursday Evening, April 24

Veneration: A Spatial Analysis of the Tombs at Hualcayán, Peru
Jonathan Mavko, Rebecca Bria and Rachel Shea—Middle Horizon Mortuary Architecture and Social Organization at Hualcayán, Ancash, Peru

Celebrating Death: New Data on Recuay Mortuary Feasting Practices from Hualcayán (Ancash, Peru)
Bryan Núñez Aparcana, Rebecca Bria and Elizabeth Cruzado

Cycles of Violence and Cultures of War: An Analysis of Cranial Trauma in Recuay and Wari-Era Tombs at Hualcayán
Emily Sharp and Rebecca Bria

Paints, Dyes, and Ochers: Red Pigment Analysis from Late Chincha Valley Mortuary Contexts
Terrah Jones, Benjamin Nigra and Jacob Bongers

The Materiality of Death: Functional Materialism and the Kusikancha Burials
Adrienne Bryan and Rene Pilco Vargas

POSTER SESSION ■ NEW RESEARCH IN MEDIEVAL ARCHAEOLOGY
Room: Ballroom F (ACC)
Time: 6:00 PM - 8:00 PM
Chairs: Ryan Lash and Elise Alonzi
Participants:

Mapping Ritual and Economic Communities in Early Medieval Connemara, Ireland.
Ryan Lash and Ian Kuijt

Frankish Ethnogenesis and Population History: A Bioarchaeological Perspective
Charisse Carver

Contact and communication in southern Gaul, 400-600: the ceramic evidence
Ralph Patrello

Investigations at Saint Colman’s Abbey: An early medieval Irish insular monastery
Elise Alonzi, Tommy Burke and Ryan Lash

DIGITAL MODELLING AND ANALYSIS IN ARCHAEOLOGY
Room: 18A (ACC)
Time: 6:00 PM - 8:00 PM
Chairs: Shawn Morton and Leah McCurdy
Participants:

Beyond Pretty Pictures: the benefits of virtual heritage
Donald Sanders

New Perspectives in Cyber-Archaeology: Simulation and Immersive Environments
Maurizio Forte

It’s junk until it matters: Building meaning from visualisation
Anthony Masinton

Virtual Architectural Energetics: An Innovative Digital Analysis
Leah McCurdy

The Structure from Motion Solution: Mapping Structure A-5 at Chan Chich, Belize
Kelsey Herndon, Brett A. Houk, Mark Willis and Chester P. Walker

Modelling Shipboard Societies: an examination of the applicability of socio-spatial modelling to shipwrecks
Mike Moloney

Virtual Cusco
Stephen Berquist and Alexei Vranich

SYMPOSIUM ■ DYNAMICS OF TRADE AND SOCIOPOLITICAL DEVELOPMENT IN WEST AFRICA
Room: 17A (ACC)
Time: 6:00 PM - 8:15 PM
Chair: Scott MacEachern
Participants:

Sorotomo (AD 1200-1500): Excavations at a Malian
Kevin MacDonald
Thursday Evening, April 24

Center of Power
6:15 Sam Nixon—An architectural complex of the 12th-13th centuries AD from the eastern arc of the River Niger (Republic of Benin, West Africa).
6:30 Anne Compton—Trade Dynamics, Political Economies, and Household Variability: An Examination of Daily Life in the Bono Manso Region
6:45 William Gblerkpor and Kodzo Bright Gavua—Fortress of Power and Resilience: Krobo Hill, Ghana
7:00 Stephanie Wynne-Jones and Anne Haour—Precolonial African trade networks and the ‘Small World’ paradox
7:15 Kenneth Kelly—Entangled Traders: archaeological research at three 19th century slave trade localities on the Rio Pongo, Guinea, West Africa.
7:30 Kelly Goldberg—Applications of Metal Detection in Analysis of Illegal Slave Trade Sites in Nineteenth Century Guinea
7:45 Aribidesi Usman—Recent Archaeological work in the Niger-Benue Confluence, North Central Nigeria
8:00 Questions and Answers

109] GENERAL SESSION ■ EARLY PREHISTORY IN AFRICA
Room: 10A (ACC)
Time: 6:00 PM - 8:15 PM
Chair: Grant McCall
Participants:
6:00 William Green—Museum Resources for North African Archaeology: The Collections of the Logan Museum of Anthropology
6:15 Naomi Cleghorn and Christopher Shelton—A new Stone Age site near the Knysna Eastern Heads, Western Cape, South Africa
6:30 Philip Slater—They Don’t Make Them Like They Used To: Point Production and Maintenance at the Middle Stone Age Site of Marmonet Drift, Kenya
6:45 Marvin Kay, Yonatan Sahle, John Kappelman and Larry Todd—Ethiopia MSA production chains early and late: Gademotta, Aduma, and Shinfa
7:00 Britt Bousman, James Brink, Mark Bateman, Holly Meier and Daryl Codron—Middle and Later Stone Age occupations in the Modder River Valley, South Africa
7:15 Grant McCall, Theodore Marks and James Enloe—Update on the Middle and Later Stone Age Excavations at Erb Tanks, Namibia
7:30 Theodore Marks, Grant McCall, James Enloe and Jordan Krummel—Preliminary Report on New Excavations at Mirabib, a Middle and Later Stone Age Rockshelter in the Central Namib Desert, Namibia
7:45 Molly Palmison—A Preliminary Analysis of the Robberg Assemblage at Erfkroon
8:00 Reuven Yeshurun—Late Paleolithic Taphonomy and Subsistence in the Nile Valley: Faunal Remains from Kom Ombo (Egypt) and Wadi Halfa (Sudan)

110] SYMPOSIUM ■ VERNACULAR ARCHITECTURE OF THE PRE-COLUMBIAN AMERICAS
Room: 17B (ACC)
Time: 6:00 PM - 8:30 PM
Chairs: Christina Halperin and Lauren E. Schwartz
Participants:
6:00 Kristin De Lucia—The Vernacular Architecture of Pre-Aztec Mexico: Household Organization and Social Construction in Early Postclassic Xaltocan, Mexico
6:15 Gregory Wilson and Brian Geiger—Conflict and Community: An
Architectural Analysis of a Catastrophically Burned Mississippian Village in West-Central Illinois
6:30 Anna Guengerich—Residential and Public Architecture from the Perspective of Monte Viudo, Chachapoyas, Peru
6:45 Christina Halperin—Vernacular and Monumental Maya Architecture: Discourses and Changes during the Classic to Postclassic (ca. A.D. 800-1200) Transition
7:00 Kellam Throgmorton and Ruth M. Van Dyke—Vernacular Architecture in the Chacoan World
7:15 Hendrik Van Gijseghem—The Social Life of Houses: Variability in Dynamics of Occupancy on the North and South Coasts of Peru
7:30 Lauren E. Schwartz—Vernacular Architecture of Southeast Mesoamerica: An Evaluation of Design Variations and Identity Expression from the Late and Terminal Classic Naco Valley, Honduras
7:45 Susan Alt—Building Cahokia: Transformation Through Tradition
8:00 Donna Nash—Discussant
8:15 Julia Hendon—Discussant

[111] GENERAL SESSION ■ AMERICAN HISTORY
Room: 14 (ACC)
Time: 6:00 PM - 8:15 PM
Chair: Kate McMahon
Participants:
6:00 Timothy Baumann, George Monaghan, Angie Krieger and Edward Herrmann—The German Ridge Project: living on the edge in the Hoosier National Forest of southern Indiana
6:15 James VanderVeen and Rebecca Gibson—There Is More Than Corn In Indiana: An Examination Of Gendered Artifacts From The Late 19th Century
6:30 Michael Meyer—The Early Years of St. Louis: Evidence Gathered at the Madam Haycraft (23SL2334) and Louis Beaudoin (23SL2369) Sites
6:45 Teresa Bulger—Changing the Parlor: Household Life-Cycles and Redefining the Home’s Public Space
7:00 Julie Labate and Kevin Wiley —The Irish of the Upper West Side: An archaeology of Working-Class Irish in Nineteenth-Century New York City
7:15 Sarah Sportman—Medicine at the Mines: Worker Health and Medical Care at Hammondville, New York, 1873-1893
7:30 Kate McMahon—“A Sufficient Number”: The Historic African American Community of Peterborough in Warren, Maine
7:45 Paul Farnsworth—“San Francisco, the Irish heartland in the West”
8:00 Megan Springate—“Beware the Little Flaws That Make One Homely”: The Interplay of Intimacy, Sexuality, and Gender at an Early Twentieth Century Women’s Retreat

[112] SYMPOSIUM ■ DINÁMICAS DE INTERACCIÓN EN PUEBLA-TLAXCALA
Room: 16A (ACC)
Time: 6:00 PM - 8:45 PM
Chairs: Aurelio Lopez Corral, Maria Teresa Salomon Salazar and Mari Carmen Serra Puche
Participants:
6:00 Mari Carmen Serra Puche—Interacción entre Xochitecatl-Cacaxtla y el Valle de Puebla-Tlaxcala durante el periodo Formativo
6:15 Jennifer Carballo—Social interaction and variation in central Tlaxcala, Mexico: An analysis of ceramics from two early village societies
Thursday Evening, April 24

6:30 Ronald Castanzo—The central Valley of Puebla and the Formative Period Puebla-Tlaxcala cultural complex
6:45 Shigeru Kabata, Tatsuya Murakami, Julieta Margarita López J. and José Juan Chávez V.—Impacto Social del sitio Tlalancaleca en el Altiplano Central durante el Clásico temprano
7:00 Blas Castellón Huerta—Regional political strategies during the Classic: a view from Santo Nombre, Puebla
7:15 Juliette Testard—Nuevas identidades visuales en Cacaxtla-Xochitecatl, Cholula y Cantona: interacciones epiclásicas con Oriente mesoamericano.
7:30 Silvia Martínez and SERGIO SUAREZ—Cholula y Cacaxtla: ciudades hermanas?
7:45 Ruth Fauman-Fichman—Is it an absence of evidence or is there evidence of absence in dynamic interactions in Tlaxcala and Puebla?
8:00 Aurelio Lopez Corral and Ma. Teresa Salomón Salazar—El discurso político versus las esferas no elites: cambios en las dinámicas de interacción en el valle poblano-tlaxcalteca
8:15 Alejandro Uriarte Torres, Lane Fargher and Verenice Heredia Espinoza—The Cholula World View and Tlaxcallan in the Postclassic
8:30 Patricia Plunket—Discussant

[113] SYMPOSIUM ■ ANIMALS IN ANCIENT NEW WORLD ECONOMY AND EXCHANGE
Room: 13AB (ACC)
Time: 6:00 PM - 8:45 PM
Chairs: Erin Thornton and Marilyn Masson

Participants:
6:00 Paul Szpak, Jean-Francois Millaire, Christine White and Fred Longstaffe—Camelid Husbandry Practices and Textile Exchange in Northern Peru
6:30 Marilyn Masson—Shell Money Through Time in the Maya Area
6:45 Ashley Sharpe—Evidence of Preclassic Long-distance Trade at the Maya site of Ceibal, Guatemala
7:00 Petra Cunningham-Smith and Elizabeth Graham—Trade Winds: Animal Use and Exchange at the Ancient Maya Sites of Marco Gonzalez and San Pedro, Belize
7:15 Brandon McIntosh—The Archaeofauna of Isla Cilvituk: Socioeconomic Niche Construction in a Lowland Maya Lacustrine Environment
7:30 Yajaira Núñez-Cortés—"Fire God's Animal": Dogs from Mayapan
7:45 Sarah Heins—Craft Bone Toolmaking at Post-Classic Mayapán
8:00 Michelle LeFebvre, Christina Giovas, Susan deFrance, John Krigbaum and Scott Fitzpatrick—Mammals on the Move: The Zooarchaeology of Pre-Columbian Circum-Caribbean Interactions and Economy
8:15 Aletheia Bouknight and Andrew Duff—Faunal Circulation in Three Chacoan Great House Communities
8:30 Megan Conger and Adam Watson—Species Diversity, Standardization, and the Spatial Organization of Production at Pueblo Bonito: A Case Study from Chaco Canyon
SYMPOSIUM ■ GEOARCHAEOLOGY’S CONTRIBUTION TO UNDERSTANDING THE PREHISTORY OF THE AMERICAS BEFORE CLOVIS
(Sponsored by Geoarchaeology Interest Group)
Room: 11AB (ACC)
Time: 6:00 PM - 8:45 PM
Chairs: Ian Buvit and Michael Waters

Participants:
6:00 Ian Buvit—Geoarchaeology and the Search for the First Americans
6:15 Steven Driese, Lee Nordt and Michael Waters—Analysis of site formation history and potential disturbance of stratigraphic context in Vertisols at the Debra L. Friedkin archaeological site in central Texas, USA
6:30 Darrin Lowery—Geoarchaeology and Paleo-American Prehistory: The Middle Atlantic Delmarva Peninsula Data
6:45 Jessi Halligan—Geoarchaeological Interpretations of Reported pre-Clovis Components in the Aucilla River, Florida
7:00 Leslie Davis, Christopher Hill and Kathryn Krasinski—Geoarchaeological evidence for a pre-clovis mammoth locality near Lindsay, Montana
7:15 James Chatters, Dominique Rissolo, Pilar Luna Erreguerena and Alberto Nava Blank—Establishing the Chronology of an Association between a Human and Pleistocene Megafauna in Hoyo Negro, a Submerged Cave on the Yucatan Peninsula
7:30 Masami Izuho—Current Older-than-Clovis Debate in the Context of Upper Paleolithic Prehistory in Northeast Asia
7:45 Questions and Answers
8:00 Michael Waters—Discussant
8:15 James Adovasio—Discussant
8:30 Christopher Hill—Discussant

SYMPOSIUM ■ THE “CHILD” IS NOW 25: RECENT RESEARCH INTO THE IDENTIFICATION OF CHILDREN IN THE ARCHAEOLOGICAL RECORD AND THE DEVELOPMENT OF ASSOCIATED THEORETICAL PERSPECTIVES
Room: 10B (ACC)
Time: 6:00 PM - 8:45 PM
Chairs: Geoffrey Cunnar and Anders Högberg

Participants:
6:00 Grete Lillehammer—25 years with the “child” and the archaeology of childhood
6:15 Carol Ember—Reconstructions of Child Labor: A Cross-Cultural Consideration of Children’s Labor Activities
6:30 Geoffrey Cunnar—Applying Gumbrecht’s concept of latency to understanding our non-understanding of the archaeological signature of the child’s “world” at prehistoric camp sites in the Great Basin.
6:45 April Nowell—Growing up in the Pleistocene: Neandertal children and the evolution of play behavior
7:00 Anders Högberg—Children and the materiality of social learning within the evolution of mankind and behavioural modernity
7:15 Christiane Cunnar—Children’s activities and the context of learning of skills: using HRAF’s ethnographic database to inform on spatial recognition of learning activities in the archaeological record
7:30 Brooke Milne, Robert Park, Douglas Stenton and Mostafa Fayek—Novice Flint Knapping, Seasonal Mobility, and Palaeo-Eskimo Lithic Raw Material Acquisition in the Interior of Southern Baffin Island, Nunavut, Canada
Thursday Evening, April 24

7:45  Edward Stoner—Lost in the Data: A Reassessment of the Presence of Children at Quarry, Heat Treatment, and Projectile Point Manufacturing Sites in White Pine County, Nevada

8:00  Leslie Van Gelder—The Role of Children in the Production of Finger Flutings in Four Upper Paleolithic Caves

8:15  Nyree Finlay—Kid-knapped Knowledge: emergent sociality and stories of skill and stone

8:30  Kathryn Kamp—Discussant


Room: 15 (ACC)
Time: 6:00 PM - 9:00 PM
Chair: Nuno Bicho

Participants:
6:00  Vera Aldeias—A micromorphological perspective on shell midden formation: the case of the Mesolithic site of Cabeço da Amoreira

6:15  Lawrence Conyers—Ground-penetrating Radar Mapping of the Muge Shell Mound, Portugal

6:30  Cláudia Umbelino, Célia Gonçalves, Olívia Figueiredo, Eugénia Cunha and Nuno Bicho—Health and diet in the Late Mesolithic: a paleobiological perspective through the analysis of the human skeletons retrieved from the Cabeço da Amoreira recent excavations

6:45  Olívia Figueiredo, Nuno Bicho and Cláudia Umbelino—Bones don’t lie: approaches to the social dimension of the mortuary practices at Cabeço da Amoreira (Muge shellmiddens, Central Portugal)

7:00  Rita Dupont De Sousa Dias, Cleia Detry and Nuno Bicho—Small vertebrate Zooarchaeology of Muge: Preliminary results on subsistence, seasonality and social complexity

7:15  Marina Évora—Antler and Mammal bones as tools: osseous technology in Cabeço da Amoreira shellmidden (Muge, Portugal)

7:30  Telmo Pereira, Nuno Bicho, João Cascalheira, João Marreiros and Célia Gonçalves—Testing the impact of coastal environments in social inequality through lithic raw materials

7:45  Joao Cascalheira, Eduardo Paixão and Nuno Bicho—On the border: the lithic assemblages from the Trench area of Cabeço da Amoreira shellmidden (Central Portugal)

8:00  Eduardo Paixão, João Cascalheira, João Marreiros, Telmo Pereira and Nuno Bicho—Technological approaches to stone tool production: The case of layer 2 of Mesolithic Shellmiddles of Cabeço da Amoreira, Muge (Portugal).

8:15  Joao Marreiros, Eduardo Paixao, Nuno Bicho and Juan Gibaja—Living and hunting during the Mesolithic. Lithic functional analysis from the Cabeço da Amoreira shellmidden (Muge, Portugal)

8:30  Celia Goncalves, Joao Cascalheira, Rita Dias, Patricia Monteiro and Eduardo Paixao—Piece by Piece: GIS Spatial Analysis at Cabeço da Amoreira, a Mesolithic Shellmidden in Central Portugal

8:45  Patrícia Monteiro, Lydia Zapata and Nuno Bicho—Gathering and wood exploitation in Cabeço da Amoreira (Muge shellmiddens): new methods and data from charcoal analyses
Thursday Evening, April 24

[117] SYMPOSIUM ■ DIRT AND SCIENCE IN THE AGE OF COMPLIANCE: RECONFIGURING GEOARCHAEOLOGY FOR APPLIED CONTEXTS
(Sponsored by Geoarchaeological Interest Group)
Room: 19A (ACC)
Time: 6:00 PM - 9:00 PM
Chairs: Howard Cyr and Joseph Schuldenrein

Participants:
6:00 Rolfe Mandel—The Co-Evolution of Geoarchaeology and Cultural Resource Management (CRM): A Great Plains Perspective
6:15 Krista Gilliland, Elizabeth Robertson, Terrance Gibson, Peggy McKeand and Jim Finnigan—Keeping the ‘Truth’ in Ground-truthing: The roles of stratigraphy and near-surface geophysics in detecting buried earthworks at the Fort Denison site near Humboldt, Saskatchewan
6:30 Helen Lewis—The Celtic Tiger and underdeveloped geoarchaeology in Ireland: issues arising from skewed applications in CRM
7:00 Eva Hulse, Joseph Schuldenrein and Rona Winter-Livneh—Geoarchaeology of urban sediments and soils
7:15 Danny Gregory—Soil Drainage, Roads, and Predictive Modeling: Mapping Site Probability on the North Carolina Coast
7:30 Mark Elson and Mary Ownby—Dating the Volcano to Sourcing the Ceramics: Geoarchaeology at Desert Archaeology, Inc.
7:45 Andrea Freeman—Lessons from (the) Desert: Applying Geoarchaeology on Canadian Soil
8:00 Michele Punke—The Application of Geoarchaeology to the Practice of Cultural Resource Management in the Pacific Northwest: Small Discoveries and Large Implications
8:15 Howard Cyr, Mark Bush, Kandace Hollenbach, Steve Rabbysmith and Jeff Gardner—The Role of Geoarchaeology in an Interdisciplinary Examination of Tree Island Sites, South Florida Water Management District and Everglades National Park, Florida
8:30 Tiffany Fulkerson, Jerry R. Galm, Stan Gough and Fred Nials—CRM and geoarchaeology at the Sentinel Gap site (45KT1362)
8:45 Gary Huckleberry—Discussant

[118] SYMPOSIUM ■ MODES OF PRODUCTION AND ARCHAEOLOGY
Room: Ballroom G (ACC)
Time: 6:00 PM - 9:00 PM
Chair: Robert Rosenswig

Participants:
6:00 Robert Rosenswig—Tributary Mode of Production and Justifying Ideologies
6:15 Jerimy Cunningham—The Ritual Mode of Production in the Casas Grandes Regional System
6:30 Charles Orser—The Capitalist Mode of Production and the Postcolonial Project
6:45 Thomas Patterson—Modes of Production in Southern California at the End of the Eighteenth Century
7:00 Bradley Ensor—Modes, Classes, Gender, and Agency
7:15 Daniel Sayers—Modes of Production and the Resuscitation of Historical Praxis
7:30 Johan Ling and Kristian Kristiansen—Comparative advantage as mode of production in Bronze Age temperate Europe.
7:45  James Delle—The Contradictions of Slavery in Colonial Jamaica’s Plantation Mode of Production
8:00  Guillermo Acosta—Early agriculture modes of production in Mesoamerica: New insights from central and southern Mexico
8:15  Ivan Briz I Godino and Myrian Álvarez—Production and Consumption: Theory, Methodology, and Lithic Analysis
8:30  Randall McGuire—Discussant
8:45  Questions and Answers

[119]  SYMPOSIUM ■ SEEING NATIVE PEOPLE IN THE MISSIONIZED AREAS OF WESTERN NORTH AMERICA
Room:  Ballroom E (ACC)  
Time:  6:00 PM - 9:00 PM  
Chairs:  Lee Panich and Nicole Mathwich

Participants:
6:00  Tamra Walter—Native Homelands and Foreign Frontiers: Re-examining Native and Spanish Interaction in the South Texas Missions
6:15  Steve Tomka—Identifying Change among Texas Mission Indians as Reflected in the Written and Material Record
6:30  Susan Snow and Paul Ringenbach—The Modern Cultural Landscape of the San Antonio Missions: How does it Reflect the People of the Missions?
6:45  Barnet Pavao-Zuckerman, J. Homer Thiel and Jeremy Moss—The Joy of Archaeology at the Mission of Sorrows: Investigations at Mission Los Santos Ángeles de Guevavi
7:00  Nicole Mathwich—Ranching in Native Cultural Landscapes: Preliminary Faunal Analysis from Mission Guevavi
7:15  John Dietler, Benjamin Vargas and Jim Potter—Parece Razón: Evidence for Native Americans at Mission San Gabriel, California
7:30  Chelsea Blackmore, Sarah Peelo and Lauren Wysham—“Empty” Spaces and Indigenous Visibility: Preliminary Research at Mission San Antonio de Padua
7:45  Emily Root-Garey—The Intersections of Men and Power at the Alta California Missions
8:00  Ben Curry—The Life and Times of Lorazan Asisara: An analysis of Mission Demographics in Comparison to the Testimony of a Santa Cruz Indian
8:15  Tsim Schneider and Lee Panich—Spanish Missions within California’s Indigenous Landscapes
8:30  Alan Leventhal, Les Field and Rosemary Cambra—The Politics of Erasure, Nominative Cartography, and the Muwekma Ohlone Tribe’s Reclamation of their Ancestral Heritage Sites
8:45  Questions and Answers

[120]  SYMPOSIUM ■ PROCESSIONAL RITUALS IN THE AMERICAS
Room:  18C (ACC)  
Time:  6:00 PM - 9:00 PM  
Chairs:  Susan Evans and Stella Nair

Participants:
6:00  Zoila Mendoza—Contemporary Indigenous Pilgrimage: An Approach to the Andean Sensory Model
6:15  Jean-Pierre Protzen—Pilgrimages to Pachacamac and Titicaca in Inca Times
6:30  Susan Evans—Teotihuacan Water Worship and Processional Space
6:45  Lucia Henderson and Barbara Arroyo—The Life Aquatic: The Archaeology and Iconography of Water at Kaminaljuyú, Guatemala
7:00  John Janusek—Discussant
Thursday Evening, April 24

[121] **SYMPOSIUM ■ PROVINCIAL USES OF INKA MATERIAL CULTURE**

**Room:** 18B (ACC)  
**Time:** 6:00 PM - 9:00 PM  
**Chairs:** Colleen Zori and Sofia Chacaltana  

**Participants:**

6:00 Dennis Ogburn—Inca Things and Local Audiences: Adopting Elements of Imperial Material Culture at the Local Level

6:15 Tamara Bray—Imperial Things: Assembling a New Social Order

6:30 Amanda Aland—The Inka in the Chao Valley, North Coast of Peru

6:45 Ancira Emily Baca Marroquin and Patrick Ryan Williams—Imperial and Local Pottery in the Chinchaysuyo: Examining Provincial Economy through Ceramic Distribution and Consumption Patterns in the South Central Coast, Perú

7:00 Sofia Chacaltana—Material Culture in Coastal Chullpas from Tacahuay Tambo / Pueblo

7:15 Colleen Zori—Local Toasts in Imperial Cups: Inka Queros in the Provinces

7:30 Mauricio Uribe—La cerámica incaica del norte de Chile: actualización y perspectivas

7:45 Gabriel Cantarutti—Inka Style Materials in a Provincial Mining Setting: Evidence from Los Infielies, North-Central Chile.

8:00 Sonia Alconini—Ritual Banquets and Sacred Sounds in the Southern Andes: The Yamparas and the Inka

8:15 Ronald Covey and Kylie Quave—Inka State Canons in Local Communities in the Imperial Heartland (Cusco, Peru)

8:30 Steve Kosiba—By this Standard: Materiality and Social Difference in the Inka Heartland

8:45 Mary Van Buren, Erin Parsons and Brendan Weaver—Provincial Inka Ceramics after the Spanish Conquest

[122] **SYMPOSIUM ■ THE EPHEMERAL, SENSED PAST: ARCHAEOLOGICAL APPROACHES TO SOUND AND HUMAN EXPERIENCE**

**Room:** 9B (ACC)  
**Time:** 6:00 PM - 9:15 PM  
**Chairs:** Dianne Scullin and Miriam Kolar  

**Participants:**

6:00 David Lubman—Sound as Artifact

6:15 Matthias Stöckli—References to Sound in the Rabinal Achi, Guatemala

6:30 Francisca Zalaquett—Sounds and Rituals in Action: Prehispanic Maya Musical Instruments

6:45 Mark Howell—Instrument Morphology and Cultural Preferences
Thursday Evening, April 24

7:00  Elizabeth Blake and Ian Cross—Sound and Music in Archaeological Contexts: The Lithoacoustics Project
7:15  Dianne Scullin—Moche Use of Multi-Media at Huaca de la Luna
7:30  Chris Scarre—Cave art acoustics: the role of sound in the painted caves of northern Spain
7:45  Steven Waller—Pipers’ Stones: Archaeoacoustic Evidence Connecting Music and Megaliths
8:00  Miriam Kolar—Archaeological Psychoacoustics and Auralizations: Theoretical Concerns; Practical Examples
8:15  Rupert Till—Cave Art Soundscapes: Experimental Music Archaeology in the Painted Caves of Northern Spain
8:30  Jeff Benjamin—The Resonance of the Industrial Past
8:45  Steven Feld—Discussant
9:00  Questions and Answers

[123] SYMPOSIUM ■ INVESTIGATIONS IN THE LAND OF CHOCOLATE AND HONEY: RECENT ARCHAEOLOGICAL RESEARCH ON CHETUMAL BAY
Room: 18D (ACC)
Time: 6:00 PM - 9:15 PM
Chair: Debra Walker

Participants:
6:00  Robin Robertson—Cerro Maya Ceramics Revisited
6:15  Jeffrey Vadala—Monumentalizing Solar Zenith Events at Cerro Maya, Belize
6:30  Lisa Duffy—The Right Tools for the Job: The Manos and Metates of Cerro Maya, Belize
6:45  Debra Walker—Life and Afterlife at Cerro Maya, Belize
7:00  Samantha Krause, Thomas Guderjan, Sheryl Luzzadder-Beach and Timothy Beach—Visualizing Maya Agriculture Along the Rio Hondo: a Remote Sensing Approach
7:15  Linda Howie, Terry Powis and Elizabeth Graham—Sitting on the Dock of the Bay: Ceramic Connections between Lamanai and the Chetumal Bay Area over More Than Two Millennia
7:30  Hortensia De Vega and EMILIANO MELGAR—Oxtankah: A Seafaring Town
7:45  Josalyn Ferguson—The Allure of the Regional Hinterlands of the Land of Chocolate and Honey: Terminal Classic Population Movements and Resettlement in the Progresso Lagoon Region of Northern Belize
8:00  Jim Aimers, Elizabeth Haussner and Thomas Guderjan—An Expedient Pottery Technology and Its Implications for Ancient Maya Trade and Interaction
8:15  Marc Marino, Lucas Martindale Johnson and Nathan Meissner—’Producer-Consumer’ Revisited: A Postclassic View of Stone Tool Production from Santa Rita Corozal, Belize
8:30  Susan Milbrath, Debra Walker and Ron Bishop—Workshops for Postclassic Effigy Censers in the Chetumal Bay area
8:45  Kathryn Reese-Taylor—Discussant
9:00  Heather McKillop—Discussant

[124] SYMPOSIUM ■ ARCHAEOLOGIES OF LAND-USE: METHODOLOGICAL AND CONCEPTUAL ADVANCES
Room: 16B (ACC)
Time: 6:00 PM - 9:15 PM
Chairs: Andrew Bauer, Brad Chase and David Meiggs
Thursday Evening, April 24

Participants:

6:00  Andrew Bauer—Land Use, Social Landscapes, and Trajectories of Change: Examples from Early South India


6:30  Jesse Casana—Landscape Phenology, Climate Variability and Agricultural Sustainability in the Northern Fertile Crescent: Insights from Regional-Scale Satellite Remote Sensing

6:45  Brad Chase, David Meiggs and P. Ajithprasad—Pastoral land-use of the Indus Civilization in Gujarat: new findings from biogenic isotopes and faunal analyses

7:00  Omur Harmansah—Place, politics and local knowledge: Methodological lessons from Yalburt Landscape Survey


7:30  William Middleton, Arthur Joyce, Michelle Goman, David Messinger and Kelly Canham—Satellite Paleoeconomy in Oaxaca, Mexico: Assessing Potential Productivity of the Prehispanic Landscape

7:45  Christopher Morehart and John Millhauser—Evaluating Representational Perspectives of Landscape and Adjusting the Historical Gaze of the Basin of Mexico

8:00  Laura Popova—Very Local Vegetation Histories: Analyzing Pollen Signatures from a Wet Forest Hollow in the Ural Mountain Foothills

8:15  Isaac Shearn and Mark Hauser—Discerning changes in Dominican land use through GIS

8:30  T. Thurston—Land hunger, pioneering, and livelihood: colonization, abandonment and reoccupation in a marginal Swedish upland

8:45  Carole Crumley—Discussant

9:00  Kathleen Morrison—Discussant

[125] SYMPOSIUM ■ NAVY ARCHAEOLOGY: RECENT RESEARCH AND CRITICAL PERSPECTIVES

Room: 10C (ACC)
Time: 6:00 PM - 9:15 PM
Chair: Jeff Irwin

Participants:

6:00  Andrew Ugan and Jeff Rosenthal—Planorbids, People, and Paleolakes: Freshwater Molluscs and their Implications for Late Pleistocene and Early Holocene Human Occupation

6:15  Vickie Clay, Craig Young and Robin Michel—Environmental Archaeology in the Western Carson Lake Basin, NAS Fallon, Nevada

6:30  Jessica Herlich—The Kiskiak Site and Paleoethnobotany: A Multi-linear Approach to Environmental and Social Dynamics in Tidewater Virginia

6:45  Shannon Mahoney—Post-Emancipation Community Building at Charles’ Corner in Tidewater Virginia From 1862-1922

7:00  Steve RabbySmith, Carrie Williams and Kad Henderson—Archaeological investigations at the Barrancas Site, 8ES1354: American Period Occupation and Use during the Nineteenth Century.

7:15  April Watson—Recent Investigations at Guantanamo Bay, Cuba

7:30  Bruce Larson and Jeff Irwin—Reconnaissance Survey in Djibouti: Evidence of Coastal Occupations in the Horn of Africa
Thursday Evening, April 24

7:45  Susan Hughes, David Grant, Jennifer Gilpin and Brandy Rinck—The Cattail Creek Site: Digging Through Shell Midden and Navy Process
8:00  George Herbst and Jimmie Collins—Invisible Landscapes: Considering the Significance and Management Needs of Non-site Archaeological Patterning
8:15  Andrew Yatsko—Managing High Densities of Archaeological Sites on San Clemente Island through Programmatic Compliance and Modeling
8:30  Robert Neyland and Alexis Catsambis—Management and Research of US Navy Sunken Military Craft by Naval History & Heritage Command
8:45  Bruce Larson—Discussant
9:00  Andrew Yatsko—Discussant

[126]  SYMPOSIUM ■ THE EMBODIED POLITICS OF INEQUALITY AND PAIN: CASE STUDIES FROM BIOARCHAEOLOGY
   Room: 12AB (ACC)
   Time: 6:00 PM - 9:30 PM
   Chairs: John Crandall and Debra Martin

Participants:
6:00  John Crandall and Debra Martin—Inscribed, Embedded and Embodied: Envisioning a Bioarchaeology of Inequality, Vulnerability and Pain
6:15  Ekaterina Pechenkina, Wenquan Fan and Xiaolin Ma—Bioarchaeological Perspectives on Social Status in Early China
6:30  Pamela Stone—Maternal Health: The Pelvis and Embodied Social and Political Stress
6:45  Ryan Harrod—Embodiments of Conflict and Cooperation: A Biocultural Analysis of Violence and Social Inequality in the Ancient U.S. Southwest
7:00  John Robb—Rethorising inequality and the body
7:15  Lori Wright—Disability, Compassion and the Past — Thoughts from my Wheelchair
7:30  William Walker—Discussant
7:45  Questions and Answers
8:00  Carlina De La Cova—Controlled Lives, Impoverished Deaths: The biological stresses of institutionalization
8:15  Jennifer Muller—Born into poverty: the short lives of the destitute, diseased, and starving infants of the Erie County Poorhouse
8:30  Rachel Watkins—The Embodiment of Inequality: Osteobiographies from the Cobb Human Archive
8:45  Molly Zuckerman, Nicholas Herrmann, Amber Plemons, Michael Murphy and Derek Anderson—Institutionalized lives, institutionalized bodies: preliminary data from excavations at the ‘Mississippi State Lunatic Asylum’ (1855-1935), Jackson, MS.
9:00  Kenneth Nystrom—Embodied inequality: Race, class and anatomy in 19th-20th century United States
9:15  Rosemary Joyce—Discussant

[127]  SYMPOSIUM ■ STEPPING AWAY FROM GRAND NARRATIVES: QUOTIDIAN EVENTS IN THE ARCHAEOLOGY OF THE EASTERN MEDITERRANEAN
   Room: Ballroom B (ACC)
   Time: 6:00 PM - 9:30 PM
   Chairs: Ian Jones and Kathleen Bennallack

Participants:
6:00  Thomas Gallant—An Historical Archaeology of Everyday Life on a Greek
Thursday Evening, April 24

Island: Andros, 16th-19th Centuries CE

6:15  Ian Jones, Mohammad Najjar and Thomas Levy—Outdoor Miners: The Last Day of Work at a Medieval Copper Producing Village in Southern Jordan

6:30  Alan Farahani—From Site Formation Processes to Forming Site Practices: Using Multiple Complementary Data Sets to Identify Long-term Changes in Everyday Depositional Practice at Dhiban, Jordan, 500 CE – 1400 CE

6:45  Jacob Ashkenazi—‘Ravens that fed Elijah Cry to us: “Leave the ploughs”!’ (Isaac of Antioch) Rural monasticism in Late Antique Levant – Literary and archaeological reflections

7:00  Mordechai Aviam—First Century Galilean Entrepreneurs

7:15  Monique Vincent—Last Moments at ‘Umayri: Daily Life in Early Iron Age Transjordan

7:30  Elizabeth Lang—“Our Daily Bread.” Modeling Day-to-Day Household Food Production and Consumption in Ancient Egypt

7:45  A Bernard Knapp—Seafaring and Seafarers: Quotidian Events and Centennial Patterns on Bronze Age Cyprus

8:00  Susan Cohen—The uses (and abuses) of the Beni Hasan tomb painting for the archaeology of Middle Bronze Age Palestine

8:15  Kathleen Bennallack, Thomas Levy and Mohammad Najjar—Preliminary Excavation at Wadi Fidan 61: A Multi-Period Neolithic Site in Faynan, Southern Jordan

8:30  Elisha Van Den Bos—(Re)building histories: House replacement and intergenerational strategy in the Neolithic of Western Anatolia and the Southern Balkans

8:45  Margaret Schoeninger, Kristen Hallin and Henry Schwarcz—Paleoclimate during Neandertal and Anatomically Modern Human Occupations in Israel: The Stable Isotope Data

9:00  Questions and Answers

9:15  Kathleen Bennallack—Discussant

[128] SYMPOSIUM ■ BOUNDARIES, FRONTIERS, AND NETWORKS: SOCIO-CULTURAL INTERACTION IN LOWLAND MAYA CIVILIZATION

Room: Ballroom C (ACC)

Time: 6:00 PM - 10:00 PM

Chairs: Arthur Demarest, David Freidel and Patricia Urban

Participants:

6:00  Brent Woodfill—Salinas de los Nueve Cerros: Production and Exchange at the Nexus of the Maya Highlands, Southern Lowlands, and Chiapas

6:15  Takeshi Inomata—Interaction Between the Maya Lowlands and the Isthmian Region During the Middle Preclassic Period

6:30  Christopher von Nagy, Eliseo F. Padilla Gutiérrez and Mary D. Pohl—Entwined Communities and Enmeshed Polities: LaVenta and the Middle Formative Greater Tabasco Plain Region


7:00  Cassandra Bill, Ellen Bell and Marcello Canuto—Multiple Material Discourses on the Southeast Maya Frontier: Indexing Interaction and Identity through Material Culture in the El Paraíso Valley, Western Honduras

7:15  Patricia Urban and Edward Schortman—Whose “Border”, Whose “Periphery”? Looking at the Maya World from Southeast Mesoamerica

7:30  Howard Earnest and Kathryn Sampeck—Late Classic to Late Postclassic Political and Ethnic Boundaries in Western El Salvador: Maya-Pipil Dynamics
Thursday Evening, April 24

and Routes of Exchange

7:45 Ronald Bishop—Frontiers and Boundaries: a View from the Western Maya Lowlands
8:00 Socorro Jimenez, Ronald L. Bishop and Erin Sears—Fluid Boundaries and Shifting Frontiers: Reflections of the Middle Usumacinta
8:15 Marcie Venter and Christopher Pool—Late Classic Boundary Interactions in the Southern Gulf Lowlands
8:30 Arthur Demarest—Boundaries and Networks of Interaction on the Highland/Lowland “Frontier” of Classic Maya Civilization: Evidence and Interpretations from Cancuen and the Verapaz Highland Region
8:45 David Freidel and Mary Jane Acuña—Frontier Centers and Salient Centers in the Late Preclassic Maya Lowlands
9:00 Andrew Scherer and Charles Golden—Border-Building and Territory-Taking in the Usumacinta River Basin
9:15 Gyles Iannone—Discussant
9:30 Edward Schortman—Discussant
9:45 David Freidel—Discussant

[129] GENERAL SESSION ■ BRAZIL AND AMAZONIA
Room: 8A (ACC)
Time: 8:15 PM - 9:30 PM
Chair: William Barse

Participants:
8:15 William Barse—Genetic Stratigraphy, Paleosols and Orinocan Archeology
8:30 Daniela Klokler—Fishing for “Lucky Stones”: Presence of Otoliths in Brazilian Shell Mound Sites
8:45 Paulo DeBlasis, Andreas Kneip and Deisi Farias—Old Traditions and New Kids on the Block: Enduring Patterns of Funerary Architecture in the Southern Brazilian Shores
9:00 Francisco Antonio Pugliese, Eduardo Góes Neves and Guilherme Mongeló—Exploration, Mapping and Excavation of the Fluvial Shellmounds of the Guaporé Basin, Southwestern Amazonia
9:15 Fernanda Neubauer and Nam C. Kim—Tupinambá Practices of Warfare, Revenge, and Cannibalism in 16th Century Brazil

[130] GENERAL SESSION ■ POLITICS, POWER, AND COSMOLOGY IN THE MESOAMERICAN LANDSCAPE
Room: 9C (ACC)
Time: 8:15 PM - 9:45 PM
Chair: Lane Fargher

Participants:
8:15 Lane Fargher, Verenice Heredia Espinoza and Alejandro Uriarte Torres—Collective Action, Intermediate Sociospatial Units, and Urban Organization in Pre-Hispanic Mesoamerica: An Interregional Cross-Scale Comparison
8:30 Kendall Hills—Place-Making at Minanha: A Contextual Analysis of Epicentral Material Culture
8:45 Tatiana Young—Ball Courts and Political Organization during the Terminal Classic in the Cochuah Region, Quintana Roo, Mexico
9:00 Caitlin Earley—Tallest Mountain, Deepest Lake: Cosmology and Landscape in Maya Centers of the Comitán Valley, Chiapas, Mexico
9:15 Claudia Garcia-Des Lauriers—Beyond the Strategic: Cerro Bernal and Los Horcones as a Sacred Landscape
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9:30     Jeff Kowalski—Creation, Renewal Ritual, and Political Authority: Messages in the Mosaic Facades of the Nunnery Quadrangle at Uxmal

[131]    GENERAL SESSION ■ ALASKA DURING THE PLEISTOCENE
Room: 9A (ACC)  
Time: 8:30 PM - 9:15 PM  
Chair: Kelly Monteleone  

Participants:
8:30     Heather Smith—An investigation of the origin of Alaskan fluted points and their role in the early settlement of Beringia and the Americas
8:45     Kelly Monteleone and E. James Dixon—GIS modeling for Underwater Paleoindian Age Archaeology Sites in SE Alaska
9:00     Angela Gore and Kelly Graf—Eastern Beringian Toolstone Procurement and Selection: A Case Study from the Nenana Valley