

Saturday Morning, April 14**Saturday Morning ■ April 14, 2018****[229] SYMPOSIUM ■ THE ATLANTIC IRON AGE AND THE CIVIDADE DE BAGUNTE IN NORTHWEST PORTUGAL****Room:** Madison B**Time:** 8:00 AM–9:45 AM**Chairs:** Mariah Wade and Pedro Brochado De Almeida**Participants:**

- 8:00 Pedro Brochado De Almeida—The Cividade de Bagunte Archaeological Project  
 8:15 Mariah Wade—The Penumbra of Castro Archaeology: Evidence and Questions  
 8:30 Jordan Bowers—Space, Place, and Landscape at Cividade de Bagunte  
 8:45 John Duncan Hurt—The Cividade de Bagunte and the Problems of Castro Architecture  
 9:00 Patricia Neuhoff-Malorzo—Agriculture and Resource Procurement for the Castro Settlements of NW Iberia: Examination of Floatation Samples for the Castro Site of Bagunte  
 9:15 Elizabeth De Marigny—The Economics behind Pottery: The Impact of Romanization on Castro Culture Ceramics in the Littoral Northwest  
 9:30 Nadya Prociuk—Changing Times, Changing Ways? Evidence for Metallurgy at the Cividade de Bagunte

**[230] SYMPOSIUM ■ ARCHAEOLOGIES OF INFRASTRUCTURE: MATERIAL RELATIONS AND HUMAN HISTORIES****Room:** Taft**Time:** 8:00 AM–9:45 AM**Chairs:** Christopher Morehart and Andrew Bauer**Participants:**

- 8:00 Peter Johansen—Assembling Infrastructure, Detotalizing Communities: Provincial Infrastructure as Situated History and Landscape in British Columbia  
 8:15 Christina Halperin, Jean-Baptiste Le Moine and Enrique Perez Zambrano—Infrastructures of Moving Water at a Terminal Classic Maya Site in Petén, Guatemala  
 8:30 Steve Kosiba—Crumbling Infrastructure: Archaeological Perspectives  
 8:45 Andrew Bauer—Growing Infrastructure, Cultivating Differences: The Temporalities of Agricultural Assemblages and the Social History of the Raichur Doab, Southern India  
 9:00 Jared Koller and Stephen Acabado—Under the Church Bell: Reducción and Control in Spanish Philippines  
 9:15 Christopher Morehart—Cosmologies of Ruins and Ruination: Infrastructures and the Anthropocene  
 9:30 Emily Hammer—Water and Pasture Infrastructure of Mobile Pastoralists in Southeastern Turkey

**[231] ELECTRONIC SYMPOSIUM ■ FUTURES AND CHALLENGES IN GOVERNMENT DIGITAL ARCHAEOLOGY***(Sponsored by SAA Digital Data Interest Group)***Room:** Delaware B**Time:** 8:00 AM–10:00 AM**Chair:** Jolene Smith**Participants:**

- David Gadsby—Approaches, Rationales, and Challenges to Maintaining Site Inventory in the National Parks

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Jolene Smith—Always Halfway There: Keeping Up with Digital Archaeological Data in Virginia  
Matthew McKnight—The Maryland Archaeological Synthesis Project: One State's Solution to Archaeology's Crushing Gray Literature Problem  
Leigh Anne Ellison—Sharing Curation Expertise and Space for Digital Archaeological Data  
Joshua J. Wells—Principles of Open Government Archaeology: Lessons from the Digital Index of North American Archaeology (DINAA)  
Cecilia Smith—Ethics and Best Practices for Mapping Archaeological Sites  
Rachel Watson—Can You Make Me a Map? Making Louisiana's Cultural Resources Records Accessible  
Rosemarie Blewitt—Managing Digital Data at the North Carolina Office of State Archaeology: Challenges and Directions  
Mary De La Garza—10 Years, 3 Supervisors, 7 Assistants and 30 Students. How the Iowa Office of the State Archaeologist Managed, Manages and Plans for the Future of Archaeological Data

**[232] FORUM ■ MILITARY ARCHAEOLOGY RESOURCES SUBGROUP FORUM:  
ARCHAEOLOGICAL RESEARCH CONTRIBUTIONS FROM CRM ON MILITARY LANDS**  
*(Sponsored by SAA Military Archaeology Resources Subgroup)*  
**Room:** Jackson  
**Time:** 8:00 AM–10:00 AM  
**Moderators:** Kristen Mt. Joy and Jake Fruhlinger

**Participants:**

Julie Esdale—Discussant  
Alexander Woods—Discussant  
Craig Dengel—Discussant  
Robert Neyland—Discussant  
Shaun Nelson—Discussant  
Reymundo Chapa—Discussant

**[233] FORUM ■ ENOUGH TALKING ALREADY: TIME TO DEFINE PUBLIC EDUCATION FOR THE  
NEXT 25 YEARS**  
*(Sponsored by SAA Public Archaeology Interest Group [PAIG])*  
**Room:** Jefferson  
**Time:** 8:00 AM–10:00 AM  
**Moderators:** Eleanor King and Carol Ellick

**Participants:**

Mia Carey—Discussant  
Meredith Langlitz—Discussant  
Shereen Lerner—Discussant  
Jeanne Moe—Discussant  
Elizabeth Reetz—Discussant  
LaMarise Reid—Discussant  
Della Scott-Ireton—Discussant  
Lynne Sebastian—Discussant  
Ben Thomas—Discussant  
Jessica Yaquinto—Discussant

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- [234] FORUM ■ THE NUTS AND BOLTS OF AGENT-BASED MODELLING FOR  
ARCHAEOLOGICAL SCIENCE**  
**Room:** Washington Room 5  
**Time:** 8:00 AM–10:00 AM  
**Moderator:** Colin Wren

**Participants:**

Sean Bergin—Discussant  
James Allison—Discussant  
Claudine Gravel-Miguel—Discussant  
Jonathan Reeves—Discussant  
Grant Snitker—Discussant  
Nicolas Gauthier—Discussant  
Stefani Crabtree—Discussant  
C. Michael Barton—Discussant

- [235] FORUM ■ LEAST COST PATH TO REDUCE THE GENDER GAP: FEMALE VOICES  
CONTRIBUTING TO GIS AND REMOTE SENSING IN ARCHAEOLOGY**  
**Room:** Park Tower Suite 8222  
**Time:** 8:00 AM–10:00 AM  
**Moderators:** Gabriela Ore Menendez and Lauren Kohut

**Participants:**

Heather Richards-Rissetto—Discussant  
Jennie Sturm—Discussant  
Hali Thurber—Discussant  
Jennifer Haas—Discussant  
Marieka Brouwer Burg—Discussant  
Kisha Supernant—Discussant  
Meghan Howey—Discussant  
Silvia Tomaskova—Discussant

- [236] FORUM ■ HERITAGE STILL MATTERS: ARCHAEOLOGY AND COMMUNITY  
ENGAGEMENT THROUGH POLITICAL ADVOCACY**  
*(Sponsored by Coalition for American Heritage)*  
**Room:** Park Tower Suite 8212  
**Time:** 8:00 AM–10:00 AM  
**Moderators:** Sara Gale and Sarah Miller

**Participants:**

Bonnie Pitblado—Discussant  
Paul Minnis—Discussant  
Barbara Little—Discussant  
J. Joseph—Discussant  
Marion Werkheiser—Discussant  
Judith Bense—Discussant

- [237] FORUM ■ THE INTANGIBLE DIMENSIONS OF FOOD IN THE CARIBBEAN ANCIENT AND  
RECENT PAST**  
**Room:** Park Tower Suite 8206  
**Time:** 8:00 AM–10:00 AM  
**Moderators:** L. Antonio Curet and Mary Jane Berman

**Participants:**

Brittany Mistretta—Discussant  
 Sophia Perdikaris—Discussant  
 Christina M. Giovas—Discussant  
 Sarah Oas—Discussant  
 Jaime R. Pagan-Jimenez—Discussant  
 Amanda Logan—Discussant

**[238] POSTER SESSION ■ DIGITAL ARCHAEOLOGY: PHOTOGRAMMETRY, REMOTE SENSING, DRONES**

**Room:** Exhibit Hall B South

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 238-a Leslie Perkins and Travis Stanton—Light Detection and Ranging (LiDAR) of San Gervasio, Isla Cozumel, Quintana Roo, Mexico
- 238-b Christopher Carr—Potential Method for Structure Alignment by the Ancient Maya
- 238-c William Feltz—A Study of 3D Photogrammetry and Oneota Ceramics
- 238-d Melanie Heizer—Photogrammetric Results of Cemetery Inscription Analysis
- 238-e Matthew Howland and Thomas E. Levy—Digital Deforestation: DTM Generation with Agisoft Photoscan
- 238-f Andrea Kruse—Digital History and Storytelling though Routt National Forest Past and Present Photographs
- 238-g Robert J. DiNapoli, Terry L. Hunt and Carl P. Lipo—Quantifying Energy Investment in Monuments (Ahu) on Rapa Nui (Easter Island) Using Structure from Motion Mapping
- 238-h Carey Baxter, Michael Hargrave, George Calfas, Samuel Vance and Andrew Hamblin—3-D Scanning, LiDAR, and UASs in Cultural Property Protection
- 238-i Rachel Fernandez and Leigh Anne Ellison—Hidden Threat: Issues with Confidentiality and Protection of Digital Data
- 238-j Benjamin Baaske and Kevin Austin—Study of Historical Visualization: Case Study in Process Documentation at Xno'ha
- 238-k Rachel Grap—Landscape Scale Ground Penetrating Radar and Magnetometry at Tel Shimron, Jezreel Valley, Israel
- 238-l Emily Milton, Kurt Rademaker and Peter Leach—Are We Living in a Simulation? Digital Reconstructions of Early Sites in Coastal Peru
- 238-m Nicholas Case, William Taylor and Julia Clark—Digital Archaeology In Mongolia: Visualizing the Data
- 238-n Elise Jakoby Laugier—Reconstructing Land-Use Histories in Ecologically Transitional Mesopotamian Landscapes

**[239] POSTER SESSION ■ ARCHAEOLOGICAL APPROACHES IN GIS: NORTH AMERICA**

**Room:** Exhibit Hall B South

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 239-a Andrew Anklam and Dan Wendt—Modeling Proglacial Shore Lines of Glacial Lake Agassiz around Prehistoric Quarries in Northern Minnesota
- 239-b Kathryn Bobolinski and Ashley Hampton—Continuity or Change: A GIS Analysis of Artifact Distributions from Pre-colonial Housepit 54
- 239-c Jakob Hanschu—Quantifying the Qualitative: Locating North-Central Kansas Burial Mounds
- 239-d Ethan Ryan—Chipping Away through Space and Time: A Macroevolutionary Approach to Household Spatial Organization

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- 239-e Amanda Renner, Ralph Hartley and William Hunt—A Geospatial Analysis Exploring Movement and Perception in the Selection of Alpine Cairn Locations in Southeast Alaska
- 239-f Robert Gustas and Kisha Supernant—Theoretical Frameworks for Modelling Late-Pleistocene Coastal Migration into the New World
- 239-g Rebekah Truhan—The Grateful Dead: A GIS Approach to Determining the Correlation between Habitation Sites and Burial Sites in the Woodland Period in Iowa
- 239-h Danielle Cannon and Carly Plesic—Using ArcMap to Create a Database for an Historic Cemetery in Northeast Pennsylvania
- 239-i Erin Cagney and Joe Dent—Of Palisades and Postmolds
- 239-j Derrick Marcucci, Susan Gade and Antonio Martinez Tunon—The VerHage Site: A Late Archaic Seasonal Village located in Walkill Drainage of Southeastern New York
- 239-k Emily Mierswa, Crystina Friese and Meghan Howey—Graves in the Forest: Mapping Lost Colonial Cemeteries in the Oyster River Watershed
- 239-l Andrew Clark—Warfare and Topography in the Middle Missouri
- 239-m Vanessa Sullivan—Sinking into the Maritime Archaeology of the Ocean State: The Use of GIS to Analyze Rhode Island's Submerged Archaeological Sensitivity
- 239-n Ashley Hampton—A Stone Throw(n) Away: Examining the Interconnection between Identity and Division of Labor through an Evolutionary Analysis of Household Spatial Organization
- 239-o Moira Peckham and Annie Danis—Community- Engaged Archaeology with Abiquiú, New Mexico
- 239-p Becca Peixotto—Paths of Connection in the Great Dismal Swamp: Wetland Watercourses as Indigenous and Maroon Landscape Features

**[240] POSTER SESSION ■ ARCHAEOLOGICAL APPROACHES IN GIS: SOUTH AMERICA****Room:** Exhibit Hall B South**Time:** 8:00 AM–10:00 AM**Participants:**

- 240-a Ian Beggen—Preliminary Investigations into the Site of Chullpa K'asa in Southwestern Bolivia
- 240-b Sarah Kennedy—Life in a Colonial Mining Camp: Reconstructing Power and Identity in a Colonial Context (Puno, Peru)
- 240-c Rachael Penfil and Kelita Pérez Cubas—Control, Visibility, and Storage at Monte Sierpe, a Late Horizon Site in the Pisco Valley, Peru
- 240-d Brendon Murray, Patrick Mullins and Brian Billman—GIS Analysis of Monumental Structures at the Late Moche Site of Galindo
- 240-e Camille Weinberg, Jo Osborn, Rachael Penfil and Kelita Pérez Cubas—New Evidence of Late Intermediate and Inca Occupation at Jahuary, Quebrada de Topará, Peru
- 240-f Sarah Stagg and Jason Toohey—Rock Art and the Creation of Landscape at Callacpuma, Peru
- 240-g Grace Ellis, Anna Browne Ribeiro and Filippo Stampanoni—Ancient Landscapes of Amazonia: A Study of Pre-Colonial Processes and Contemporary Use at Macurany, Brazil
- 240-h Ashley Harris, Jason Toohey and Kirk Scheffler—GIS Applications in the Analysis of Prehispanic Settlement in Cajamarca, Peru

**[241] POSTER SESSION ■ HISTORICAL ARCHAEOLOGY OF NORTH AMERICA****Room:** Exhibit Hall B South**Time:** 8:00 AM–10:00 AM**Participants:**

- 241-a Eileen Ernenwein, Jay Franklin and Nathan Shreve—Cherokee-Spanish Interactions in the Middle Nolichucky Valley, Tennessee, Revealed by Geophysics and Targeted Excavations
- 241-b Elijah J. Hermitt, Kirk French, Carly Hunter, Cayt Holzman and Caitlin Donahue—Where the Devil Don't Stay: The Role of Moonshine Production in the Mountains of North Carolina
- 241-c Carly Hunter—The Last Ones Out: The Impacts of the National Park Service on the Inhabitants of Cataloochee Valley, NC
- 241-d Richard Jefferies and Christopher Moore—Baubles, Bangles and Beads: The Role of Personal Adornments in a 17th Century Spanish Mission Period Community
- 241-e Kataryna Flowers—Inequality and Consumption Patterns in the North Carolina Piedmont
- 241-f Michelle Carpenter—Indications of Faunal Starvation in Jamestown Colony
- 241-g Brittany Hundman and Jay Franklin—Crocks and Canning: Economics of Homesteading on Boone Lake
- 241-h C. Broughton Anderson, Annie He, Bianca Godden, Samantha Sise and Alicia Crocker—A Study of George White through Flight and Light
- 241-i Elizabeth Sawyer, Katelyn Coughlan and Crystal Ptacek—Identifying Source Deposits in Monticello's South Pavilion
- 241-j LuAnn Wandsnider—Heritage Enhances Resilience?: The Solomon Butcher History Project of Custer County, Nebraska
- 241-k Lila Jones and Eileen Johnson—3D Geometric Morphometrics Applied in the Identification of *Canis* spp. Specimen from a Historic Site in Western Texas
- 241-l Carlton Gover—An Archaeological Perspective on Oral Traditions, Regarding Migration, of the Northern Caddoan Speaking Tribes

**[242] POSTER SESSION ■ TRADE & EXCHANGE II****Room:** Exhibit Hall B South**Time:** 8:00 AM–10:00 AM**Participants:**

- 242-a Abigail Varlan and Olivia Navaro-Farr—Trade Winds: A Study of Roman Ceramic Trade in the Balearic Islands
- 242-b Amanda Dobrov—Roman Amphoras of North Africa: Markers of a Pan-Mediterranean Economy
- 242-c Helina Woldekiros—Human and Animal Foodways on the Afar Salt Route, North Ethiopia
- 242-d Jay Stephens and David Killick—Assessing the Suitability of Southern Africa for Archaeological Provenance Studies with Lead Isotopes
- 242-e Dean Blumenfeld—Lithic Economy of Epiclassic Los Mogotes
- 242-f Paris Franklin, Mitchell E. McElwain, Bradford W. Andrews, Amanda K. Taylor and Dennis Lewarch —An Analysis of Obsidian Consumption in the Postclassic Coatlan del Rio Valley

Saturday Morning, April 14**[243] SYMPOSIUM ■ BELIZE CAMP 2017: EXCAVATIONS, ANALYSIS, AND INSIGHTS FOR THE COLHA ARCHAIC MAYA PROJECT****Room:** Park Tower Suite 8216**Time:** 8:00 AM–10:00 AM**Chairs:** Fred Valdez and Luisa Aebersold**Participants:**

- 8:00 Palma Buttles and Fred Valdez—Colha, Northern Belize: A History and Record of Research
- 8:15 David Burns, Luisa Aebersold, Fred Valdez, Samantha Krause and Anastasia Kotsoglou—Excavations at Two New Operations at Colha
- 8:30 Lauren Sullivan, David Hyde, Robin Robertson, Palma Buttles and Fred Valdez—Material Culture and Chronology at Colha, Belize: Recent Findings and Future Directions
- 8:45 Annie Riegert and Lucy Gill—Mortuary Landscapes and Placemaking through Veneration at the Maya Site of Colha
- 9:00 Sharon Hankins and Megan Skillern— Experimental Ceramic Technology: Colha, Belize
- 9:15 Anastasia Kotsoglou, Samantha Krause, Luisa Aebersold, Fred Valdez and Timothy Beach —Soils, Sedimentary Rocks, and Scale: Recent Geoarchaeological Investigations at Colha, Northern Belize
- 9:30 Luisa Aebersold, Fred Valdez and Brittany Mitchell—Seeds that Germinate: Models, Paleobotanical, and Archaeological Evidence for Colha's Early Inhabitants
- 9:45 Fred Valdez—Discussant

**[244] SYMPOSIUM ■ INVESTIGATIONS INTO SUBMERGED PREHISTORY: METHODOLOGICAL APPROACHES, RECENT ENDEAVORS, AND NEW RESULTS****Room:** Delaware A**Time:** 8:00 AM–10:00 AM**Chairs:** Morgan Smith, Neil Puckett and Jessica Cook Hale**Participants:**

- 8:00 Jessica Cook Hale and Ervan Garrison—Remnant Landscapes, Taphonomic Challenges and Middle Range Theory in Submerged Prehistoric Archaeology
- 8:15 Adam Burke—Reevaluating Florida's Chert Quarry Clusters: An Update on Sampling Strategies, Methodological Approaches, and New Results from Northwest Florida
- 8:30 Morgan Smith—Stuck in the Middle: A Technological Organization Study on an Underwater Paleoindian Assemblage
- 8:45 Neil Puckett—Revealing the Drowned Past: New Evidence for Buried Underwater Landforms in Walker Lake, NV
- 9:00 Ashley Lemke—Anthropology Underwater: Landscape Archaeology above and below Water in the Great Lakes
- 9:15 Shawn Joy—The Trouble with the Curve: Reassessing the Gulf of Mexico Sea-Level Rise Model
- 9:30 Jessi Halligan and Michael Waters—Terminal Pleistocene Climate Change and Shifting Paleoindian Landscapes in North Florida
- 9:45 John O'Shea—Discussant

Saturday Morning, April 14**[245] SYMPOSIUM ■ ON THE SHOULDERS OF GIANTS: LONG-TERM COLLABORATIVE RESEARCH PROJECTS IN THE CARPATHIAN BASIN****Room:** Lincoln 2**Time:** 8:00 AM–10:00 AM**Chairs:** William Parkinson, Attila Gyucha and Richard Yerkes**Participants:**

- 8:00 Attila Gyucha, William Parkinson and Richard Yerkes—Blending Traditions: A History of Collaborative Prehistoric Research in the Carpathian Basin
- 8:15 William Parkinson, Attila Gyucha and Richard Yerkes—The Körös Regional Archaeological Project, 20 Years of (Mostly Successful) Collaboration
- 8:30 Danielle Riebe and János Dani—A Dynamic Past: The Prehistoric Interactions on the Plain Project
- 8:45 Bryan Hanks and Miroslav Kocic—Reassessing Neolithic Settlement Patterning in Central Serbia through Geophysical and Geochemical Survey
- 9:00 Timothy Parsons—Reinventing the Wheel: Discovering the Late Copper Age in Hungary, Again
- 9:15 Timothy Earle, Magdolna Vicze, Kristian Kristiansen and Marie Louise Sørensen—Százalombatta Archaeological Expedition (SAX). Hungary: A 20-year History of Theories, Methods, and Results of an International Project in Central Hungary
- 9:30 Györgyi Parditka, Paul R. Duffy, Julia I. Giblin and László Paja—Peeling Back the ‘Overburden’: Collaborative Projects Studying Middle Bronze Age Societies in the Körös-Region, Southeast Hungary
- 9:45 Questions and Answers

**[246] LIGHTNING ROUNDS ■ GEOCHEMISTRY AND IDENTITY****Room:** Lincoln 3**Time:** 8:00 AM–10:00 AM**Moderators:** Camilla Sturm and Rory Walsh**Participants:**

- Camilla Sturm—Discussant
- Rory Walsh—Discussant
- Pamela Vandiver—Discussant
- Jeffrey R. Ferguson—Discussant
- Alison K. Carter—Discussant
- Callan Ross-Sheppard—Discussant
- Ronald L. Bishop—Discussant
- Heather Walder—Discussant
- John Alden—Discussant
- Andrew Womack—Discussant
- Margaret Beck—Discussant
- Kostalena Michelaki—Discussant
- Dean Arnold—Discussant

**[247] SYMPOSIUM ■ THE CLIMATE REALITIES OF CULTURAL HERITAGE AND ARCHAEOLOGY****Room:** Johnson**Time:** 8:00 AM–10:15 AM**Chairs:** Marcy Rockman, Carrie Hritz and Peter Biehl**Participants:**

- 8:00 Marcy Rockman and Andrew Potts—Status Update on Archaeology in Relation to the Climate Change Movement

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- 8:15 Pei-Lin Yu and Marcy Rockman—The State of the Art in Stating Risk: Assessment of Climate Vulnerability Assessments for National Park Service Archaeology and Cultural Heritage Resources
- 8:30 Carrie Hritz, Marcy Rockman, Robert Winthrop and Torben Rick—Archaeology as Actionable Science on Climate Change: Lessons from Interdisciplinary Collaboration
- 8:45 Scott Ingram—Engaging the Past for a Warming World
- 9:00 LouAnn Wurst and Stephen Mrozowski—Historical Archaeology of Capitalism and Climate Change
- 9:15 Keith Kintigh and Jeffrey Altschul—Convergence Research and the Coalition for Archaeological Synthesis
- 9:30 Arlene Fleming—Challenges for Archaeologists: A Changing Climate Is Only One Development
- 9:45 Margo Schwadron—Engaging Community in Climate Change, Heritage Resource Management and Citizen Science: Examples from Florida's National Parks
- 10:00 Anne Jensen—Discussant

**[248] SYMPOSIUM ■ LOOKING DOWN ON MESOAMERICA: APPLYING GEOPHYSICAL PROSPECTION, UAV MAPPING, AND LIDAR TO THE ARCHAEOLOGICAL RECORD**  
**Room:** Washington Room 6  
**Time:** 8:00 AM–10:15 AM  
**Chair:** Marc Levine

**Participants:**

- 8:00 Marc Levine, Alex E. Badillo, Scott Hammerstedt, Amanda Regnier and Marcus Winter—Monte Albán's Main Plaza: New Perspectives Gained through Geophysical Prospection and Digital Mapping
- 8:15 Amanda Regnier, Scott Hammerstedt and Marc Levine—Geophysical Prospection of Monte Albán's Main Plaza: An Overview of Results
- 8:30 Scott Hammerstedt, Amanda Regnier and Marc Levine—The Discovery of a New Buried Building on Monte Albán's Main Plaza
- 8:45 Alex E. Badillo and Marc Levine—Mapping from the Heavens: UAV(Drone) Data Collection at Monte Albán, Oaxaca, Mexico
- 9:00 Israel Hinojosa-Balino and Gerardo Gutiérrez—Moving beyond Drone Technology: Comparing and Interpreting Architecture and Power at Chalcatzingo, Cuicuilco, and Teotihuacan through Volumetric Measurements Obtained with Unmanned Aerial Vehicles
- 9:15 Danielle Mercure, Dominique Meyer, Eric Lo, Tanya Anaya and Traci Ardren—Photogrammetric Registration of Excavation and Sacbe Segments at Yaxuna
- 9:30 Omar Alcover, Thomas Garrison and Stephen Houston—Bridging the Gap: Spectral and Structural Analysis of Archaeological Settlement in El Zotz, Guatemala
- 9:45 Jorge Blancas, Lisa Overholtzer, Luis Barba, Agustín Ortíz and Eos Lopez—Archaeological Prospection at Cerro Coyotepetl, Tepeticpac, Tlaxcallan: Preliminary Results from the 2017 Field Season of the Proyecto de Arqueología Cotidiana de Tepeticpac
- 10:00 Questions and Answers

Saturday Morning, April 14**[249] SYMPOSIUM ■ VARIABILITY THAT LIVES: ECOLOGICAL, POLITICAL AND SOCIAL ADAPTATIONS TO DIFFERENT ENVIRONMENTAL ZONES OF SOUTH AMERICA****Room:** Hoover**Time:** 8:00 AM–10:30 AM**Chairs:** Sadie Weber and Solsiré Cusicanqui**Participants:**

- 8:00 Fernando Franchetti, Miguel Giardina, Loukas Barton and Clara Otaola—Hunter-Gatherer Adaptation in the Deserts of Northern Patagonia
- 8:15 Sadie Weber—Pulling Abundance out of Thin Air: The Role of Pastoralism in 1000 BC Peru
- 8:30 Solsiré Cusicanqui—Cajamarca: Identity through Movement
- 8:45 Rachel Johnson—Animism and Agency in the Amazonian Landscape: A Consideration of the Ontological Turn Utilizing Perspectives from Modern Runa Communities
- 9:00 Corey Herrmann and Nicholas Brown—The Thorny Problem of *Spondylus* Sourcing in the Ancient Andes
- 9:15 Augusto Bazan Perez—Assessing Chronology, Spatial Setting, and Architectural Planning at Pampa de Llamas-Moxeke, Casma Valley
- 9:30 Jose Canziani—Habitar la diversidad: la transformación del paisaje y la construcción del territorio en el antiguo Perú
- 9:45 Richard Sutter—Variability among the Dead: Population Structure and Inferred Cultural Adaptations to the Changing Environmental and Sociopolitical Landscapes during the Late Moche (AD 650–800) Era in the Jequetepeque Valley, Peru
- 10:00 Francisca Santana Sagredo, Petrus le Roux, Rick Schulting, Julia Lee-Thorp and Mauricio Uribe—Travelling across the Atacama Desert: New Evidence for Human Mobility in Northern Chile Based on Oxygen and Strontium Isotopes
- 10:15 Karl Zimmerer—Discussant

**[250] SYMPOSIUM ■ NOVEL ANALYTICAL APPROACHES TO ARCHAEOLOGY IN THE FAR NORTH****Room:** Washington Room 1**Time:** 8:00 AM–10:30 AM**Chairs:** Briana Doering and Angela Gore**Participants:**

- 8:00 Charles Holmes—Discussant
- 8:15 Brooks Lawler—Clarifying Perceptions of Rock: Prehistoric Use of Common Toolstone in Tangle Lakes, Alaska
- 8:30 Caitlin Holloway—Hearth Features in High-Latitude Environments
- 8:45 Questions and Answers
- 9:00 Anna Antoniou and Earl Davis—Collaborative Archaeology in Willapa Bay, Washington: Supporting Communities through Scientific Research
- 9:15 Dougless Skinner, Paul Williams Sr., Holly McKinney and Michael Koskey—White Eye Traditional Knowledge Camp: Exploring Prehistoric Subsistence Behavior through Gwich'in Traditional Ways of Knowing
- 9:30 Hilary Hilmer—Subsistence Practices at Healy Lake Village Site
- 9:45 Joshua Lynch—Assessing Variability in Toolkit Functionality: Differential Wear Patterns on Projectile Technologies from Late Pleistocene/Early Holocene Interior Alaska
- 10:00 Angela Gore—The Lithic Landscape of the Nenana Valley: Investigating Land-Use and Toolstone Procurement Activities in Interior Alaska
- 10:15 Owen Mason—Discussant

Saturday Morning, April 14**[251] SYMPOSIUM ■ ARCHAEOLOGY IN AND AROUND THE NATION'S CAPITAL****Room:** Wilson A**Time:** 8:00 AM–10:45 AM**Chair:** Emily Swain**Participants:**

- 8:00 Megan Veness—Rocks and a Box: Data Recovery of a Rural Domestic Complex
- 8:15 Christopher Sperling—A Twitch or a Wink: A Search for Meaning in Coins, Cuffs, and Pottery from a Rural Virginia Assemblage
- 8:30 Emily Swain—Hidden beneath the Asphalt: Urban Archaeology in Parking Lots
- 8:45 Ruth Troccoli and Josh Silver—A New Frontier: Archaeology and Heritage Management Meet Urban Planning and Creative Placemaking
- 9:00 Jennifer Porter-Lupu—Performing a Queer Aesthetic in Early 20th Century Washington: Preliminary Findings from the Halcyon House Site
- 9:15 Geri Knight-Iske and Emily Swain—A Place to Heal: Archaeology at St. Elizabeths Hospital
- 9:30 Amelia Chisholm—A Cultural Landscape Study of Generals Highway
- 9:45 Anastasia Poulos—In the Face of the Flood: A County's Efforts to Mitigate the Potential for a Massive Loss of Cultural Resources
- 10:00 Ronald Castanzo and Elgin Klugh—The Archaeology of Historic Laurel Cemetery in Baltimore, Maryland
- 10:15 Heather Bouslog—Oakley Cabin: Revisited
- 10:30 Stephen Israel—A Brief History of Archaeology Studies in Maryland with Biographical Sketches of Notable Maryland Archaeologists and Avocational Archaeologists, 1870 to 2018

**[252] SYMPOSIUM ■ MONUMENTALITY AND THE PRECLASSIC MAYA****Room:** Wilson B**Time:** 8:00 AM–10:45 AM**Chairs:** Yuko Shiratori and Justin Bracken**Participants:**

- 8:00 Milan Kovac—Uaxactun as the Preclassic Dominant of Central Peten
- 8:15 Richard Hansen, Edgar Suyuc-Ley, Carlos Morales, Beatriz Balcarcel and Stanley Guenter—The Monumentality of the Preclassic Maya of the Mirador Basin, Guatemala
- 8:30 Kathryn Reese-Taylor, Atasta Flores Esquivel, Nicholas Dunning, Armando Anaya Hernandez and Debra Walker—Monumentality and Horizontality in a Preclassic Cityscape
- 8:45 Jaroslav Zralka and Bernard Hermes—Monumental Architecture of Yaxha and Nakum (Northeastern Guatemala) during the Middle and Late Preclassic Periods
- 9:00 Timothy Pugh—New Data on City Planning at Nixtun-Ch'ich', Petén, Guatemala
- 9:15 Questions and Answers
- 9:30 Francisco Estrada-Belli—Ritual and Political Landscapes of the Preclassic Maya: A View from the Cival Region
- 9:45 Mary Jane Acuña, Carlos Chiriboga, Varinia Matute and Francisco Castañeda—Preclassic Landscape Modifications and Regional Networks at El Tintal, Petén, Guatemala
- 10:00 Justin Bracken—Preclassic Fortified Spaces: Within and Beyond the Ramparts at Muralla de León
- 10:15 Yuko Shiratori and Timothy Pugh—Commemorating the Preclassic Monumental Construction at Tayasal, Guatemala

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10:30 Takeshi Inomata—Discussant

**[253] SYMPOSIUM ■ THE CULTURAL AFFILIATION OF THE ANCIENT ONE (KENNEWICK MAN)**

*(Sponsored by SAA Committee on Native American Relations)*

**Room:** Harding

**Time:** 8:00 AM–10:45 AM

**Chair:** Rex Buck

**Participants:**

8:00 Rex Buck—Responsibilities to the Ancient One  
 8:15 Joe Sexton—Reflection on Jelderks' Judicial Decision and the Ninth Circuit's Decision in the Bonnichsen Litigation  
 8:30 Angela Neller and Lourdes Henebry-DeLeon—The Best Defense Is a Good Offense: Culturally Affiliating the Ancient One by Following the Law  
 8:45 Velma Valdez, Angela Neller and Lourdes Henebry-DeLeon—Tribal Agency and Federal Hegemony: NAGPRA in Action  
 9:00 Lourdes Henebry-DeLeon—Born and Bred on the Columbia Plateau: The Ancient One in Time and Place  
 9:15 Steven Hackenberger and Lourdes Henebry-DeLeon—Paleoarchaic Cultural Affiliations on the Columbia Plateau  
 9:30 Jacqueline Cook—We know that our people have been part of this land since the beginning of time -- A Cultural Statement for the Ancient One  
 9:45 Teara Farrow Ferman—Partnerships Developed during the Ancient One History and Next Steps to Building Better Partnerships – A Tribal Perspective  
 10:00 Laura Phillips—Repository Reflections: Where's the Humanity?  
 10:30 Questions and Answers

**[254] SYMPOSIUM ■ PLANTS GOT A LOT TO SAY IF YOU TAKE THE TIME TO LISTEN: GARDENS IN THE AMERICAN NEOTROPICS**

**Room:** Wilson C

**Time:** 8:00 AM–11:00 AM

**Chairs:** Maia Dedrick and Andrew Wyatt

**Participants:**

8:00 Andrew Wyatt—In the Garden: Studies in the American Neotropics  
 8:15 Thomas Killion—Gardens, Infields and Outfields: Cultivation Intensity, Neotropical Landscapes and the Evolution of Early Agricultural Systems  
 8:30 Caroline Antonelli—Landscape Modification Seen from Above: Remote Sensing Analysis at Postclassic Mayapan  
 8:45 Lydie Dussol, Louise Purdue, Eva Lemonnier, Dominique Michelet and Philippe Nondédéo—Domesticated Forests? Interpreting Agroforestry Practices from Diachronic Trends in Firewood Collection at the Classic Maya City of Naachtun  
 9:00 Venicia Slotten and David L. Lentz—The Social Dynamics of Ceren's Household Gardens  
 9:15 Christine A. Hastorf—The Flavors Archaeobotany Forgot  
 9:30 Traci Ardren—Household Garden Plant Agency in the Creation of Classic Maya Social Identities  
 9:45 BrieAnna Langlie—Gardening for Victory: War Gardens in the Ancient Andes  
 10:00 Maia Dedrick, Carly Pope and Morgan Russell—Ritual Use of the Rejolladas of Tahcabo, Yucatán  
 10:15 Anna Browne Ribeiro—My Grandfather's Castanhal: Plants, Community, Territory, and Memory in the Brazilian Amazon  
 10:30 Anabel Ford—Discussant

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10:45 Scott Fedick—Discussant

**[255] SYMPOSIUM ■ BREAKING DOWN MATERIAL ASSUMPTIONS OF IDENTITY**

**Room:** Washington Room 2

**Time:** 8:00 AM–11:00 AM

**Chairs:** Patrick Johnson and Ashley Atkins Spivey

**Participants:**

- 8:00 Ashley Atkins Spivey—"To leave a part of who you are here:" Reusing and Reimagining the Archaeological Record on the Pamunkey Indian Reservation
- 8:15 Bonnie Newsom and Julie Woods—Motivations of Indigenous New England Potters and Researchers: Technical Choice, Social Context, and Identity Construction
- 8:30 Jon Shellenberger—The Original Cultural Resource Managers of America: Going beyond Integrating Native Perspectives in Cultural Resource Management
- 8:45 Danielle Moretti-Langholtz and Buck Woodard—An Evidence-Based Reinterpretation of the Brafferton Indian School
- 9:00 Jessica Bittner—Paying Homage to the Past: Identity, Memory and Place in the American South
- 9:15 Shawn Lambert—A Provenance and Stylistic Study of Formative Caddo Vessels: Evidence for Specialized Ritual Craft Production and Long-Distance Exchange
- 9:30 Mike Makin—The Materiality of Feasting: Pottery as an Indicator of Ritual Practice in Late Woodland Virginia
- 9:45 Ashley Schubert and Maureen Meyers—Recognizing Variation in Pisgah Identity across Space and Time
- 10:00 Michelle Pigott—It's Not in the Ceramics: 18th Century Apalachee Cultural and Ethnic Identity
- 10:15 Patrick Johnson—Authority via Mobility: Interpreting Yamasee Ceramics
- 10:30 Charles Cobb—Discussant
- 10:45 Questions and Answers

**[256] SYMPOSIUM ■ RESEARCHING THE ANCIENT MAYA OF PACBITUN, BELIZE: A DECADE OF ARCHAEOLOGICAL DISCOVERY**

**Room:** Lincoln 6

**Time:** 8:00 AM–11:15 AM

**Chairs:** Sheldon Skaggs and George J. Micheletti

**Participants:**

- 8:00 Terry Powis, George J. Micheletti, Kaitlin Crow, Sheldon Skaggs and Peter Cherico—Buildings from the Ground Up: Early Maya Architectural and Settlement Practices at the Belize Valley Site of Pacbitun, Belize
- 8:15 Kaitlin Crow and Norbert Stanchly—Preclassic Faunal Utilization at Pacbitun, Belize
- 8:30 George J. Micheletti—Creating a Case for a Classic Period Provincial Polity at Pacbitun, Belize
- 8:45 Nicaela Cartagena, Sheldon Skaggs, Mike Lawrence and Terry Powis—Groundstone Production and Community Development at the Ancient Maya Site of Pacbitun, Belize
- 9:00 Tawny Tibbits—Sourcing Stones: PXRf Use at Pacbitun
- 9:15 Megan Parker and Jon Spenard—Sacred Landscapes, Spaces, and Ritual Offerings as the Materialization of Environmental Narratives at the Site of Pacbitun, Belize

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- 9:30 Questions and Answers  
 9:45 Michael Mirro and Jon Spenard—Cataloging Cave Features in the Southern Pacbitun Regional Archaeological Project Using Virtual Reality and 3D Modeling  
 10:00 Kong Cheong, Linda Howie and Terry Powis—If Ocarinas Could Talk: The Biographies of Ceramic Wind Instruments Used in a Late Classic Maya Funerary Ceremony at Pacbitun, Belize  
 10:15 Karen Pierce and Mike Lawrence—Recent Building Excavations in the Triple-Courtyard “Palace” Group at the Ancient Maya Site of Pacbitun, Belize  
 10:30 Sheldon Skaggs and Peter Cherico—Caches, Burials, and Vases, Oh My: Ritual Deposits in an Elite Courtyard at the Ancient Maya Site of Pacbitun, Belize  
 10:45 Adam King, Terry Powis, Jaime Awe, Gyles Iannone and Nilesh Gaikwad—Tripping through the Underworld: Exploring Maya Ritual through Absorbed Residues in the Belize Valley  
 11:00 Arlen Chase—Discussant

**[257] SYMPOSIUM ■ COMPLICATING HISTORIES: ARCHAEOLOGICAL CHALLENGES TO NARRATIVES OF COHESION IN THE INKA AND AZTEC EMPIRES****Room:** Lincoln 4**Time:** 8:00 AM–11:15 AM**Chairs:** Carla Hernandez Garavito and Keitlyn Alcantara**Participants:**

- 8:00 Dennis Ogburn—Inca Views of the Native Groups of Southern Ecuador  
 8:15 Lane Fargher and Richard Blanton—Multiethnic Landscapes, Inclusive Identities, and Collective State Building  
 8:30 Amber Anderson—Inka Conquest Narratives along the Northern Frontier: Evidence from the Pais Caranqui, Ecuador  
 8:45 Carla Hernandez Garavito—From there, a great long time ago, even before the Incas were born: Representations of the Inka Empire among the Lurin Yauyos  
 9:00 Keitlyn Alcantara—Conquering Aztecs and Resisting Tlaxcaltecas: The Body as a Site of Creating and Challenging State Narratives  
 9:15 Claudia Nuñez and Sofia Chacaltana Cortez—Vínculos (in)visibles: Relationships of Power in the Colesuyo during the Inca Empire  
 9:30 Ancira Emily Baca Marroquin—Constructing Local Identities in the Central-South Coast. The Coayllos in the Asia Valley  
 9:45 Angela Huster—Being Matlatzinca: Ethnicity and Household Activity at Aztec Calixtlahuaca  
 10:00 Matthew Warren—Inka Colonialism without Inkas: Uncovering the Role of Lowland-Affiliated Populations in the Consolidation of the Eastern Andean Frontier  
 10:15 Kirby Farah—The Nature of Leadership and Community Cohesion at Postclassic Xaltocan, Mexico  
 10:30 Mauricio Uribe—Incas, locales y otras identidades: Dinámicas materiales en el norte de Chile en tiempos del Tawantinsuyo  
 10:45 William Fowler—Discussant  
 11:00 Tom Dillehay—Discussant

**[258] SYMPOSIUM ■ THEORY, METHOD, DATA, AND THE ANTHROPOLOGICAL ARCHAEOLOGY OF MESOAMERICA: PAPERS IN HONOR OF JOSEPH W. BALL****Room:** Lincoln 5**Time:** 8:00 AM–11:45 AM**Chairs:** Isaac Ullah and Geoffrey Braswell**Participants:**

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- 8:00 Geoffrey Braswell—Discussant  
 8:15 Stanley Berryman—Joe Ball, Friend and Mentor  
 8:30 Laura Kosakowsky—"Pots, Potters, ...and Polities": Classic Period Ceramic Spheres and Systems at Aventura, Northern Belize, and the Legacy of Joe Ball  
 8:45 David Webster—Becan Reconsidered  
 9:00 Dorie Reents-Budet, Ronald L. Bishop, Joseph Ball and Jennifer Taschek—Las Ruinas de Arenal and the Buenavista del Cayo Polity: Political Dynamics in the Western Belize River Valley  
 9:15 James Brady—Joseph Ball and the Reformulation of the Protoclassic: Revisiting Critical Issues  
 9:30 Debra Walker, Kathryn Reese-Taylor, Meaghan Peuramaki-Brown and Shawn Morton—A Middle Classic Horizon? Tracking Calakmul's Rise in the Ceramics of the Central Karstic Uplands  
 9:45 Travis Stanton—Discussant  
 10:00 Keith Eppich—The Function of Ceramic Analysis in the Maya Lowlands  
 10:15 Robin Robertson—The Terminal Preclassic in Northern Belize Defined  
 10:30 Erin Blankenship-Sefczek and Joseph Ball—Dentition, Kinship, and Status in the Mopan-Macal Triangle: Small-Sample Insights into Classic Maya Social Organization in Central Western Belize  
 10:45 Dominique Rissolo, Jeffrey B. Glover and Travis Stanton—The Rise of Northern Maya Ceramic Chronologies: Emerging Perspectives on Middle to Late Preclassic Processual Dynamics and the Legacy of Joseph W. Ball  
 11:00 Jason Yaeger and M. Kathryn Brown—Archaeology, History, and Ancient Political Dynamics of the Mopan River Valley  
 11:15 Arthur Demarest and Paola Torres—Political and Economic Change on the Eve of the Classic Maya Collapse: Building on a "Ceramic Foundation"  
 11:30 Seth Mallios—Archaeological Ceramic Analysis as a Vehicle for Anthropological Holism at 1607 James Fort: An Essay in Honor of Dr. Joseph W. Ball

**[259] SYMPOSIUM ■ DEEP ECOLOGIES OF NORTHERN NEW MEXICO****Room:** Washington Room 3**Time:** 8:00 AM–11:45 AM**Chairs:** Alison Damick and Emily Dawson**Participants:**

- 8:00 Alison Damick—Deep Ecology: An Introduction and an Inquiry  
 8:15 Benjamin Alberti—Rock Art, Hunting, and Life  
 8:30 Valerie Bondura—Ceramic Ecology as Deep Ecology in Northern New Mexico  
 8:45 Emily Hayflick—Inscribing and Reinscribing Place: The Persistence of Hot Spring Sites in the Northern New Mexico Landscape  
 9:00 Severin Fowles—The Aquatic Imaginary of Ancestral Tiwa Landscapes  
 9:15 Elizabeth Dresser-Kluchman—Scarred Traces: Trees as Artifacts on the Northern Rio Grande  
 9:30 Emily Dawson, Tom Hart and Arlene Rosen—Plant Use and Deep Ecology in Colonial New Mexico  
 9:45 Melanie Cootsona—Animal as Social Actor: A Case Study of a Pre-Colonial Northern Tiwa Structure  
 10:00 Julia Morris and Severin Fowles—The Wolf under the Plaza: Pastoralism and Predation in Spanish New Mexico  
 10:15 Madeleine Strait—Skin and Bones: The Presence and Potential Implications of Dog Skinning in the Pre-Colonial Southwest  
 10:30 Evin Grody and Darryl Wilkinson—Fleeced Landscapes: Colonial Herding Practices in Northern New Mexico  
 10:45 Lindsay Montgomery—The Social Lives of Horses: Comanche Equestrianism in

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- 11:00 New Mexico  
Judith Habicht-Mauche—Discussant  
11:15 Heather Trigg—Discussant  
11:30 Questions and Answers

**[260] SYMPOSIUM ■ ADVANCES IN THE PREHISTORY OF SOUTHERN COSTA RICA AND WESTERN PANAMA: NEW PERSPECTIVES ON THE ARCHAEOLOGY OF GREATER CHIRIQUÍ**

**Room:** Washington Room 4

**Time:** 8:00 AM–12:00 PM

**Chairs:** John Hoopes and Francisco Corrales-Ulloa

**Participants:**

- 8:00 Eugenia Ibarra—What Archaeologists Can't See: Contrasting Ethnohistorical and Archaeological Data in Talamanca, Costa Rica in the 16th Century  
8:15 Anthony Ranere—The Preceramic Occupation of Greater Chiriquí: An Assessment of Our Current Understanding  
8:30 Norberto Baldi—The Role of Kinship Networks and the Lowland Ecology in the Interpretation of the Caribbean Archaeology of Greater Chiriquí  
8:45 Alvaro Brizuela Casimir and Gloria Biffano Marcial—El sitio arqueológico de Barrigón. Un cementerio precolombino del Gran Chiriquí  
9:00 Ilean Isaza and Eric Vrba—The Greater Chiriquí Fringes: A Perspective from the Coiba National Park Islands on the Pacific Coast of Panama  
9:15 Laura Brodie—Settlement Locations and Soil Fertility in the Volcán Barú Region of Panama  
9:30 Scott Palumbo—New Survey Results from the Bolas Region, Costa Rica  
9:45 Amanda Suarez—Pre-Columbian Conflict and Early Social Complexity in Java, Southern Costa Rica  
10:00 Adrian Badilla—Arquitectura Habitacional: Sistema Constructivo y Organización Espacial en el Sitio Finca 6, Delta del Diquís, Costa Rica  
10:15 R. Jeffrey Frost—Continuity and Change in Chiriquí Period Village Organization  
10:30 Thomas Wake, Lana Martin and Tomas Mendizabal—Settlement, Subsistence, Culture Change and Networking: New Perspectives on Bocas del Toro's Integration with Greater Central America  
10:45 Francisco Corrales-Ulloa—From Coast to Coast: Recent Research in Southern Caribbean and Osa Peninsula, Greater Chiriquí Region  
11:00 Mario Hernández—Análisis geoespacial de la distribución de sitios arqueológicos en la Sub-Región Diquís, Región Gran Chiriquí  
11:15 Carlos Fitzgerald-Bernal—El Gran Chiriquí desde Veraguas: dinámicas fronterizas y definición subregional  
11:30 Nicole Smith-Guzmán—The Bioarchaeology of Greater Chiriquí: Challenges, Finds, and Future Directions  
11:45 John Hoopes—Discussant

**[261] SYMPOSIUM ■ TOUGH ISSUES IN LAND MANAGEMENT ARCHAEOLOGY**

**Room:** Marriott Salon 3

**Time:** 8:00 AM–12:00 PM

**Chairs:** Byron Loosle and Laura Hronec

**Participants:**

- 8:00 Emily Palus—Severed from the Landscape: Wrangling Over 100 Years of Collections from the Public Lands and Coordinating Repatriation  
8:15 Robert King—Implementing NAGPRA: A Look at BLM's Experiences in Alaska, 1990–2017

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- 8:30 Gregory Haverstock—Archaeological Resource Protection: Challenges to Federal Enforcement of Antiquity Law among Land Managing Agencies
- 8:45 Diana Barg and Nathan Thomas—Education and Enforcement: How the Bureau of Land Management Is Confronting Looting on Public Lands in Utah
- 9:00 F. Kirk Halford—Getting out of the Box: New Horizons for Cultural Resources Data Management and Analyses
- 9:15 Brian Yaquinto—Using the Past to Inform the Future: Employing Empirical Data to Guide Future Land Management Decisions
- 9:30 Jennifer Frederick, Ray Hewitt and Marilyn Walker Cunningham—Unmanned Aerial Systems in Federal Cultural Resource Management
- 9:45 Questions and Answers
- 10:00 Jamie Palmer—Addressing Today's Issues with Yesterday's Tools
- 10:15 Nicole Lohman—Cultural Resources in an Era of "Energy Dominance": Process and Policy for BLM Oil and Gas Leasing
- 10:30 Martin Stein and Laura Hronec—Tough Love - The Permian Basin Programmatic Agreement Research Program in Southeastern New Mexico
- 10:45 Kelli Barnes—Recognizing Redundant Data: Preventing Perseveration and Saving the Significant
- 11:00 James Barnes, Karen K. Swope, Carrie J. Gregory and Tiffany Arend—Hard Questions for Hardrock Places: Integrating Academic-Based Research Questions into the Management of Hardrock Mining Sites on Public Lands in the Southern California Deserts
- 11:15 Nicholas Pay, C. Cliff Creger and Beth P. Smith—The Long and Winding Road: Documenting Historic Transportation Routes
- 11:30 Byron Loosle and Ranel Capron—Why We Shouldn't Wait until a Project Is Proposed
- 11:45 Questions and Answers

**[262] SYMPOSIUM ■ DEVELOPING MACRO-REGIONAL PERSPECTIVES ON FORMATIVE CENTRAL MEXICO: INSIDE AND OUTSIDE VIEWS OF SOCIAL TRANSFORMATION**

**Room:** Marriott Salon 1

**Time:** 8:00 AM–12:00 PM

**Chairs:** Tatsuya Murakami and Wesley Stoner

**Participants:**

- 8:00 Emily McClung de Tapia and Guillermo Acosta-Ochoa—Early Subsistence and Settlement in the Basin of Mexico: Pre-ceramic and Pre-urban Indicators
- 8:15 Guy Hepp—Coastal-Highland Interaction in Early Formative Period Mesoamerica: The Ceramic Affiliations of La Consentida
- 8:30 Patricia Ochoa Castillo—Dinámica cultural durante el Formativo Inferior y Medio en la Cuenca de México: Tlatilco y Tlapacoya
- 8:45 Catharina Santasilía—Tlatilco Revisited
- 9:00 Wesley Stoner and Deborah Nichols—Production and Exchange of the Earliest Ceramics in Central Mexico
- 9:15 Deborah Nichols and Wesley Stoner—Village to City: Formative Period Political Evolution in Central Mexico
- 9:30 Robert Rosenswig—Discussant
- 9:45 Mari Carmen Serra Puche—La Interacción regional de Xochitecatl-Cacaxtla durante el Formativo en el valle Tlaxcala-Puebla. 800 a.C. - 200 d.C.
- 10:00 Tatsuya Murakami, Shigeru Kabata and Julieta Lopez—Changing Urban Networks in Formative Central Mexico: A View from Tlalancaleca, Puebla
- 10:15 Ariel Taxis, Shigeru Kabata and Tatsuya Murakami—Tlalancaleca: Ceramics and Interregional Interactions in Formative Central Mexico
- 10:30 Julieta Lopez, Shigeru Kabata, Tatsuya Murakami and Manuel Ramirez—

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- Monumental Architecture in Central Mexico during the Terminal Formative: New Findings from the Tlalancaleca Archaeological Project, Puebla
- 10:45 Christopher Pool—Formative Communities of Practice and Disjunctures in Southern Gulf Lowland Interaction with Central Mexico
- 11:00 Véronique Darras and Brigitte Faugère—Sociopolitical and Cultural Renewals during Late and Terminal Formative in the Lerma's Valley: The Post-Chupicuaro Developments
- 11:15 Gabriela Uruñuela, Patricia Plunket and Héctor Aguilar—"La del estribo": The Formative Funerary Goblets from Tetimpa, Puebla, Mexico
- 11:30 Jessica MacLellan—Household Ritual and the Development of Complex Societies in Formative Mesoamerica: Comparing the Maya Lowlands and Central Mexico
- 11:45 Richard Lesure—Discussant

**[263] SYMPOSIUM ■ EXPLORING MOBILITY AND MULTICULTURAL LIFEWAYS IN PRE-COLUMBIAN CENTRAL AMERICA**

**Room:** Marriott Salon 2

**Time:** 8:00 AM–12:00 PM

**Chairs:** Carrie Dennett and Alexander Geurds

**Participants:**

- 8:00 Larry Steinbrenner—"Across the Agua to Managua" and beyond: Getting Past Migration in Nicaraguan Prehistory
- 8:15 Sharisse McCafferty and Geoffrey McCafferty—Praying to the Predator: Symbols of Insect Animism on Luna Polychrome
- 8:30 Geoffrey McCafferty—The Pipil/Nicarao Migration from the Perspective of Pacific Nicaragua: An Archaeological Critique of Mythistorical Mobility
- 8:45 Carrie Dennett—It's Complicated: Making Sense of Material Monoculture in Multicultural Societies
- 9:00 Adam Benfer—The Archaeology of Travel in Greater Nicoya
- 9:15 Lucy Gill—Towards a Nonlinear History of Lake Cocibolca, Nicaragua
- 9:30 Clifford Brown—Nonlinear and Multiscalar Dynamics of Migration
- 9:45 Frederick Lange—Exploring Mobility and Multi-directional Lifeways in Pre-Columbian Central America
- 10:00 Lorelei Platz—Mobility and Pre-Columbian Censers
- 10:15 Kelsey Willis, Destiny Crider and Clifford Brown—Ceramic Evidence of Normal and Anomalous Diffusion from Mesoamerica into Northwest Nicaragua
- 10:30 Laura Wingfield—A Tale of Two Cities: Quelepa, El Salvador and Guayabo de Turrialba, Costa Rica
- 10:45 John Carlson and John Hoopes—Chacmool or Not Chacmool? Was a Mesoamerican Monumental Stone Sculptural Tradition Adopted in Eastern Costa Rica?
- 11:00 Katrina Kosyk—Communities of Engaged Performance: Investigating Soundscapes and the Sonorous Past
- 11:15 Questions and Answers
- 11:30 Geoffrey McCafferty—Discussant
- 11:45 Rosemary Joyce—Discussant

Saturday Morning, April 14**[264] ELECTRONIC SYMPOSIUM ■ FROM CH'EEEN TO WAK'A: HEMISPHERICAL VIEWS OF THE CEREMONIAL LANDSCAPES OF THE PRE-HISPANIC AMERICAS****Room:** Madison B**Time:** 10:00 AM–12:00 PM**Chairs:** Jon Spenard and Jonathan Dubois**Participants:**

Julia Guernsey—Feline Pedestal Sculptures, Cacao, and the Late Formative Landscape of Mesoamerica

Jon Spenard—The Hills Are Filled with Water; the Caves Breathe Rain: An Ideational Landscape Approach to Settlement Distribution at Classic Period Pacbitun, Belize

Scott Smith—Ceremonial Waterscapes: The Desaguadero River Valley in Antiquity

Alexis Mantha—Different Dead for Different Purposes: The Ancestors and Ancestral Spirits of Rapayán in the Peruvian Central Andes

Brent Woodfill—Sacred Places as Battlefields: The Role of the Ritual Landscape in Struggles for Conquest and Resistance in the Northern Transversal

Jonathan Dubois—We Are Kin with the Land: The Role of Rock Art Sites in the Negotiation of Social Relations in the North Central Andes of Peru

Danny Zborover—Alligators, Serpents, Pirates, and a Wedding: Ritualized Political Landscapes of the Oaxacan Pacific Coast, Mexico

**[265] POSTER SESSION ■ CERAMICS AND TEXTILES****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Participants:**

265-a Alicia Gorman, Laure Dussubieux and Patrick Ryan Williams—Results of a Pilot Study on Wari and Loro Ceramic Pigments from Southern Peru

265-b Elizabeth Cruzado Carranza—The 2017 Excavations at Pan de Azúcar de Nivín: Insight into the Middle Horizon Occupation of the Middle Casma Valley, Peru

265-c Makaela O'Rourke and Scott Thomas—Pottery at Skull Creek Dunes, OR and Its Implications for Pottery Tradition in Southeastern Oregon

265-d Kristin Donner and Laura Harrison—Mix, Mold, Fire! An Exploration of the Chaîne Opératoire through the Eyes of an Apprentice Potter

265-e Natalie Carpiaux, Alicia Boswell, Jessica Walthew and Gabriel Prieto—Burial Garments of a Chimú Child Sacrifice from Pampa La Cruz, Huanchaco, Peru

265-f Nolan O'Hara, Tiffany Raymond, Carl P. Lipo and Hannah Elliott—Thermal Properties of Prehistoric Ceramic Vessels of the American Southeast

265-g India Kotis and Jenna Hurtubise—Deciphering Social Structure: A Cognitive Approach in Examining Casma and Chimú Ceramic Iconography

265-h Kirsten Lopez and Brian Haley—Sourcing Archaeological Textiles in the Northern Great Basin: Evaluation of Baseline Geochemical Data

265-i Kenneth Sutherland and David Chicoine—Volumetric Analysis of Neckless Jars and Bottles in Early Horizon Nepeña, Peru

265-j Blair Heidkamp—Spinning through Time: Comparing Spindle Whorl Assemblages from the Southern Levant

265-k James Davenport—Three-Dimensional Photogrammetric Modeling of Ceramic Whole Vessels from Pachacamac, Peru: Challenges, Considerations, and Applications

265-l Nuria Sagrañes and Gustavo Neme—Ceramic Diversity in Hunter-Gatherers Societies from Atuel River Basin, Argentina

265-m Laura Mazow, Heidi Luchsinger and Kristen Rozier—Adapting to Changing Resources: A Petrographic Analysis of Iron I Pottery from Tel Miqne-Ekron

Saturday Morning, April 14**[266] POSTER SESSION ■ MISSISSIPPIAN ARCHAEOLOGY****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Participants:**

- 266-a Adam Coker, Kimberly Swisher, Jennifer Birch, Stefan Brannan and Tiffany Yue—Creating Community at Singer-Moye: Feasting and Craft Production in a Residential Precinct
- 266-b Ryan Harke—The State of the (Conch) Republic: Renewed Archaeology in the Imperiled Florida Keys
- 266-c Erin Donovan and Jeremy Wilson—Who Was Where: Georectification and Radiometric Dating of a Mississippian Mortuary Complex
- 266-d Anna Semon—A Comparison of Late Mississippian Complicated Stamped Designs from the Georgia Coast
- 266-e Thomas Blaber—Pipe Assemblages of St. Catherines Island, GA
- 266-f Aaron Comstock and Robert Cook—Hidden in Plain Sight: Mississippi Plain Pottery as an Indicator of Movement on the Mississippian Periphery
- 266-g S. Andrew Wise—Game On: Ceramic Discoidals from the Lamar Site
- 266-h Erin Benson—Composing the Late Cahokian Countryside: A View from the Rhea Site, St. Clair County, Illinois

**[267] POSTER SESSION ■ THE AMERICAN SOUTHWEST****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Participants:**

- 267-a David Abbott, Caitlin Wichlacz and J. Scott Wood—Demarcating Spheres of Interaction in the Uplands of Central Arizona with Electron Microprobe Analyses of Phyllite-Tempered Pottery
- 267-b C. L. Kieffer—Exploring the Use of Multispectral Imaging in Ceramic Pigment Analysis
- 267-c Michael Pool—Is There an Early Agricultural Period in the Uplands Mogollon?: Implications of the Chronology at the HO-Bar Site
- 267-d Katie Richards—A Low Technology Approach to Understanding Fremont Ceramic Production
- 267-e Brenton Willhite—Understanding the Emergence and Spread of Chupadero Black-on-white Ceramics through Network Analysis
- 267-f Kendall Baller—Investigating Social Boundaries in Southwestern New Mexico
- 267-g Caitlin Holland—The Fremont Canyonlands: Granary Architecture in Northwestern Colorado

**[268] POSTER SESSION ■ CULTURAL RESOURCE MANAGEMENT****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Participants:**

- 268-a Mini Sharma Ogle—'Powering the Future while Protecting the Past'- Cultural Resource Matters at an Electric Utility
- 268-b Scott Gajewski and Corry Laughlin—Warren Grove Survey and Evaluation Project: A Study of Historic Charcoal Production within the Pine Barrens of New Jersey.
- 268-c Sarah Trabert, Stephen M. Perkins, Richard R. Drass and Susan Vehik—New Investigations of the Deer Creek Site, an Early Eighteenth Century Ancestral Wichita Village

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- 268-d Erin Dempsey, Steven De Vore, Ashley Barnett, Nora Greiman and Anna Dempsey—Looking Closer at Those Dots on the Map: Documenting Mound Sites at St. Croix National Scenic Riverway
- 268-e Atifa Rawan, Jamaludin Shable, M. Hussain Ahmadzai and Jodi Reeves Eyre—The Afghanistan Cultural Heritage Education Program: A Collaborative, International Education Model
- 268-f Chris North and Scott Courtright—Urban Archaeology at the Hohokam Village of Pueblo Grande
- 268-g Michael Heilen, Monica Murrell, Phillip Leckman and Robert Heckman—Exploring the Relationship between Surface and Subsurface Contexts in the Permian Basin, Southeastern New Mexico
- 268-h Daniel Leonard, Kendra Rodgers McGraw and Beniamino Volta—DoD Legacy Data: Leveraging GIS and the Web for Success
- 268-i Tiffany Newman, Elizabeth E. Bell and Seth VanDam—Management of WWI Training Trenches in Light of Current Military Training
- 268-j Dawn Ramsey Ford and Owen Ford—Traditional Cultural Practices in America's Last Frontier: Conceptualizing Traditional Cultural Properties in Alaska
- 268-k Emily Van Alst, Laura Scheiber, Mackenzie Cory, Kirsten Hawley and Cally Steussy—Into the West(ern Plains): Results of the 2017 Bighorn Archaeology Field School, Park and Fremont Counties, Wyoming

**[269] POSTER SESSION ■ ANCESTRAL PUEBLOAN ARCHAEOLOGY****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Participants:**

- 269-a Kellam J. Throgmorton—Early Chacoan Communities of the San Juan Basin
- 269-b Mark Agostini—Technological Knowledge, Migrations and Ancestral Puebloan Communities of Practice in The Northern Rio Grande of New Mexico
- 269-c Braeden Dimitroff and Candice Disque—The Ancestral Puebloan Community of Alkali Ridge: Investigating The “Prudden Unit” Paradigm
- 269-d Lindsay Shepard—Assessing the Effectiveness of Various Scanning Technologies in Digitally Capturing Fingerprints on Corrugated Wares
- 269-e Benjamin Van Alstyne—Developing an Immersive Experience of the Past
- 269-f Christina Stewart—An Analysis of Biscuit Ware Ceramic Standardization in the Lower Chama Watershed, New Mexico
- 269-g Jenny Engleman—An Examination of Food Storage Patterns in the Northern Southwest
- 269-h Hannah Van Vlack, Jamie A. Civitello, Rory P. Gauthier and Robert Powers—Ancestral Pueblo Agriculture on the Pajarito Plateau: A Geoscience Investigation of Field Terraces in the Northern Mountains of New Mexico
- 269-i David Purcell—The Wupatki Petroglyph Project

**[270] POSTER SESSION ■ BIOARCHAEOLOGY IN THE ANDES****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Participants:**

- 270-a Ricky Nelson, Valda Black and Danielle Kurin—A Traditional Approach to Analyzing Stunted Femoral Growth in Peruvian Highlands
- 270-b Benjamin Schaefer, Sloan Williams and Nicola Sharratt—Constructing a Colony: Investigating Stress from Endogenous Cortisol in Archaeological Hair from a Lupaqa Colony at Estuquiña
- 270-c Sarah Taylor and Robert H. Tykot—The Dietary Importance of Maize and Aquatic Resources during the Regional Development Period at El Dornajo, Southwest Ecuador
- 270-d Jordi Rivera Prince, Gabriel Prieto and Celeste Gagnon—Disturbing the Ancestors: Interpreting Early Intermediate Period Commingled Remains at La Iglesia, Huanchaco Perú
- 270-e Bridget Bey and Véronique Bélisle— A Look at Local Populations during Wari Expansion: Bioarchaeology and Funerary Contexts at Ak'awillay, Cusco, Peru
- 270-f Margot Serra, Jakob Hanschu, Amandine Flammang and Danielle Kurin —Using Parry Fracture Data to Further Assess Violence in Andahuaylas during the Late Intermediate Period
- 270-g Phil McCheyne, Julia Moss and Danielle Kurin—Cranial Modification and Presence of Wormian Bones in Chanka Crania
- 270-h Brianna Herndon and Sara Becker—Movement in Moquegua: Detecting Differential Activity Types via the Knee in a Tiwanaku Subgroup
- 270-i Emily Smith, Taylor MacDonald and Tiffany A. Tung—Two Individuals, One Urn Burial from La Real, Peru: A Bioarchaeological Investigation of Urn Burial Practices
- 270-j Valda Black, Ricky Nelson, Ivanna Robledo and Danielle Kurin—Non-metric Traits and the Influence of Cranial Modifications: A Case Study from the South-Central Andes
- 270-k Genesis Torres Morales, Celeste Gagnon and Gabriel Prieto—Violence among the Gallinazo: New Insights from Pampa la Cruz, Moche Valley

Saturday Afternoon, April 14**Saturday Afternoon ■ April 14, 2018****[271] SYMPOSIUM ■ FORMATIONS OF BLACKNESS AND LATIN AMERICA***(Sponsored by SAA Afro-Latin American Archaeology Interest Group)***Room:** Johnson**Time:** 1:00 PM–2:15 PM**Chair:** Kathryn Sampeck**Participants:**

- 1:00 Krista Eschbach—Casta, Class, or Race? Social Transformations at the Colonial Port of Veracruz
- 1:15 Brendan Weaver—Diachronic and Spatial Perspectives for Exploring the Ethnogenesis of Afro-Andean Populations in Southern Coastal Peru
- 1:30 Kathryn Sampeck—Barrios de mulatos in the Izalcos Region of Colonial Guatemala
- 1:45 Anthony Andrews—Discussant
- 2:00 Terrance Weik—Discussant

**[272] SYMPOSIUM ■ ARCHAEOLOGY AND INDIGENOUS SCHOLARSHIP IN THE AMERICAS****Room:** Jackson**Time:** 1:00 PM–2:45 PM**Chairs:** Rus Sheptak and Peter Nelson**Participants:**

- 1:00 Rus Sheptak—Engaging Archaeology and Native American and Indigenous Studies
- 1:15 Kristen Bos—Another Indigenous Feminist on Settler Colonialism in Archaeology
- 1:30 Heather Law Pezzarossi—Being 'Post-Indian' in 19th Century New England
- 1:45 Timothy Wilcox—Gobernador Polychrome as a Material Expression of Survivance
- 2:00 Stephen Silliman—Beyond the Holes of Archaeology: Paying Attention to Indigenous Academics, Artists, and Activists
- 2:15 Peter Nelson—Indigenous Refusals of Settler Territoriality: A Case from the Tolay Valley in Central California
- 2:30 Carolyn Smith—Discussant

**[273] SYMPOSIUM ■ HEGEMONIC PROCESSES AND STRATEGIES OF STATE DOMINATION IN THE ANDES: LOCAL/REGIONAL PERSPECTIVES****Room:** Jefferson**Time:** 1:00 PM–2:45 PM**Chairs:** Miguel Aguilar Díaz and Alan Kolata**Participants:**

- 1:00 Patricia Chirinos Ogata—Building Statehood: Wari Architecture and Colonial Strategies in Cajamarca
- 1:15 Geraldine Huertas Sánchez—El caso Huarco y la hegemonía Inca en el valle bajo de Cañete
- 1:30 Mary Louise Stone—Power as Nurture: The Inkas and Their Tiwanaku Ancestors
- 1:45 Manuel Perales—To walk in order to remember... and to dominate: Inca Roads and Hegemonic Processes in Jauja, Central Highlands of Peru
- 2:00 Javier I. Alcalde Gonzales—Mito y rito, en tanto política y gobierno, en la costa de los Andes Centrales durante el Tawantinsuyu
- 2:15 Patricia Netherly—Why the Chimú State of the Northern Coast of Peru Failed: Rapid Expansion Is Not Always Enough

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2:30 Alan Kolata—Discussant

**[274] SYMPOSIUM ■ SILK PURSES FROM SOWS' EARS: A SESSION IN HONOR OF JOHN R. WHITE**

**Room:** Madison B

**Time:** 1:00 PM–2:45 PM

**Chair:** Paul Nick Kardulias

**Participants:**

- 1:00 Chuck Mastran—Excavations at the Springfield Furnace, Mercer Co., PA, and the Euro-British Charcoal Iron Technological Tradition in America
- 1:15 David Parker—Beer, Bologna, and Beaux-Esprits: A Legacy of John R. White
- 1:30 Paul Nick Kardulias, James Torpy, Drosos Kardulias and Alina Karapandzich—Multi-faceted Anthropology: Recent Work of the Athienou Archaeological Project in Central Cyprus
- 1:45 Joe Alessi—John White's Playboy Black vs. Playboy White, Part 2
- 2:00 Matt O'Mansky—Local Legacy, Local Legend: John White, Youngstown State University, and Fifty Years of Public Archaeology
- 2:15 John G. Jones—Early Settlement on the Island of Grenada: Ecological Evidence for the Extinction of Rodents and Palms
- 2:30 J. M. Adovasio—Discussant

**[275] ELECTRONIC SYMPOSIUM ■ SPANISH COLONIALISM IN THE GLOBAL REALM: ARCHAEOLOGICAL AND ETHNOHISTORIC APPROACHES TO CULTURAL ETHNOGENESIS AND PERSISTENCE**

**Room:** Lincoln 6

**Time:** 1:00 PM–3:00 PM

**Chairs:** Christine Beaulé and John Douglass

**Participants:**

- Christine Beaulé—Ethnogenesis and Cultural Persistence in the Global Spanish Empire
- Matt Liebmann—Second Thoughts on First Contacts in the American Southwest
- Steve Tomka—From "Nation" to "Indio" and "Español": Transitions in Indigenous Culture in the Missions of San Antonio
- Christopher Rodning—Native American Responses to Spanish Contact and Colonialism in the American South
- Elliot Blair—The Individual and the Group at 17th Century Mission Santa Catalina de Guale
- Corinne L. Hofman—Colonization, Transformation and Continuities in the Indigenous Caribbean
- Laura Matthew—Yet Another Tale of Two Cities: Santiago en Almolonga and San Salvador in the Early Sixteenth Century
- Stacie King—Cultural Pluralism and Persistence in the Colonial Sierra Sur of Oaxaca, Mexico: Three Case Studies
- Kevin Lane—When the Saints Come Marching In: Colony, Church and Change in the Andes (1480–1615)
- Juliet Wiersema—Far from the Crown: Currents of Opportunism along the Dagua River during the Late Spanish Colonial Period (Nueva Granada)
- Martin Gibbs—The People of Solomon: Performance in Cross-Cultural Contacts between Spanish and Melanesians in the SW Pacific 1568–1606
- Natalia Moragas—Archaeology of Colonialism and Ethnogenesis in Guam and the Mariana Islands
- Stephen Acabado—Rice, Rituals, and Identity: Resistance and Maintenance of Ifugao Agricultural Practice

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Grace Barretto-Tesoro—Placemaking through Objects: The Global World in 19th Century Towns in the Philippines  
Jorge De Juan Ares—Archaeology, People and Identity in Cape Verde Islands  
Christopher DeCorse—Contact, Colonialism, and the Intricacies of Ethnogenesis: Portugal, Spain and the Iberian Moment

**[276] FORUM ■ KEEPING OUR SECRETS: SHARING AND PROTECTING SENSITIVE RESOURCE INFORMATION IN THE ERA OF OPEN DATA**

**Room:** Park Tower Suite 8206

**Time:** 1:00 PM–3:00 PM

**Moderators:** Anne Vawser and David Gadsby

**Participants:**

Stephen Yerka—Discussant  
Jolene Smith—Discussant  
Amanda Renner—Discussant  
Stephanie Stephens—Discussant

**[277] FORUM ■ SANNA: SOCIAL ARCHAEOLOGY OF THE NORTH AND NORTH ATLANTIC**

**Room:** Wilson C

**Time:** 1:00 PM–3:00 PM

**Moderators:** Kevin Smith, Michele Smith and Elie Pinta

**Participants:**

Sven Haakanson—Discussant  
Erica Hill—Discussant  
Christian K. Madsen—Discussant  
Dawn Elise Mooney—Discussant  
Matthew Walls—Discussant  
Christopher Wolff—Discussant

**[278] FORUM ■ COMMEMORATION, MEMORIALS, AND PRESERVATION: ARCHAEOLOGICAL INTERESTS, EXPERTISE, AND RESPONSIBILITIES**

**Room:** Park Tower Suite 8222

**Time:** 1:00 PM–3:00 PM

**Moderators:** Rosemary Joyce, Diane Wallman and Julia Hendon

**Participants:**

Julia Hendon—Discussant  
Whitney Battle-Baptiste—Discussant  
Laurie Wilkie—Discussant  
Uzma Rizvi—Discussant  
Leland Ferguson—Discussant  
Lindsay Bloch—Discussant  
Diane Wallman—Discussant

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**[279] FORUM ■ SKOPE: HOW WE ARE MAKING PALEOENVIRONMENTAL DATA USEFUL AND ACCESSIBLE**  
**Room:** Taft  
**Time:** 1:00 PM–3:00 PM  
**Moderator:** Keith Kintigh

**Participants:**

Tim A. Kohler—Discussant  
Kyle Bocinsky—Discussant  
Bertram Ludaescher—Discussant  
Andrew Gillreath-Brown, RPA—Discussant  
Jeff Terstriep—Discussant

**[280] FORUM ■ IN THE EYES OF THE LAW: CONTEXTUALIZING ARCHAEOLOGICAL LEGISLATION THROUGH TIME AND SPACE**  
*(Sponsored by SAA Government Affairs Committee and the History of Archaeology Interest Group)*  
**Room:** Washington Room 5  
**Time:** 1:00 PM–3:00 PM  
**Moderator:** Katie V. Kirakosian

**Participants:**

Francis McManamon—Discussant  
Bernard Means—Discussant  
Julie Erstein—Discussant  
Steven LeBlanc—Discussant  
William Billeck—Discussant  
Angela Neller—Discussant  
Patrick Lyons—Discussant  
Kurt E. Dongoske—Discussant  
Morag Kersel—Discussant  
Jeffrey Altschul—Discussant  
Marion Werkheiser—Discussant

**[281] FORUM ■ EXPLORING THE PATH FORWARD: THE BOY SCOUT ARCHAEOLOGY MERIT BADGE 20 YEARS LATER**  
*(Sponsored by SAA Public Archaeology Interest Group)*  
**Room:** Harding  
**Time:** 1:00 PM–3:00 PM  
**Moderator:** Kristin Keckler-Alexander

**Participants:**

Jeanne Moe—Discussant  
John Mullin—Discussant  
Charmaine Thompson—Discussant  
Rita Elliott—Discussant

Saturday Afternoon, April 14**[282] SYMPOSIUM ■ US AND THEM: THE BIOARCHAEOLOGY OF BELONGING AND EXCLUSION****Room:** Park Tower Suite 8216**Time:** 1:00 PM–3:00 PM**Chairs:** Katharine Kolpan and Sarah E. Hoffman**Participants:**

- 1:00 Sofía Pacheco-Forés and María García Velasco—Mobility, Ethnicity, and Ritual Violence in the Epiclassic Basin of Mexico
- 1:15 Kent Johnson—Regional Solidarity, Ethnic Diversity, and Family Networks: The Bioarchaeology of Belonging and Exclusion in the Tiwanaku Colonial Enclave in the Moquegua Valley, Peru
- 1:30 Ellen Lofaro, George Kamenov, Jorge Luis Soto Maguino and John Krigbaum—Belonging and Exclusion in Early Colonial Huamanga (Ayacucho), Peru: An Isotopic, Religious and Archival View
- 1:45 Katharine Kolpan—The Dread of Something after Death: Ownership, Excavation and Identification of World War II Axis Combatants in Europe
- 2:00 Sarah E. Hoffman—No Man Is an Island: Death and Burial on the Island of Haffjarðarey
- 2:15 Lucia Elgerud, Hugh Tuller and Wilfred Komakech—Displacement and Burials in Wartime Acholiland; Archaeological Surveying and Ethnographic Research in Northern Uganda
- 2:30 Gina Palefsky, Thanik Lertcharnrit and Kelly J. Knudson—Iron Age Trade and Mobility: Assessing Migration at the Site of Ban Pong Manao, Central Thailand
- 2:45 Questions and Answers

**[283] SYMPOSIUM ■ THE HUMAN JOURNEY: UNDERSTANDING HUMAN MIGRATION IN THE PAST TO ADDRESS CHALLENGES FOR THE FUTURE***(Sponsored by National Geographic Society)***Room:** Delaware B**Time:** 1:00 PM–3:00 PM**Chair:** Matthew Piscitelli**Participants:**

- 1:00 Amy Gusick—Lessons from the Past: The Grand Human Journey to the New World
- 1:15 Charles Cobb, Brad Lieb and Tony Boudreaux—Ancestral Chickasaw Migration and the Makings of the Anthropocene in Southeastern North America
- 1:30 Marta Alfonso-Durruty, Miguel Vilar, Manuel J. San Román and Flavia Morello Repetto—mtDNA and the Peopling of Fuego Patagonia
- 1:45 Jago Cooper and Alice Samson—A Hundred Years of Human Migration in the Caribbean: Considering the Key Tipping Points of Cultural Transformation between AD1492 and AD1592
- 2:00 Joy McCorrison, Mark Moritz, Ian Hamilton, Sarah Ivory and Konstantin Pustovoytov—Pastoral Territoriality as a Dynamic Coupled Human-Natural System
- 2:15 Michael Frachetti—Mobility and Migration as Ecological Processes in Ancient Eurasia
- 2:30 Chip Wills—Settlement Re-occupation at Chaco Canyon: Evidence for Migration and Serial Plurality
- 2:45 Briana Doering—Exploring the Cause of the Athabaskan Migration through Isotopic and Geospatial Evidence

Saturday Afternoon, April 14**[284] SYMPOSIUM ■ EARLY NEOLITHIC IN THE LOWER YANGTZE: THE SHANGSHAN CULTURE****Room:** Park Tower Suite 8212**Time:** 1:00 PM–3:15 PM**Chair:** Gary Crawford**Participants:**

- 1:00 Gary Crawford and Leping Jiang—The Shangshan Culture and Agricultural Origins
- 1:15 Leping Jiang—The Sites and Dating of the Shangshan Culture
- 1:30 Anna Marie Soleski, Yiting Xu, Joseph R. Desloges and Zhou Lin—Holocene Floodplain Development of Qujiang, Zhejiang, China in the Context of Early Human Occupation of Jinhua Basin
- 1:45 Daniel Kwan and David Smith—An Overview of Technological Changes in the Pottery of the Early Holocene Shangshan Culture, Zhejiang Province, China
- 2:00 Guoping Sun—The Source of the Hemudu Culture and Environmental Change during the Early-Middle Holocene: New Evidence from the Jingtoushan Site, Yuyao, East China
- 2:15 Yunfei Zheng and Haibin Gu—Archaeological Evidence of Multiple Domestication of Rice
- 2:30 Haibin Gu—The Character of Carbonized Rice in Hunan Archaeological Site
- 2:45 Jiajing Wang—Making Plant Foods in the Early Neolithic: Microbotanical Evidence from Shangshan Pottery
- 3:00 Yan Pan—A New Hypothetical Framework of Understanding the Evolution of Agriculture in the Lower Yangzi Region

**[285] SYMPOSIUM ■ MESOAMERICAN CHIPPED STONE: A REGIONAL PERSPECTIVE FROM THE GULF COAST OF MEXICO****Room:** Washington Room 6**Time:** 1:00 PM–3:30 PM**Chairs:** Nathan Wilson and Shayna Lindquist**Participants:**

- 1:00 Magdalena Aguilar and Hirokazu Kotegawa—La lítica tallada de Estero Rabón. Un estudio durante la Fase Villa Alta en la Costa del Golfo
- 1:15 Yamile Lira-Lopez—Aprovechamiento de la obsidiana por la población prehispánica del valle de Maltrata, Veracruz
- 1:30 Gabriela Montero, Nathan Wilson and Lourdes Budar—Obsidian Exploitation and Access in the Eastern Sierra de los Tuxtlas, Veracruz, Mexico
- 1:45 Alanna Ossa—The Organization of Obsidian Exchange at Postclassic Sauce and Its Hinterland in Veracruz, Mexico
- 2:00 Alejandro Pastrana, Annick J. E. Daneels and Silvia Domínguez—Obsidian Processing and Distribution in Classic Period Lower Cotaxtla Basin, Veracruz, México
- 2:15 Luz Stephanie Rivera, Gianfranco Ciassiano, Ana María Álvarez and David Gárate—Huayacocotla's Early Holocene and Middle Archaic Human Occupations
- 2:30 Marcie Venter, Sean Carr and Shayna Lindquist—A Comparison of XRF and Visual Sourcing Methods in the Identification of Guadalupe Victoria Obsidian at Matacanela, Sierra de los Tuxtlas
- 2:45 Carl Wendt, Edgar Huerta, Hector Neff and Michael D. Glascock—Source Analysis of Obsidian from the Late Olmec Site of Los Soldados
- 3:00 Nathan Wilson—Obsidian Importation and Use at Teotepec, Veracruz, Mexico: Situating Site-Level Lithic Activities within a Regional Context
- 3:15 Charles Knight—Discussant

Saturday Afternoon, April 14**[286] SYMPOSIUM ■ IS DIGITAL ALWAYS BETTER?***(Sponsored by North American Chapter Computer Applications and Quantitative Methods in Archaeology [CAA-NA])***Room:** Wilson A**Time:** 1:00 PM–3:30 PM**Chairs:** Heather Richards-Rissetto, Katie Simon and Lisa Fischer**Participants:**

- 1:00 Lisa Fischer and Mary Anna Hartley—The Search for Jamestown's 1617 Church: How Digital Technologies are Providing New Insights into an Old Site
- 1:15 Sarah Lowry, Shawn Patch and Lynne Sullivan—The Works Progress Administration, Tennessee Valley Authority, and Geophysics: Bringing Together Digital Geophysical Data and Historic Excavation Results for Comprehensive Data Sets
- 1:30 Forrest Follett, Adam Barnes, Katie Simon and Carla Klehm—Toward an Automated Model for Archaeological Site Detection in Eastern Botswana, a Clustering Method
- 1:45 Katie Simon, J. Cameron Monroe, Christine Markussen and Clayton Sexton—Illuminating Haiti's Royal Past: Advancing Analytics through 3D Data Fusion of Terrestrial Surface Models and Subsurface Geophysical Data
- 2:00 Mark Freeman and Jeanne Moe—Project Archaeology: Assessing Paper and Digital Approaches to Online Learning
- 2:15 Elizabeth Bollwerk, Lynsey Bates, Leslie Cooper and Jillian Galle—What to Do with All Those Digital Data: Examples from the Digital Archaeological Archive of Comparative Slavery (DAACS)
- 2:30 Jennie Sturm—Making Quality Interpretations in the Ever-Expanding World of Digital Data
- 2:45 Willeke Wendrich—Discussant
- 3:00 Questions and Answers
- 3:15 Christine Markussen—Discussant

**[287] SYMPOSIUM ■ POTTERY IN PRACTICE: THE PRODUCTION AND USE OF CERAMICS IN THE ANCIENT SOUTHWEST****Room:** Wilson B**Time:** 1:00 PM–3:30 PM**Chairs:** Katherine Dungan, Sarah Oas and Caitlin Wichlacz**Participants:**

- 1:00 Katherine Dungan, Matt Peeples, Caitlin Wichlacz and Jeffery Clark—Secret Identities and X-Ray Vision: Applying CT-Scanning to Roosevelt Red Ware Formation Techniques in the Tonto Basin
- 1:15 Scott Van Keuren—How Long Did It Take to Paint Ancestral Pueblo Pottery?
- 1:30 Caitlin Wichlacz—An Efficient and Reliable Mechanism: The Human Experience of Hohokam Ceramic Exchange during the Middle Sacaton Period (A.D. 1000–1070)
- 1:45 Robert Bischoff—An Examination of the Role of San Juan Red Ware Vessels in Social Interaction
- 2:00 Sarah Oas—Feeding and Consuming: Ceramic Vessels and Cibola Foodways
- 2:15 Kathryn Putsavage—Complicating the Religious/Secular Dichotomy through Object Biographies: An Investigation of Mesa Verde Style Mugs
- 2:30 Tanya Chiykowski-Rathke—Deposition in Death and Domestic Contexts at Cerro de Trincheras, Sonora Mexico
- 2:45 Deborah Huntley and Suzanne Eckert—The Reshaped Sherd: A Comparative Study of Ancestral Pueblo Worked Sherd Assemblages

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- 3:00 Jan Athenstädt, Lewis Borck, Leslie Aragon, Corinne L. Hofman and Ulrik Brandes—Plain Ware and Polychrome: Quantifying Perceptual Differences in Ceramic Classification
- 3:15 Questions and Answers

**[288] SYMPOSIUM ■ FROM EARLY FORMATIVE TO POSTCLASSIC IN THE MIXTECA OF OAXACA: THE FORMATIVE ETLATONGO PROJECT, 2015–17**

**Room:** Delaware A

**Time:** 1:00 PM–3:30 PM

**Chair:** Jeffrey Blomster

**Participants:**

- 1:00 Jeffrey Blomster and Victor Salazar—Public Space, Sacred Place: Early Monumental Architecture and Corporate Identity in the Mixteca Alta, Oaxaca
- 1:15 Victor Emmanuel Salazar Chavez, Cuauhtemoc Vidal-Guzman and Jeffrey Blomster—The Materiality and Creation of Constructed Space at Etlatongo, Oaxaca, Mexico
- 1:30 Richard E. Terry, Jeffrey Blomster and Daniel A. Bair—Geochemical Analysis of the Soils and Floors of Ancient Activity Areas at the Site of Etlatongo, Oaxaca, Mexico
- 1:45 Diogo Oliveira, Jeffrey Blomster and Michael D. Glascock —Importation, Distribution, and Crafting of Obsidian at Formative Etlatongo
- 2:00 Sarah Breault—Ceramics and Community: A Yucuita Phase Ceramic Cache at Etlatongo
- 2:15 Karleen Ronsairo—A Preliminary Analysis of Early Ramos Phase Ceramics from the Mixteca Alta, Oaxaca, Mexico
- 2:30 Ricardo Higelin Ponce de León, Alicia Gonzales and Jeffrey Blomster—Skeletal Health and the Impact of Agriculture within the Mixtec Population from Etlatongo, Mixteca Alta, Oaxaca during the Middle Formative
- 2:45 Alba López López and Ricardo Higelin Ponce de León—Funerary Architecture in Public Space: The Case of Burial 10 at Etlatongo, Mixteca Alta, Oaxaca
- 3:00 Alexis Clark—Designing Influence: Aesthetic Choices and Group Identity in Decorated Ceramics of Late Postclassic Etlatongo, Oaxaca, Mexico
- 3:15 Marcus Winter—Discussant

**[289] SYMPOSIUM ■ NOW THAT I HAVE MY DEGREE, WHAT DO I DO? GOING FROM THE CLASSROOM TO THE PROFESSION**

**Room:** Hoover

**Time:** 1:00 PM–3:30 PM

**Chair:** Kimball Banks

**Participants:**

- 1:00 Nathan Boyless—Discussant
- 1:15 Linda Scott Cummings—Discussant
- 1:30 Carol Ellick—Discussant
- 1:45 Joseph Schuldenrein—Discussant
- 2:00 Ann Scott—Discussant
- 2:15 Rebecca Simon—Discussant
- 2:30 Mark Slaughter—Discussant
- 2:45 John Welch—Discussant
- 3:00 Maria Nieves Zedeño—Discussant
- 3:15 Holly Norton—Discussant

Saturday Afternoon, April 14**[290] SYMPOSIUM ■ MENTORING THE MISCELLANEOUS: PAPERS IN PALEOETHNOBOTANY****Room:** Lincoln 2**Time:** 1:00 PM–3:30 PM**Chair:** Angelina Perrotti**Participants:**

- 1:00 Angelina Perrotti—Non-pollen Palynomorphs Reveal Environmental Fluctuations in the Terminal Pleistocene Southeastern United States
- 1:15 Staci Willis—Pollen in Nautical Archaeology
- 1:30 Chase Beck, Vaughn Bryant and Dennis Jenkins—Pollen, Contamination, and Interpretation at Paisley Caves Archaeological Site
- 1:45 Elanor Sonderman—Revisiting Conejo Shelter: Refining Cultural Chronologies of the Lower Pecos, Texas
- 2:00 Ryan Szymanski—Approaching Equifinality: Pollen and Non-pollen Palynomorphs as Complementary Paleoecological Proxies
- 2:15 Richard Holloway and Karl Laumbach—Macrobotanical and Pollen Analysis of the Canada Alamosa Project
- 2:30 Mary Bryant—Is Traditional Pollen Analysis Obsolete?
- 2:45 Dolores Piperno—Discussant
- 3:00 Tim Riley—Discussant
- 3:15 Vaughn Bryant—Discussant

**[291] SYMPOSIUM ■ EXTENDING THE LEGACY OF THE LATE STEPHEN WILLIAMS****Room:** Lincoln 4**Time:** 1:00 PM–3:30 PM**Chair:** Judith Habicht-Mauche**Participants:**

- 1:00 Seth Grooms, Edward Henry, Kelly Ervin and Tristram Kidder—Beyond Good Grey Culture: Rethinking Early Woodland Origins in the Lower Mississippi Valley
- 1:15 Dorian Burnette, David Dye and Arleen Hill—Stephen Williams and The Vacant Quarter Phenomenon
- 1:30 Vincas Steponaitis—The Location of the Historic Natchez Villages, Revisited
- 1:45 Ian Brown—The Reuse of Indian Mounds as Historic and Modern Cemeteries
- 2:00 John Stubbs—Discoveries on Campus: Archaeology in Harvard Yard
- 2:15 Judith Habicht-Mauche and Emma Britton—Viewing Ceramic “Types,” “Varieties,” and “Modes” from a Practice-Based Perspective: Case Studies from the Greater Southwest
- 2:30 John Hoopes—Fantastic Archaeologist: Stephen Williams and the Perennial Task of Debunking Pseudoarchaeology
- 2:45 Paula Molloy—Fantastic Archaeology Revisited: Still Wild after All These Years
- 3:00 Jeremy Sabloff—Discussant
- 3:15 Questions and Answers

**[292] SYMPOSIUM ■ INTEGRATING CLIMATE CHANGE INTO ARCHAEOLOGICAL CURRICULA****Room:** Lincoln 3**Time:** 1:00 PM–3:45 PM**Chairs:** Phyllis Messenger and Lewis Messenger**Participants:**

- 1:00 Lewis Messenger—Investigating Climatic Dimensions of the Archaeological Past with Undergraduates Using CADGAP (Climatic Analogs Data Gathering Project)
- 1:15 Kenneth Tankersley—Surviving Climate Change
- 1:30 Olivia Navarro-Farr—Teaching Scientific Anthropology in the Age of Trump: Towards a Pedagogy of Science Literacy and Advocacy

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- 1:45 Alexander Rivas and Brent Woodfill—Teaching Climate Change in Red States  
 2:00 Phyllis Messenger and Patrick Nunnally—Tweeting the Flood: Student Social Media Fieldwork and Interactive Community Building  
 2:15 Doris Walter and Rebecca Bria—Multiple Ways of Understanding Peru's Changing Climate: Bridging Ethnographic, Archaeological, and Other Scientific Perspectives in Student Learning  
 2:30 Diane Douglas—Climate Change Adaptation: Implementing Indigenous and Local Knowledge to Increase Community Resilience  
 2:45 Diane Gifford-Gonzalez—Discussant  
 3:00 Andrew Scherer—Discussant  
 3:15 Kenneth Sassaman—Discussant  
 3:30 Questions and Answers

**[293] SYMPOSIUM ■ PROJECT PLAZA OF THE COLUMNS COMPLEX: NEW INVESTIGATION OF A CIVIC-ADMINISTRATIVE COMPLEX AT THE HEART OF TEOTIHUACAN, MEXICO**

**Room:** Washington Room 1

**Time:** 1:00 PM–4:00 PM

**Chair:** Nawa Sugiyama

**Participants:**

- 1:00 Nawa Sugiyama, Saburo Sugiyama, Adrian Chase, Tanya Catignani and Taylor Gibson—Methods of LiDAR Mapping in Urban Landscapes: Introducing the Teotihuacan LiDAR Map  
 1:15 David Carballo, Daniela Hernández Sariñana, María Codlin, Gina Buckley and Jorge Ortiz Hernández—Activity Areas and Political Economy at Teotihuacan's Plaza of the Columns: Investigations in Front E  
 1:30 William Fash, Nawa Sugiyama, Barbara Fash, Mariela Pérez Antonio and Alexis Hartford—Maya-Teotihuacan Relations Viewed from Front D at the Plaza of the Columns  
 1:45 Jose Luis Ruvalcaba, Paulina Guzmán, Edgar Casanova, Miguel Angel Maynez and Isaac Rangel—Technical Examination of Mural Painting Fragments from Plaza of the Columns Complex of Teotihuacan: A Comparative Study  
 2:00 Jeff Stanley, Mariela Pérez Antonio and Nawa Sugiyama—Spatial Distribution of Ceramic Sherds at the Plaza of the Columns, Teotihuacan, Mexico  
 2:15 Teresa Hsu, Nawa Sugiyama, Leila Martinez-Bentley and Mónica Gómez Peña—Zooarchaeology and Bioarchaeology: Ceremonial Feasts and Human Caches at Plaza of the Columns Complex, Teotihuacan  
 2:30 Yolanda Peláez Castellanos, Nawa Sugiyama and Agustín Ortíz—An Approximation towards the Function of Candeleros in the Plaza of the Columns Complex, Teotihuacan  
 2:45 Clarissa Cagnato—Macro- and Microbotanical Results from Select Archaeological Contexts in the Plaza of the Columns Complex, Teotihuacan, Mexico  
 3:00 Luis Barba, Jorge Blancas and Agustín Ortíz—Geophysical Prospection at Plaza of the Columns Complex, Teotihuacan  
 3:15 Ana Soler-Arechalde, Cecilia Caballero-Miranda, Ma Carmen Osorio and Itzayana Bernal—Archaeomagnetic Dating Results of PPC Project  
 3:30 Deborah Nichols—Discussant  
 3:45 Questions and Answers

Saturday Afternoon, April 14**[294] SYMPOSIUM ■ “WICKED AWESOME” ARCHAEOLOGY: NEW DATA AND DIRECTIONS IN THE ARCHAEOLOGICAL NORTHEAST****Room:** Washington Room 2**Time:** 1:00 PM–4:15 PM**Chairs:** Jennifer Ort and Ora Elquist**Participants:**

- 1:00 Jennifer Ort and Ora Elquist—Preserving the Ongoing Legacy of Northeast Pre-contact Archaeology
- 1:15 Richard Boisvert—Collaborative Research as an Adaptive Strategy among New England Archaeologists
- 1:30 Zachary Singer, Peter Leach, Tiziana Matarazzo, Cosimo Sgarlata and Dawn Beamer—Beyond a Stone’s Throw from the Lithic Source: New Investigations of the Paleoindian Component at the Templeton Site in Western Connecticut
- 1:45 Francis “Jess” Robinson and R. Scott Dillon—Trends, Traditions, Interregnums, and Continuities: An Examination of the Cultures of the Early Holocene of the Far Northeast
- 2:00 Kristen Jeremiah and Dianna Doucette—Written in Stone: 10,000 Years of Activity at the Acushnet LNG Site
- 2:15 David Leslie and Sarah P. Sportman—Lithic Analyses of Site 21-85, an Archaic–Woodland Period Site near Robbins Swamp and the Housatonic River, Connecticut
- 2:30 Ora Elquist—A Woman’s Retouch: Lithic Recycling at the Strow’s Folly Site (Locus 3), Wareham, Massachusetts
- 2:45 Erin Flynn—The Cutting Edge: Versatility and Preference for the Semi-lunar Knife in the Southern New England Archaic
- 3:00 Dianna Doucette, Elizabeth Chilton, David Foster, Deena Duranleau and Evan Taylor—Fire and Vegetation Dynamics: Blazing the Trail in Pre-contact Southern New England
- 3:15 David Wilson and Kevin McBride—Analysis of Sturgeon Fishing Encampments from Block Island, Rhode Island
- 3:30 Krista Dotzel—Phytolith Analysis of Woodland Period Carbonized Food Residues from Block Island, RI
- 3:45 Robert Ingraham, Sky Heller, Brian Robinson and Kristin Sobolik—“Left for the Tide to Take Back”: Specialized Taphonomic Mechanisms at Play in a Coastal Maine Seal Hunting Camp
- 4:00 Peter Leach—Minimally-Invasive Geoarchaeological Investigation of a Sub-marsh and Intertidal Precontact Site in New Hampshire

**[295] SYMPOSIUM ■ HUMAN ACTION AND DEEP TIME: A RETURN TO TIME AND SCALE IN ARCHAEOLOGY****Room:** Washington Room 3**Time:** 1:00 PM–4:45 PM**Chairs:** Thomas Hardy and Stephen Berquist**Participants:**

- 1:00 Asa Randall—The Impersistence of Persistent Places on the St. Johns River, Florida
- 1:15 Francesca Fernandini—The Timespace of the Pre-Hispanic City of Cerro de Oro
- 1:30 Megan Kassabaum—Mounds at the Margins: The Effect of Temporal Frontiers on Archaeological Interpretation
- 1:45 Julian Salazar, Valeria Franco Salvi and Dana Carrasco—Multiple Temporalities in the Andean Eastern Piedmont (Tucumán Province, Argentina)
- 2:00 Giles Spence-Morrow—Signs of History, Signs in History: Confronting the Past in Antiquity in the Jequetepeque Valley, Peru

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- 2:15 Stephen Berquist and Thomas Hardy—Deep Time and Human Action: An Introduction
- 2:30 Douglas Smit—Geology and Governance: Colonial Andean Mercury Mining and the Marroquín Collapse of 1786
- 2:45 Patrick Mullins—Frontier Landscapes in the Longue Durée: The Upper Moche Valley Chaupiyunga
- 3:00 James Zeidler—Deep Histories and Persistent Places: Repetitive Mound-Building and Mimesis in the Jama Valley Landscape, Coastal Ecuador
- 3:15 Thomas Hardy—Assembling Empire: Continuity and Change in the Long-Term Development of the Inca Empire
- 3:30 Lisa Maher and Danielle Macdonald—Becoming Neolithic or Being a Hunter-Gatherer? Reframing the Origins of Agriculture through a Longue Durée Perspective
- 3:45 Paul R. Duffy and Péter Czukor—Using Multiple Time Scales to Understand the Divergence of Prehistoric Social Trajectories in the Carpathian Basin
- 4:00 Hannah Moots—Towards a Recursive Relationship between Archaeological and Evolutionary Theory
- 4:15 Kirsten Vacca and Lisa Maher—Exploring the Interpretative Roles of Microarchaeology, Ethnohistory and Ethnoarchaeology for Structuring Daily Life in Pre-contact Hawaiian Houses
- 4:30 Questions and Answers

**[296] SYMPOSIUM ■ “IRISHNESS” WORLDWIDE: CONFRONTING THE VISIBILITY OF MATERIAL IDENTITY IN THE PAST AND PRESENT**

**Room:** Lincoln 5

**Time:** 1:00 PM–4:45 PM

**Chairs:** Andrew Webster and Sara Morrow

**Participants:**

- 1:00 Andrew Webster—Intersectional Irish Identity and the Rise of Globalization
- 1:15 Rachel Tracey—Interpreting ‘Irishness’ in the Archaeological Record: A Northern Ireland Perspective
- 1:30 Sara Morrow—Consumption Practice and the Authenticity of “Irishness”: Everyday Material Life on the Islands of Inishark and Inishbofin, Co. Galway, Ireland
- 1:45 Katherine Shakour—Choosing Building Materials: Multi-scalar Construction of Identities and Heritage Following Disaster
- 2:00 Stephen Brighton—The Materiality of Cultural Resilience: The Archaeology of Struggle and Transformation in Post-famine Ireland
- 2:15 Barra ODonnabhain and Jonny Geber—Irishness and the Bodies of the Poor in the 19th Century
- 2:30 Patrick Rivera—When Is an Artifact an ‘Ethnic’ Artifact? Case Studies from Ireland and Mexico
- 2:45 Questions and Answers
- 3:00 Alexander Anthony—“Irishness” and Tea Consumption: The Materiality of Ethnicity
- 3:15 Robert Vander Heiden—Glass Bottles at the McHugh Site: Patent Medicines, Frontier Health, and 19th Century Popular Culture
- 3:30 John Hyche—Shanties on the Mountainside: A Look at Labor on the Blue Ridge Railroad
- 3:45 Deirdre Kelleher—Unearthing the Material Culture of Nineteenth-Century Irish Immigrants in the “City of Homes”: A Case Study from Elfreth’s Alley, Philadelphia, Pennsylvania
- 4:00 Nicholas Ames—Objects in Motion: The Materiality of Irish Emigration in the

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- 19th Century World  
 4:15 William Donaruma and Ian Kuijt—I Could Read the Sky and Make Nets: 19th  
 Century Irish Taskscapes of Remembrance and Belonging  
 4:30 Audrey Horning—Discussant

**[297] SYMPOSIUM ■ RITUAL ECOLOGIES OF FOOD PRODUCTION IN THE ANCIENT WORLD****Room:** Marriott Salon 3**Time:** 1:00 PM–5:00 PM**Chair:** Rebecca Bria**Participants:**

- 1:00 Victoria Moses—Meat Production and Animal Sacrifice during the Urbanization  
 of Archaic Rome  
 1:15 Raymond Hunter—Cultivating Ideology: Food Production in Colonial Cusco,  
 Peru  
 1:30 Michael Aiuvalasit—Placing Ancestral Pueblo Water Management Practices into  
 Ritual Contexts  
 1:45 James Countryman—Ritual Production, Commodity Production, and Cultivating  
 Agricultural Heritage in Ravni Kotari, Croatia  
 2:00 Dana Bardolph, Brian Billman and Jesús Briceño — Hidden Labor: Exploring  
 Food, Gender, and Ritual in the Prehispanic Moche Valley of North Coastal Peru  
 2:15 Katherine Chiou—Meat, Transport, Fertilizer, and Meaning: Considering the  
 Role of Camelids and Ritual in Moche Food Production  
 2:30 Maria C. Bruno, Christine A. Hastorf and Jewell Soriano—Landscapes and  
 Agricultural Rituals on the Taraco Peninsula, Bolivia  
 2:45 Cameron L. McNeil—Discussant  
 3:00 Rebecca Bria—Interlinking Practices and Community Assemblages: Agriculture  
 and Ritual in Ancient Hualcayán, Peru  
 3:15 Hannah Chazin—Ordinary or Extraordinary? Analytical Disjunctures between  
 Production and Rituals in Pastoralist Societies  
 3:30 Madeleine McLeester—“Every Plant is Medicine:” Overlapping Categories in  
 Food Production and Ritual  
 3:45 Brad Chase, David Meiggs and P. Ajithprasad—Kinship and Cattle in Harappan  
 Gujarat  
 4:00 Elisabeth Hildebrand, Katherine Grillo, Anneke Janzen, Susan Pfeiffer and  
 Elizabeth Sawchuk—Ritual Sites as Anchors in a Dynamic Landscape: The  
 Social and Economic Importance of Monumental Cemeteries Built by Eastern  
 Africa’s Earliest Herders  
 4:15 Kurt F. Anschuetz and Richard I. Ford—Earning Their Living: Archaeologies of  
 Ideation, Ritual, and Agricultural Practice in the Southwestern Pueblo Landscape  
 4:30 Justin Lev-Tov—Animal Bones from Hazor, Israel and a Cautionary Tale of  
 Interpreting Past Ritual  
 4:45 Christine A. Hastorf—Discussant

**[298] SYMPOSIUM ■ ARCHAEOLOGICAL SCIENCE MEETS THE CLASSICS: EMERGING  
 KNOWLEDGE IN THE ANCIENT EASTERN MEDITERRANEAN WORLD****Room:** Washington Room 4**Time:** 1:00 PM–5:00 PM**Chairs:** Eleanna Prevedorou and Calla McNamee**Participants:**

- 1:00 Scott Pike—Sourcing Building Stones in the Ancient Mediterranean: A Review of  
 25 Years of Provenance Research at the Wiener Laboratory  
 1:15 Panagiotis Karkanias, Sharon Stocker and Jack Davis—Microstratigraphic and

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- Geochemical Contributions to the Study of the Burial Practices and Taphonomy of the Mycenaean Shaft Grave of the 'Griffin Warrior', Pylos, Greece
- 1:30 Julie Hruby—Building a Statistical Model to Evaluate the Sexes of Ancient Greek Fingerprints
- 1:45 Salvatore Vitale, Calla McNamee, Toula Marketou, Denitsa Nenova and Jerolyn E. Morrison—Changing Landscapes: Settlement Strategies, Cultural Dynamics, and Material Evidence on Kos, Dodecanese, during the Final Neolithic and the Bronze Age
- 2:00 Susan Allen, China Shelton and Calla McNamee—Preservation and Perception: Archaeobotanical Patterning and Site Formation Processes in Mycenaean Messenia
- 2:15 Maria Ntinou and Soultana-Maria Valamoti—Trees and Tree Cultivation in the Prehistoric Aegean: A Synthesis of Archaeobotanical Data
- 2:30 Calla McNamee, Sofia Laparidou, Georgia Tsartsidou, Maria Bofill and Soultana-Maria Valamoti— Experimental Archaeology as a Tool for Understanding Microbotanical Taphonomy
- 2:45 Questions and Answers
- 3:00 Deborah Ruscillo—Hunting the Helmet: Social and Practical Aspects of Building a Boar's Tusk Helmet
- 3:15 C. Margaret Scarry and W. Flint Dibble—Bridging the Divides at Azoria: Environmental Archaeology at an Archaic Greek City
- 3:30 Sherry Fox, Sandra Garvie-Lok and Steve Friesen—An Osteological and Isotopic Assessment of Diet at Ancient Corinth and Ancient Paphos
- 3:45 Maria Liston—Exploring the Evidence for Infectious Diseases in Byzantine Thebes, Greece
- 4:00 Anna Lagia—Contributing Bodies: The Foundation of the Modern Human Skeletal Collection of the University of Athens in Greece
- 4:15 Eleanna Prevedorou, Jane E. Buikstra and Stella Chrysoulaki—Unwritten Histories: The People of the Phaleron Cemetery
- 4:30 Jane E. Buikstra—Discussant
- 4:45 Curtis Runnels—Discussant

**[299] SYMPOSIUM ■ CURRENT ARCHAEOLOGICAL RESEARCH IN EASTERN, CENTRAL, AND SOUTHERN HONDURAS**

**Room:** Marriott Salon 2

**Time:** 1:00 PM–5:00 PM

**Chairs:** Whitney Goodwin and Franziska Fecher

**Participants:**

- 1:00 Markus Reindel and Franziska Fecher—The Imbalanced Archaeology of Honduras: Challenges and Potentials
- 1:15 Oscar Neill—Entre Mesoamérica y el Área Intermedia, Patrón de Asentamiento Arqueológico en la Costa Nororiental de Honduras
- 1:30 Whitney Goodwin—Ceramics Inside and Out: Food, Style, and Identity in Coastal Northeastern Honduras during the Selin Period (AD 300–1000)
- 1:45 Wilmer Elvir, Ashley Sharpe and Whitney Goodwin—Relaciones Sociales y Medioambientales en Selin Farm a través del Análisis de su Conjunto Arqueomalacológico
- 2:00 Franziska Fecher, Markus Reindel and Peter Fux—Cultural and Economic Interaction at Postclassic Guadalupe, Northeast Honduras
- 2:15 Raquel Otto and Luke Stroth—La Obsidiana del Sitio Guadalupe, Colón, Honduras
- 2:30 Jill Mattes—Architecture of Pre-Columbian Northeast Honduras

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- 2:45 Christopher Begley—3D Imaging in Remote Areas, Rainforests, and Other Hostile Environments: Investigating Identity and Interaction in Eastern Honduras
- 3:00 Carmen Julia Fajardo—Los Recursos Culturales del Pasado en la Zona del Oriente: Represa Hidroeléctrica Patuca III
- 3:15 Rodrigo Solinis-Casparius, Christopher T. Fisher, Anna Cohen, Juan Fernandez Diaz and Jason Bush—Excavations at the City of the Jaguar
- 3:30 Juan Fernandez Diaz, Anna Cohen, Christopher T. Fisher, Ramesh Shrestha and Alicia M. Gonzalez—New Insights into Honduran Archaeology from the Recovery and Reanalysis of an Antique Lidar Dataset
- 3:45 Alejandro Figueroa—The Multiple Meanings of the Rock Art Landscape of Central and Southern Honduras
- 4:00 Ridel Morales, Carmen Julia Fajardo and Blanca Fajardo—Aportes a la Interpretación Arqueológica de la Zona Sur en Honduras
- 4:15 Marie Kolbenstetter—“Les Niveaux Céramiques au Honduras” Revisited: The Gulf of Fonseca in Regional Context
- 4:30 John Henderson and Kathryn Hudson—Toward an Ulúa World: Defining, Delimiting, and Interpreting Interaction Networks
- 4:45 Questions and Answers

**[300] SYMPOSIUM ■ PRELIMINARY RESULTS: 2017 FIELD SEASON, PROGRAMA ARQUEOLOGICO PREHISTORIA URBANA DE HUARI**

**Room:** Marriott Salon 1

**Time:** 1:00 PM–5:00 PM

**Chairs:** Brittany Fullen, Geoffrey Taylor and Halona Young-Wolfe

**Participants:**

- 1:00 William Isbell and Ismael Pérez Calderón—Huari Urban Prehistory: An Introduction to the Excavations of 2017
- 1:15 Ismael Pérez Calderón—Lluvias que ocurrieron en el pasado prehistórico del valle de Huamanga en Ayacucho, Perú
- 1:30 Halona Young-Wolfe—Architectural Style and Urban Organization at the Patipampa Sector of Huari
- 1:45 Gonzalo Rodríguez—Replacing Houses and Building a City: Huari, Ayacucho
- 2:00 Geoffrey Taylor—Foodways and Urban Living: A Macrobotanical Analysis of Huari Homes
- 2:15 Hannah Elliott—Camelid Exploitation at the Middle Horizon Site of Huari
- 2:30 Emily Roberts—Craft Production and Consumption in the City of Huari: A Spatial Analysis
- 2:45 Bronson Wistuk—A Preliminary Analysis of Flaked Stone Tools at Patipampa
- 3:00 Questions and Answers
- 3:15 Brittany Fullen—What’s a Niche Got to Do with It? Spatial Analysis of Niche Structures at Patipampa and Other Middle Horizon Sites
- 3:30 Luz Antonio—Relaciones estilísticas y culturales en un contexto temprano del Horizonte Medio
- 3:45 Hideyuki Nishizawa—What Does the “Cruz Pata” Style Look Like?: Redefining an Enigmatic EIP Ceramic Style of the Ayacucho Valley
- 4:00 Barbara Wolff—Post-Fire Incisions on Wari Pottery
- 4:15 Justin Jennings—Discussant
- 4:30 John Janusek—Discussant
- 4:45 Cynthia Robin—Discussant

Saturday Afternoon, April 14**[301] POSTER SESSION ■ WOODLAND ARCHAEOLOGY****Room:** Exhibit Hall B South**Time:** 2:00 PM–4:00 PM**Participants:**

- 301-a Ashley Rutkoski and Michelle Bebber—Assessing the Distribution of Limestone Temper in Southern Ohio
- 301-b Martin Menz—Weeden Island Shell Rings from the Bottom-Up: The View from Old Creek
- 301-c Jessica Vavrsek—St. Lawrence Iroquoian Pottery Motifs and Dog Isotopes as Indicators of Population Movement in Jefferson County, NY
- 301-d William Green, Steven DeVore and Adam Wiewel—Geophysical Survey and Remote Sensing at Gast Farm, Southeast Iowa: Hidden Mounds and Middle and Late Woodland Community Plans
- 301-e Kathleen Allen—Pottery Analysis as a Window into Site Function and Community Identity: A Haudenosaunee Case Study
- 301-f Matthew Moriarty, Ellen Moriarty, Rosy Kirk and Bryant Garrow—At the Gateway to Vermont: Recent Investigations at the Galick Site, West Haven, VT
- 301-g Leslie Drane—Constructing Communities: A New Magnetometry Survey at the John Chapman Site
- 301-h Mark Donop—Pot Souls and Kill Holes: Weeden Island Ceramics from Palmetto Mound, Florida

**[302] POSTER SESSION ■ THE MAYAN WORLD****Room:** Exhibit Hall B South**Time:** 2:00 PM–4:00 PM**Participants:**

- 302-a Jessica Munson, Jonathan Scholnick and Lorena Paiz Aragon—Quality of Life Changes in an Ancient Maya Community: Longitudinal Perspectives from Altar de Sacrificios, Guatemala
- 302-b Yijia Qiu, Julie Hoggarth, Claire Ebert and John Walden—Identifying Patterns of Ceramic Compositional Variability from Residential Contexts in Three Late Classic Maya Polities
- 302-c Wade Tidwell—Artifact Ubiquity as an Index of Ancient Maya Socioeconomic Variability at Actuncan, Belize
- 302-d William Nolan and Jerald Ek—Shellfish Harvesting, Subsistence Strategies, and Human/Environmental Interactions in the Río Champotón Drainage, Campeche, Mexico
- 302-e Rachel Gill, Brigitte Kovacevich and Michael Callaghan—Reflectance Transformation Imaging: New Methods in Documenting Preclassic Maya Graffiti from Holtun, Guatemala
- 302-f Emily Haney—Mortuary Vessels at the Maya City of El Peru-Waka'
- 302-g Nathan Parrott and Carlos Peraza Lope—An Analysis of Bark Beaters from the Postclassic Site of Mayapán
- 302-h Geraldine Granados Vazquez, Isabelle Séguy and Lourdes Marquez—The Risk of Dying in Ancient Societies. Vulnerability from a Bioarchaeological Approach, Theoretical-Methodological Model
- 302-i Scott Simmons—The Integration of Island and Mainland Maya Communities: Perspectives from Ambergris Caye, Belize
- 302-j Victoria Izzo, Jennifer Marla Toyne, Michael Callaghan and Brigitte Kovacevich—An Osteobiography of Skeletal Remains from Holtun, Guatemala
- 302-k Sherman Horn and Anabel Ford—Through a Scanner...Darkly? LiDAR, Survey, and Mapping at the Ancient Maya Center El Pilar

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- 302-l Delande Justinvil, Jessica Leonard, Hannah Plumer, Thomas Guderjan and Colleen Hanratty—The Teeth Tell All: Dentition, Demography, and Paleopathology at Early Classical Mayan Site of Tulix Muul, Belize
- 302-m Lauren Koutlias and Annie Riegert—Deviancy, an Alternate Means of Child Veneration at the Maya Site of Colha

**[303] POSTER SESSION ■ LANDSCAPE ARCHAEOLOGY****Room:** Exhibit Hall B South**Time:** 2:00 PM–4:00 PM**Participants:**

- 303-a Gligor Dakovic—Preliminary Analysis of Landscape—Social Complexity Relationship Changes from Neolithic to Bronze Age in South Carpathian Basin
- 303-b Charles Rainville and Asa Randall—Measuring Ancient Reuse of the Past: Archaic and Woodland Landscape Histories of the St. Johns River Valley, Florida
- 303-c Jordan Downey—No-Budget Archaeology: Landscape Archaeology Using Free Data and Software
- 303-d Emily Brush— High Elevation Land Use in the Cougar Pass Region of the Absaroka Mountains of Northwest Wyoming
- 303-e Jessica Curteman, Briece Edwards and Jon Krier—Storied Landscapes and Cultural Resource identification on Oregon's Paleocoastline
- 303-f Sarah Harris, Moriah McKenna and Anthony Graesch—(Im)movable Stone: a Comparative Analysis of Fieldstone Concentrations in Southern New England
- 303-g Karen Reed, Jonathan Libbon, Aidan McCarty, Benjamin Demchak and Erica Birkner—A Creek in Time: Landscape Archaeology of the Conotton Creek Drainage of Eastern Ohio
- 303-h Shaun Murphy, Peter Bikoulis and Sally Stewart—Landscapes of Acquisition and Mobility: Sourcing Raw Lithic Materials and Their Distribution in Central Cyprus

**[304] POSTER SESSION ■ OLD WORLD PRE- AND PROTOHISTORY****Room:** Exhibit Hall B South**Time:** 2:00 PM–4:00 PM**Participants:**

- 304-a William Taylor, Tumurbaatar Tuvshinjargal, Jamsranjav Bayarsaikhan and Julia Clark—Zooarchaeology by Mass Spectrometry (ZooMS) and the Emergence of Nomadic Herding in Eastern Central Asia
- 304-b Ivor Karavanic and Antonela Barbir—An Integrative Approach to Cave, Open-Air and Underwater Mousterian Sites of Dalmatia (Croatia)
- 304-c Zachary Cofran, Reed Coil and Gabriel McGuire—Geoarchaeological Survey of the Irtysh River Basin, East Kazakhstan
- 304-d Lisa Rogers—Human-Material Interactions during the Aurignacian of Europe, 35,000–27,000 BP: An Analysis of Marine Shell Ornament Distribution
- 304-e Felicia De Pena—Lithics and Learning: Communities of Practice at Kharaneh IV
- 304-f Aylar Abdolazadeh, George Leader, Tamara Dogandzic, Li Li and Harold Dibble —Raw Material Variability and Its Effects on Flake Production
- 304-g Mary A. Davis—Domestic Craft Specialization and Social Spatial Organization of Harappa
- 304-h Kayla Worthey—Stable Isotope Analysis Applied to the Reconstruction of Paleoenvironment and Landscape Use during the Middle and Early Upper Paleolithic at Üçağızlı I and II, South-Central Turkey

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- 304-i Trisha Jenz, Sarah Ledogar and Jordan Karsten —Dogs of Death: An Evaluation of Canid Remains from a Mortuary Eneolithic Cave Site in Ukraine
- 304-j J. Anne Melton, Emily Briggs and Kele Missal—What's Shape Got to Do With It? Evaluating the Degree to Which Motion and Material Type Influence Edge Outline of Obsidian Flakes
- 304-k Breeanna Charolla and Jamie Hodgkins—Zooarchaeological Analysis of a Late Pleistocene Cave Site in Northwestern Italy, Arma Veirana

**[305] POSTER SESSION ■ HISTORIC NORTH AMERICA: THE WEST AND MIDWEST****Room:** Exhibit Hall B South**Time:** 2:00 PM–4:00 PM**Participants:**

- 305-a Robert Schon—The Archaeology of Baseball: Excavations at Warren Ballpark in Bisbee, AZ
- 305-b Taylor Peacock—Names, Lineages, and Document Archaeology: Examining Traditions and Cultural Shifts in Jewish Personal Names
- 305-c Colleen Delaney and James T. Brewer—Stories from the Guadaluca: Changes in Land Use along the California Coast
- 305-d Christopher Lowman—Many Ways of Working: Archaeological Methods at the Arboretum Chinese Quarters, Stanford, California
- 305-e Cody Dalpra and Hunter Crosby—Historic Evidence of Social, Economic, and Gender Issues at Petrified Forest National Park: Variability in the Archaeological Signature of Historic Homesteads
- 305-f Molly Cannon, Kenneth Cannon, Kenneth Reid, Joel Pederson and Houston Martin—Implications of Integrative Science Approaches for Site Documentation at Bia Ogoi
- 305-g Jessica Yaquinto and Kathleen Van Vlack—Tribal Connections to the Monticello Field Office

**[306] POSTER SESSION ■ BIOARCHEOLOGY: THE AMERICAS****Room:** Exhibit Hall B South**Time:** 2:00 PM–4:00 PM**Participants:**

- 306-a Katherine McElvaney—A Comparative Bioarchaeology of Health and Status in Pre-Classical K'axob and Cuello
- 306-b Alicia Gonzales, Jeffrey Blomster and Ricardo Higelin Ponce de León — Taphonomic Examination of the Skeletal Collection from Etlatongo, Mixteca Alta, Oaxaca
- 306-c Elizabeth Hannigan, Shintaro Suzuki, Felipe Trabanino and Boris Beltran—A Biological Profile of an Individual from Xultún Using Bioarchaeological, Starch, and Isotopic Analyses
- 306-d William Marquardt, Alexis O'Donnell, Karen Price, Katie Williams and Heather Edgar—Mortuary Analysis of St. Joseph Sanatorium, Albuquerque, New Mexico: A Multidisciplinary Approach
- 306-e Jessica Skinner—Three-Dimensional Musculoskeletal Modeling in Commingled Analysis: A Preliminary Study at the Milwaukee County Poor Farm Cemetery
- 306-f Jacklyn Rumberger, Arthur Joyce, Sarah Barber, Stacie King and Guy Hepp—Comparing Isotopic Data for Diet and Mobility of Males and Females in the Lower Río Verde Valley, Oaxaca, Mexico
- 306-g Eve Hargrave and Kristin M. Hedman—Hoxie Farm: Bioarchaeology of a Late Prehistoric Community in Northeastern Illinois

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- 306-h Lauren Downs and Kyle Waller—Problematic at Best: Assigning Sex to Prehistoric Remains with Consistency
- 306-i Karimah Kennedy Richardson, Wendy Teeter, Desiree Martinez and Cindi Alvitre—A Forensic investigation of the Ralph Glidden Human Remains Collection of the Catalina Island Museum

**[307] SYMPOSIUM ■ CASE STUDIES ON HUMAN INTERACTION WITH WATER RESOURCES****Room:** Johnson**Time:** 2:45 PM–3:45 PM**Chair:** Ruby Kerwin**Participants:**

- 2:45 Joyce White, Michael Griffiths, Cyler Conrad and Kathleen Johnson—Climate Change and the Middle Holocene “missing millennia” in the Southeast Asian Archaeological Record
- 3:00 Christopher Caseldine—Irrigation Time: An Assessment of Time as a Factor in Hohokam Irrigated Acreage
- 3:15 Ruby Kerwin and Sarah Klassen—The Development of Hydroelectric Power over Ancestral Land in Chilean Patagonia
- 3:30 Rachael Lane, Sarah Lane and Ruby Kerwin—Parting the Sea and Draining the Swamp: A Critical Review of Binary Approaches to Water Management

**[308] SYMPOSIUM ■ THE ARCHAEOLOGY OF COMPARATIVE SLAVERY****Room:** Jackson**Time:** 3:15 PM–5:00 PM**Chair:** Mark Leone**Participants:**

- 3:15 Jane Webster—From Rome to Charleston: A Comparative Perspective on the Archaeology of Forced Migration
- 3:30 Julia Haines—The Archaeology of Mauritian Indentured Labor: Social Life and Death
- 3:45 Matthew Reilly and Caree Banton—Slavery and Freedom from the West Indies to West Africa
- 4:00 Samantha Lee—Trading In Children
- 4:15 Carmel Schrire—Social Life and Social Death among Cape Slaves
- 4:30 Mark Leone—Discussant
- 4:45 Sandra Joshel—Roman Slavery

**[309] SYMPOSIUM ■ ARCHAEOLOGY AND THE SENSES****Room:** Park Tower Suite 8206**Time:** 3:30 PM–4:45 PM**Chair:** Robyn Price**Participants:**

- 3:30 Robyn Price—The Invisibility of Experience: Accessing Ancient Sensory Frameworks
- 3:45 Katharina Zinn—Did You Sleep Well? – The Body, the Senses and the Ancient Egyptian Headrest
- 4:00 Kirie Stromberg—Shang Soundscapes
- 4:15 Ryan Lash—Movement, Intersubjectivity, and Sensory Archaeology— Insights from Western Ireland
- 4:30 Ann Danis and Ruth Tringham—Doing Senses: Methods and Landscapes

**[310] SYMPOSIUM ■ RICH LAND, POOR LAND: USING STABLE ISOTOPES TO EXPLORE ANCIENT FARMING AND HERDING PRACTICES****Room:** Jefferson**Time:** 3:30 PM–5:00 PM**Chairs:** Mallory Melton and Amber VanDerwarker**Participants:**

- 3:30 Claire Ebert, Julie Hoggarth, Kirsten Green, Carolyn Freiwald and Jaime Awe—  
The Stable Isotope Ecology of Agriculture in the Eastern Maya Lowlands from  
the Preclassic through Colonial Periods
- 3:45 Anneke Janzen, Mary Prendergast and Katherine Grillo—Early Pastoralists in  
Tanzania: Mobility and the Seasonal Round
- 4:00 Amber VanDerwarker, Mallory Melton and Greg Wilson—Farming, Warfare,  
Drought, and Soil Fertility in the Mississippian Central Illinois River Valley:  
Carbon and Nitrogen Isotopes on Maize Kernels from Five Sites Spanning Two  
Centuries
- 4:15 Alicia Ventresca Miller—Evidence for Close Management of Sheep in Ancient  
Central Asia: Foddering Techniques and Transhumance in the Final Bronze Age
- 4:30 Ayushi Nayak, Michael Petraglia, Nicole Boivin and Patrick Roberts—  
Domesticating the Mosaic: Stable Isotope Approaches to Agroecologies in South  
Asia
- 4:45 Sarah McClure, Claire Ebert, Emil Podrug and Douglas J. Kennett—Identifying  
Animal Management Practices Using Oxygen Isotopes in Neolithic Croatia