



## MIDWEST ARCHAEOLOGICAL CONFERENCE

October 2–4, 2014  
Hilton Garden Inn  
Champaign, Illinois

### **Hosted by**

Illinois State Archaeological Survey  
Prairie Research Institute

Illinois Archaeological Survey

### **Conference Organizers**

Thomas E. Emerson, Eve A. Hargrave,  
Mike Lewis, and Rose Smith  
*Illinois State Archaeological Survey  
Prairie Research Institute,  
University of Illinois*



## REGISTRATION

*Hilton Garden Inn Conference Center Entrance*  
Thursday, October 2, 12:00 pm–5:00 pm  
Friday, October 3, 7:00 am–5:00 pm  
Saturday, October 4, 7:00 am–12:00 pm

### **Computer Access**

(Eve to confirm the details of this with Misty)



## BOOK ROOM

*Badgers Room*  
Thursday October 2, 12:00 pm–5:00 pm  
Friday October 3, 8:00 am–5:00 pm  
Saturday, October 4, 8:00 am–12:00 pm



## CONFERENCE SPONSORS

### **Primary Sponsors (\$1000 or more)**

Illinois Archaeological Survey  
Illinois State Archaeological Survey/  
Illinois Department of Transportation

### **Major Sponsors (\$500-\$999)**

Center for American Archeology  
Illinois State Museum Society  
Midwest Archaeological Research Services, Inc.  
Prairie Research Institute

### **Supporting Sponsors (Up to \$499)**

Department of Anthropology,  
University of Illinois, Champaign-Urbana  
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Mississippi Valley Archaeology Center/  
Archaeological Studies Program,  
University of Wisconsin-LaCrosse  
Powell Archaeological Research Center  
Upper Midwest Archaeology, LLP  
Office of the State Archaeologist, University of Iowa



## Dedication

*In fond memory of our departed colleagues*

*Dr. Mark Lynott*

*Dr. N'omi Greber*



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## MEETINGS AND SPECIAL EVENTS

### **Midwest Ceramic Workshop Open House**

*Conference Center- Hilton Garden Inn*

**Room:** *Fighting Illini*

Thursday, October 2 – 3:00–4 :00 pm

### **IAS Board Meeting**

*Homewood Suites Conference Room*

Thursday, October 2 – 4:30 pm

### **IAS Business Meeting**

*Conference Center-Hilton Garden Inn*

**Room:** *Hoosiers/Hawkeyes*

Thursday, October 2 – 5:30 pm

### **Illinois Archaeology Reception**

*Conference Center- Hilton Garden Inn*

**Room:** *Alumni Ballroom (downstairs)*

Thursday, October 2 – 6:30–9:00 pm

Cash Bar – Free Beer and Appetizers

### **MAC Board Meeting**

*Homewood Suites Conference Room*

Friday, October 3 – 12:00–2:00 pm

### **IAAA Board Meeting**

*Homewood Suites Conference Room*

Friday, October 3 – 4:00–5:00 pm

### **MAC Reception**

*Conference Center- Hilton Garden Inn*

**Room:** *Little Chief*

Friday, October 3 – 5:30–9:00 pm

Cash Bar – Free Beer and Appetizers

### **MAC Business Meeting**

*Conference Center- Hilton Garden Inn*

**Room:** *Little Chief*

Saturday, October 4 – 4:30–5:30 pm

### **MAC Banquet**

*Conference Center- Hilton Garden Inn*

**Room:** *Fighting Illini/Spartans/Golden Gophers*

Saturday, October 4 – 5:30–9:00 pm

Cash Bar, 5:30–6:30 pm

Dinner, 6:30–7:30 pm

Keynote Speaker, 7:30 pm, Dr. Martin Carver, University of York

“Sutton Hoo 1600-2014. Six Campaigns- and a New One”



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## SYMPOSIA

**(1) Symposium:** *Recent Research in Midwestern Paleoethnobotany*

**Organizer:** Mary Simon (Illinois State Archaeological Survey)

**Room:** *Hoosiers/Hawkeyes*

Thursday, 1:00–4:00 pm

**(2) MAC Sponsored Symposium:** *Convergence and Divergence: Bioarchaeological Evidence for Late Prehistoric Population Interaction in the Midwest*

**Organizers:** Mallorie A. Hatch (Arizona State University), Dawn Cobb (Illinois State Museum), Kristin M. Hedman (Illinois State Archaeological Survey-Program on Ancient Technologies and Archaeological Materials), and Eve A. Hargrave (Illinois State Archaeological Survey)

**Room:** *Little Chief*

Thursday, 1:00–4:00 pm

**(3) Symposium:** *Constructing Greater Cahokia: The Archaeology of the East St. Louis Mound Complex*

**Organizers:** Thomas E. Emerson (Illinois State Archaeological Survey) and Brad Koldehoff (Illinois Department of Transportation)

**Room:** *Hoosiers/Hawkeyes*

Friday, 8:30–11:45 am

**(4) Symposium:** *Hidden in Plain Sight II: Early Nineteenth Century Native American Sites and Material Culture in the Midwest*

**Organizers:** Richard L. Fishel (Illinois State Archaeological Survey) and Robert F. Sasso (University of Wisconsin, Parkside)

**Room:** *Little Chief*

Friday, 8:30–11:15 am

**(5) Symposium:** *Mark Lynott, a Memorial Symposium*

**Organizer:** Timothy Schilling (NPS Midwest Archeological Center)

**Room:** *Hoosiers/Hawkeyes*

Friday, 1:30–4:15 pm

**(6) Symposium:** *A Look Around the Lake: Recent Archaeological Investigations in the Lake Koshkonong Region of Southeastern Wisconsin*

**Organizers:** Richard W. Edwards IV (University of Wisconsin, Milwaukee), Katherine Sterner-Miller (University of Wisconsin, Milwaukee), and Robert J. Jeske (University of Wisconsin, Milwaukee)

**Room:** *Fighting Illini*

Friday, 1:30–4:00 pm

**(7) Symposium:** *Recent Archaeological Research in the Great Lakes Region*

**Organizer:** Fernanda Neubauer (University of Wisconsin, Madison and CAPES Foundation)

**Room:** *Little Chief*

Saturday, 8:00 am–10:15 pm

**(8) Symposium:** *Science and Religion in Archaeology: The Legacy of Thomas E. Emerson*

**Organizer:** Timothy R. Pauketat (University of Illinois) and Brad H. Koldehoff (Illinois Department of Transportation)

**Room:** *Hoosiers/Hawkeyes*

Saturday, 8:00–12:00 pm

**(9) Symposium:** *Exploring the Complexity of Midwest Urban Life through Historical Archaeology*

**Organizers:** Claire P. Dappert (Illinois State Archaeological Survey), Dwayne L. Scheid (Illinois State Archaeological Survey), Mark Branstner (Illinois State Archaeological Survey)

**Room:** *Little Chief*

Saturday, 1:00–4:00 pm

**(10) Symposium:** *Early Holocene Hunter-Gatherers of the Western Great Lakes*

**Organizers:** Thomas J. Loebel (Illinois State Archaeological Survey) and John Lambert (University of California, Davis)

**Room:** *Hoosiers/Hawkeyes*

Saturday, 1:00–4:30 pm



## GENERAL SESSIONS

**(1) General Session:** *Middle Woodland*

**Room:** *Spartans/Golden Gophers*

Friday, 8:30–11:30 am

**(2) General Session:** *Late Woodland*

**Room:** *Fighting Illini*

Friday, 8:30–11:00 am

**(3) General Session:** *Late Prehistoric (Fort Ancient, Oneota)*

**Room:** *Little Chief*

Friday, 1:30–3:45 pm

**(4) General Session:** *Mississippian*

**Room:** *Spartans/Golden Gophers*

Friday, 1:30–4:15 pm

**(5) General Session:** *Historic*

**Room:** *Spartans/Golden Gophers*

Saturday, 8:00–9:30 am

**(6) General Session:** *Community Outreach and Cultural Resources Management*

**Room:** *Spartans/Golden Gophers*

Saturday, 10:00–11:45 am

**(7) General Session:** *Paleoindian, Archaic*

**Room:** *Little Chief*

Saturday, 10:30–11:15 am



## MAC STUDENT WORKSHOP

### **Current Issues in Midwestern Archaeology**

**Organizers:** Aaron Comstock and Andrew Upton

**Moderators:** Erin Benson and Autumn Beyer

**MAC Board Liaison:** Robert Cook

**Panelists:** Melissa Baltus, Meghan Buchanan, John Doershuk, Shannon Fie, Timothy Pauketat, and Michael Wiant

**Room:** *Little Chief*

Friday, 4:15–5:30 pm



## POSTER SYMPOSIA

**(1) Poster Symposium:** *Late Pre-Columbian Environmental Change, Settlement Histories, and Agricultural Impacts: Results of the 2014 Angel Mounds NSF REU Program*

**Organizer:** Jeremy Wilson (Indiana University-Purdue University of Indianapolis)

**Room:** *Wolverines/Buckeyes*

Friday, 1:30–4:30 pm

**(2) Poster Symposium:** *Learning in Action: Student Centered Research at the Applied Anthropology Laboratories 2010–2014*

**Organizer:** Kevin C. Nolan (Applied Anthropology Laboratories, Ball State University)

**Room:** *Wolverines/Buckeyes*

Saturday, 8:00–11:00 am



## POSTER SESSIONS

**(1) Poster Session:** *Mississippian, Late Prehistoric, Historic*

**Room:** *Wolverines/Buckeyes*

Friday, 8:30–11:30 am

**(2) Poster Session:** *Paleoindian, Archaic, Woodland*

**Room:** *Wolverines/Buckeyes*

Friday, 1:30–4:30 pm

**(3) Poster Session:** *Community Outreach*

**Room:** *Wolverines/Buckeyes*

Saturday, 8:00–11:00 am



THURSDAY AFTERNOON  
OCTOBER 2

**Symposium (1)**

*Recent Research in Midwestern Paleoethnobotany*

Hoosiers/Hawkeyes Room — 1:00–4:00 pm

Organizer: Mary L. Simon (*Illinois State Archaeological Survey*)

- 1:00 **Connie Arzigian** (*University of Wisconsin-La Crosse*) - Food Storage and Seasonality: An Ethnographic and Archaeological Perspective
- 1:15 **Rosemarie Blewitt** (*University of North Carolina at Chapel Hill*) - Ceremonial Plant Use At The Tom Jones Site (3He40), A Caddo Site In Southwest Arkansas
- 1:30 **Gayle Fritz** (*Washington University in St. Louis*) - Feeding Cahokia: How Did the Agricultural System Work?
- 2:00 **William Green** (*Logan Museum of Anthropology, Beloit College*) - Plains Village and Mississippian Agricultural Systems and the Question of Swidden
- 2:15 **Karen Leone** (*Gray & Pape, Inc.*) - Botanical Evidence of Hopewell Feasting? A Case Study from Central Ohio
- 2:30 BREAK
- 2:45 **Madeleine McLeester** (*University of Chicago*) - Pollen on the Prairie: Environmental Reconstructions, Resource Use, and Site Dynamics at Oak Forest
- 3:00 **Natalie Mueller** (*Washington University in St. Louis*) - Documenting Knotweed Domestication: Preliminary Results
- 3:15 **Kimberly Schaefer** (*Illinois State Archaeological Survey*) - Recent Radiocarbon Dates on Common Bean (*Phaseolus vulgaris*) from Illinois
- 3:30 **Ronald Schirmer** (*Minnesota State University, Mankato*) - New Data on Woodland Plant Remains and Minnesota Archeology
- 3:45 **Amber VanDerwarker** (*University of California, Santa Barbara*) and **Gregory Wilson** (*University of California, Santa Barbara*) - War and Food Insecurity in the Central Illinois River Valley: Foraging, Farming, and Fishing during the Early and Middle Mississippian Periods

**Symposium (2)**

**MAC Sponsored Symposium: Convergence and Divergence – Bioarchaeological Evidence for Late Prehistoric Population Interaction in the Midwest**

Little Chief Room — 1:00–4:00 pm

Organizers: Mallorie A. Hatch, Dawn Cobb, Eve A. Hargrave, and Kristin M. Hedman

- 1:00 **Mallorie A. Hatch** (*Arizona State University*), **Dawn Cobb** (*Illinois State Museum*), **Kristin M. Hedman** (*Illinois State Archaeological Survey/Program on Ancient Technologies and*

- Archaeological Materials), and **Eve A. Hargrave** (*Illinois State Archaeological Survey*) - Sponsored Symposium Introduction
- 1:10 **Della Collins Cook** (*Indiana University*) - Old Wine in New Wine Skins: What the Craniological Work of George Langford and Georg Neumann Predicts for the Future of Biological Distance Studies
- 1:30 **Lyle W. Konigsberg** (*University of Illinois*) and **Susan R. Frankenberg** (*University of Illinois*) - The Biological Distance and Genetic Evidence for Long-Range Migration in the Prehistoric Midwest
- 1:50 **Charla Marshall** (*Armed Forces DNA Identification Laboratory, Illinois State Archaeological Survey*), **Georgia G. Millward** (*Molecular Biology Laboratory, Army Institute of Public Health, Indiana University*), **John Lindo** (*University of Illinois*), **Aimee Carbaugh** (*Illinois State Archaeological Survey*), **Kristin M. Hedman** (*Illinois State Archaeological Survey*), **Thomas E. Emerson** (*Illinois State Archaeological Survey*), **Frederika Kaestle** (*Indiana University*), **Della Collins Cook** (*Indiana University*), and **Ripan S. Malhi** (*University of Illinois*) - The Genetic Legacy of the Mississippians
- 2:10 BREAK
- 2:20 **Mallorie A. Hatch** (*Arizona State University*) - The Bioarchaeology of Mississippian War: A View from the Central Illinois Valley
- 2:40 **Eve A. Hargrave** (*Illinois State Archaeological Survey*), **Dawn Cobb** (*Illinois State Museum*), **Lenna Nash** (*Illinois State Archaeological Survey*), **Julie Bukowski** (*Illinois State Archaeological Survey*), and **Sarah Baires** (*Eastern Connecticut State University*) - Ritual Sacrifice in the American Bottom: Archaeological Contexts and Interpretations
- 3:00 **Stanley H. Ambrose** (*University of Illinois*), **Kristin M. Hedman** (*Illinois State Archaeological Survey/Program on Ancient Technologies and Archaeological Materials*), **Philip A. Slater** (*University of Illinois*), and **Matthew A. Fort** (*Illinois State Archaeological Survey*) - Isotopic Evidence of Diet and Place of Origin in the Midcontinent
- 3:20 Discussant; **Jane E. Buikstra** (*Arizona State University, School of Human Evolution*)
- 3:40 Q & A

## Meetings

### ***Midwest Ceramic Workshop Open House***

Fighting Illini Room — 3:00–4 :00 pm

### ***IAS Board Meeting***

Homewood Suites Conference Room — 4:30 pm

### ***IAS Business Meeting***

Hoosiers/Hawkeyes Room — 5:30 pm

### ***Illinois Archaeology Reception***

Alumni Ballroom (downstairs) — 6:30–9:00 pm

Cash Bar – Free Beer and Appetizers



FRIDAY MORNING  
OCTOBER 3

**Symposium 3**

*Constructing Greater Cahokia: The Archaeology of the  
East St. Louis Mound Complex*

Hoosiers/Hawkeyes Room — 8:30–11:45 am

- Organizers: Thomas E. Emerson (*Illinois State Archaeological Survey*) and Brad Koldehoff (*Illinois Department of Transportation*)
- 8:30 **Thomas E. Emerson** (*Illinois State Archaeological Survey*) - Situating the East St. Louis Mound Complex in the History of Greater Cahokia
- 8:45 **Joseph M. Galloy** (*Illinois State Archaeological Survey*) - The East St. Louis Mound Complex: A Historical Overview
- 9:00 **Michael F. Kolb** (*Strata Morph Geospatial, Inc*) - The Physical and Cultural Landscape Context of Mississippian Archaeological Sites in Metro East St. Louis
- 9:15 **Steven L. Boles** (*Illinois State Archaeological Survey*) and **Lenna Nash** (*Illinois State Archaeological Survey*) - Anthropogenic Landscape Events at the East St. Louis Mound Complex
- 9:30 **Tamira K. Brennan** (*Illinois State Archaeological Survey*) and **Sarah E. Baires** (*Eastern Connecticut State University*) - Ridge-Top Mounds and the East St. Louis Mound Complex
- 9:45 **Sarah Harken** (*Illinois State Archaeological Survey*), **Alleen Betzenhauser** (*Illinois State Archaeological Survey*), **Ross Brady** (*Illinois State Archaeological Survey*), and **Alexandra Freyer** (*Illinois State Archaeological Survey*) - Chronological Implications and External Connections within East St. Louis Ceramics
- 10:00 BREAK
- 10:15 **Alleen Betzenhauser** (*Illinois State Archaeological Survey*) and **Luke Plocher** (*Illinois State Archaeological Survey*) - Early Residents of East St. Louis: Architecture and Community Organization (AD 900–1100)
- 10:30 **Brent Lansdell** (*Illinois State Archaeological Survey*) and **Victoria Rohe** (*Illinois State Archaeological Survey*) - Stirling and Moorehead Phase (AD 1100–1250) Architecture and Community Organization at East St. Louis
- 10:45 **Mary L. Simon** (*Illinois State Archaeological Survey*) - Plant Materials from Burned Structures at the East St. Louis Site
- 11:00 **Daniel F. Blodgett** (*Illinois State Archaeological Survey*) - Monumental Posts at the East St. Louis Mound Complex
- 11:15 **Steven L. Boles** (*Illinois State Archaeological Survey*), **Jenna Ely** (*Illinois State Archaeological Survey*), and **Justin Wallace** (*Illinois State Archaeological Survey*) - Craft Specialization at the East St. Louis Mound Complex
- 11:30 **Lenna Nash** (*Illinois State Archaeological Survey*), **Eve A. Hargrave** (*Illinois State Archaeological Survey*), and **Katharine McDonald** (*Illinois State Archaeological Survey*) - Life and Death at the East St. Louis Mound Complex

## Symposium (4)

### *Hidden in Plain Sight II: Early Nineteenth Century Native American Sites and Material Culture in the Midwest*

Little Chief Room — 8:30–11:15 am

- Organizer: Richard L. Fishel (*Illinois State Archaeological Survey*) and Robert F. Sasso (*University of Wisconsin, Parkside*)
- 8:30 **Richard L. Fishel** (*Illinois State Archaeological Survey*) and **Robert F. Sasso** (*University of Wisconsin, Parkside*) - Introduction to the Hidden in Plain Sight II Symposium
- 8:45 **Lauren W. Ritterbush** (*Kansas State University*) - Identifying and Understanding the Early Kansa along the Kaw, 1790–1825
- 9:00 **Melissa Eaton** (*Metropolitan Community College, Longview*) - Embodying Cultural Representations at Delaware Town
- 9:15 **Larry Grantham** (*Gauss Archaeology, LLC*) - Osage Sites and Archaeology in the 19th Century
- 9:30 **Philip G. Millhouse** (*Illinois State Archaeological Survey*) - Gratiots Grove: Cultural Survival and Negotiation of Place on a Volatile Cultural Frontier
- 9:45 BREAK
- 10:00 **Robert F. Sasso** (*University of Wisconsin, Parkside*) and **Daniel J. Joyce** (*Kenosha Public Museums*) - Two Decades and Change: Challenges and Successes in Identifying the Nature of Early Nineteenth Century Potawatomi Material Culture in Southeastern Wisconsin
- 10:15 **Mark R. Schurr** (*University of Notre Dame*), **Patrick H. Donohue** (*Civil & Environmental Engineering & Earth Sciences, University of Notre Dame*), and **Antonio Simonetti** (*Civil & Environmental Engineering & Earth Sciences, University of Notre Dame*) - Multi-Element Characterization of Early Nineteenth Century Pottery Sherds from Native American and Euro-American Sites
- 10:30 **Robert Mazrim** (*Illinois State Archaeological Survey*) - Some Ephemeral Early Nineteenth Century Native Signatures in Illinois
- 10:45 **Mark J. Wagner** (*Center for Archaeological Investigations, Southern Illinois University*), **Rosemary Bolin** (*Southern Illinois University*), and **Lauren Austin** (*Southern Illinois University*) - Lead Turtles and Engraved Arm Bands: Rethinking the Historic Sauk Occupation at the Crawford Farm Site
- 11:00 **Richard L. Fishel** (*Illinois State Archaeological Survey*) - Investigations at a Probable 1820s Potawatomi Homestead in the Spoon River Valley of West-Central Illinois

## General Session (1)

### *Middle Woodland*

Spartans/Golden Gophers Room — 8:30–11:30 am

- 8:30 **Jason T. Herrmann** (*Center for American Archeology*), **Jason L. King** (*Center for American Archeology*), **Jane E. Buikstra** (*Arizona State University, School of Human Evolution*), and **Taylor H. Thornton** (*Center for American Archeology*) - Geophysical Survey at Golden Eagle, Illinois (11C120)
- 8:45 **Jason L. King** (*Center for American Archeology*), **Jason T. Herrmann** (*Center for American Archeology*), **Jane E. Buikstra** (*Ari-*

- zona State University, School of Human Evolution), and **Taylor H. Thornton** (Center for American Archeology) - Ground-Penetrating Radar Survey and Excavation of the Golden Eagle (11C120) Embankment
- 9:00 **Stuart Nealis** (University of Kentucky) - Results of the 2014 Geoarchaeological Research Investigations of the Portsmouth Earthworks
- 9:15 **Jarrod Burks** (Ohio Valley Archaeology, Inc.) and **Jamie Davis** (Ohio Valley Archaeology, Inc.) - Using Cut/Fill Terrain Models in Archaeology: Exploring Some Applications
- 9:30 **G. Logan Miller** (Ohio History Connection) - Ohio Hopewell Craft Production: Evidence from Microwear Analysis
- 9:45 **Mark L. Madsen** (Chicago Archaeological Society/IAAA) - Pipes, Celestial Legends, Calendars, Snakes, and Measure At the Adler and Utica Mounds
- 10:00 BREAK
- 10:15 **Autumn Beyer** (Illinois State University) - Faunal Analysis of the Kuhne Site: Stuart Struever's 1955–56 Excavation
- 10:30 **Montana Martin** (University of Illinois) and **Adam Sutherland** (University of Illinois) - A Reanalysis of Burial Artifacts from the Havana Mound Group
- 10:45 **Montana Martin** (University of Illinois) - Re-testing the Function of a Middle Woodland Site: Ogden-Fettie
- 11:00 **Sean Stretton** (University of Illinois) - Examining the Expansion of Middle Woodland Havana Materials into the Grand River Valley of Western Michigan
- 11:15 **Dale Tucker** (Illinois State Archaeological Survey) - A Shell of a Journey Into the Crab Orchard Tradition

## General Session (2)

### *Late Woodland*

Fighting Illini Room — 8:30–11:00 am

- 8:30 **Alexey Zelin** (Illinois State Archaeological Survey) - Early Terminal Late Woodland Ceramic Assemblages from the Vaughn Branch Upland Locality in the Northern American Bottom
- 8:45 **James M. Pisell** (Illinois State Archaeological Survey) and **Lauren M. Fitts** (Illinois State Archaeological Survey) - A Comparison of Terminal Late Woodland Bluff Culture Structures
- 9:00 **Adam Sutherland** (University of Illinois) - What Can a Ceramic Type Collection Tell Us about the Snyders Site?
- 9:15 **Brian Adams** (Illinois State Archaeological Survey) - Archaeological Investigations at the Ernat Site (11LS267), LaSalle County, Illinois
- 9:30 **Megan C. Bauerle** (Illinois State University) and **Maria O. Smith** (Illinois State University) - Patterns of Caries in the Middle and Late Woodland of the Mississippi River Valley: An Oral Health Analysis of the Albany and Kuhlman Mound Groups
- 9:45 BREAK
- 10:00 **Deborah L. Neidich** (Illinois State University) and **Maria O. Smith** (Illinois State University) - An Investigation of Teres Minor Insertional Robusticity and its Pattern in a Late Woodland Period Sample from West-Central Illinois
- 10:15 **Kelsey E. Witt** (School of Integrative Biology, University of Illinois), **Kelsey Noack Myers** (Indiana University), and **Elizabeth**

- L. Watts-Malouchos** (*Indiana University*) - Ancient Canine DNA: Implications for Late Woodland and Mississippian (AD 600–1400) Populations and Relatedness
- 10:30 **Lily Malekfar** (*Triton College*) and **Maria Ostendorf Smith** (*Illinois State University*) - The Pattern and Prevalence of Treponemal Disease in the Middle and Late Woodland of North-west Illinois
- 10:45 **Brooke Wamsley** (*Illinois State University*), **Emily Blankenberger** (*Illinois State University*), **Veronica Butterfield** (*Illinois State University*), and **Maria O. Smith** (*Illinois State University*) - Sex Differences in Mechanical Stress in Aspects of the Hip Joint in the Late Woodland Sample from Schroeder Mounds

## Poster Session (1)

*Mississippian, Late Prehistoric, Historic*

Wolverines/Buckeyes Room — 8:30–11:30 am

- 1) **Danielle M. Benden** (*University of Wisconsin, Madison*) and **Robert “Ernie” Boszhardt** (*Independent*) - The Trempealeau Archaeology Project: 2014 Investigations
- 2) **Erin Benson** (*University of Illinois*) - Absorbed Residue Analysis on Ceramics from Three Moorehead Phase Sites in the American Bottom
- 3) **Adam Crane** (*Indiana University*) and **Della Collins Cook** (*Indiana University*) - Implementing the ‘Bioarchaeology of Care’ in the Illinois River Valley: A Case of Juvenile-Onset Ankylosing Spondylitis at Morton Mound 14
- 4) **Justin Wallace** (*Illinois State Archaeological Survey*), **Jenna Ely** (*Illinois State Archaeological Survey*), and **Steven L. Boles** (*Illinois State Archaeological Survey*) - Exotic Projectile Points at ESTL: Distant Connections and Influences
- 5) **Michael G. Farkas** (*Illinois State Archaeological Survey*) - Examining Monks Mound through Aerial LiDAR
- 6) **Dru McGill** (*Glenn A. Black Laboratory of Archaeology, Indiana University*) - Variability within Single Ceramic Vessels and its Implications for Archaeological Interpretations
- 7) **Molly Mesner** (*University of Wisconsin, Madison*) and **Victoria Pagel** (*University of Wisconsin, Madison*) - Comparative Analysis of the 2013-2014 Trempealeau Archaeology Project (TAP): An Examination of Two Distinct Features Within The Uhl Site
- 8) **Elizabeth L. Watts-Malouchos** (*Indiana University*) - Community and Cosmos: New Insights into Mississippian Community Organization in Southwestern Indiana from the Stephan-Steinkamp Site (12PO33)
- 9) **Elizabeth L. Watts-Malouchos** (*Indiana University*), **Samuel Christian** (*Indiana University*), **Lydia Griffiths** (*Indiana University*), **Isabel Osmundsen** (*Indiana University*), **Elizabeth Roetter** (*Indiana University*), and **Chloe Strauss** (*Indiana University*) - Creating Community Through Curation: The Reuse of Middle Woodland Lithic Tools in Mississippian Contexts in Southwestern Indiana
- 10) **Charity F. Upson-Taboas** (*Indiana University*) - Problems Interpreting E. Y. Guernsey’s Excavations of Elrod (12Cl1)
- 11) **Amanda J Butler** (*Illinois State Archaeological Survey*) and **Madeleine G. Evans** (*Illinois State Archaeological Survey*) - Walking

the Orendorf Tightrope: Monumental Efforts for a Monumental Site

- 12) **Adam A Tufano** (*Illinois State Archaeological Survey*) - An Examination of Unique Fisher Site Burial Lithics
- 13) **Michael D. Conner** (*Dickson Mounds Museum*), **Jodie A. O’Gorman** (*Michigan State University*), **Timothy J. Horsley** (*Horsley Archaeological Prospection, LLC*), and **Matthew D. Pike** (*Purdue University*) - Spatial Organization of an Oneota/Mississippian Community
- 14) **Matthew J. Davidson** (*University of Kentucky*) - Pipestone Production, Exchange, and Use at the Fort Ancient Hardin Site, Greenup Co., KY
- 15) **Daniel Amick** (*Loyola University, Chicago*), **Hannah Helminiak** (*Loyola University, Chicago*), **Michelle Kasper** (*Loyola University, Chicago*), **Hannah Patten** (*Loyola University, Chicago*), **Amanda Sorensen** (*Loyola University, Chicago*), **Abigail Stone** (*Loyola University, Chicago*), **John Tednes** (*Loyola University, Chicago*), and **Jamie Witherby** (*Loyola University, Chicago*) - Discovery of an Early to Mid-19th Century Frontier Farmstead (11-MH-115) in Northern Illinois
- 16) **Darlene Applegate** (*Western Kentucky University*), **Derrin Whitehead** (*Western Kentucky University*), and **Kalli Beasley** (*Western Kentucky University*) - Archaeological Evidence of Historic Mining at Temple Hill Saltpeter Cave (15Bn8), Barren County, Kentucky
- 17) **Meghan E. Buchanan** (*Indiana University*), **Dawn M. Rutecki** (*Indiana University*), and **Danielle Bachant-Bell** (*Lord & Bach Preservation Consulting*) - All Cooped Up: Documenting the Chicken Coop at the Hinkle-Garton Farmstead in Bloomington, Indiana
- 18) **Brendan Pelto** (*Michigan Technological University*) - Remembering Clifton - Ceramic Analysis and Iron Conservation from a 19th Century Mining Location in Michigan’s Upper Peninsula
- 19) **Daniel Amick** (*Loyola University, Chicago*) and **Naveen Kanji** (*Loyola University, Chicago*) - Insights about Late 19th and Early 20th Century Households and Urban Lifeways from a Buried Refuse Deposit on the Far Northside of Chicago
- 20) **Alexander Atkinson** (*Michigan Technological University*), **Brendan Pelto** (*Michigan Technological University*), **Eric Pomber** (*Michigan Technological University*), and **Timothy Scarlett** (*Michigan Technological University*) - Experiments in Cost Effective Iron Conservation Techniques At Michigan Technological University
- 21) **Miranda L. Yancey-Bailey** (*Illinois State Archaeological Survey*), **Dale Tucker** (*Illinois State Archaeological Survey*), and **Benjamin Rhode** (*Illinois State Archaeological Survey*) - Mapping an Ancient City: Cartography of the Illinois State Archaeological Survey Investigations at 11S706



FRIDAY AFTERNOON  
OCTOBER 3

**Meeting**

***MAC Board Meeting***

Homewood Suites Conference Room — 12:00–2:00 pm

**Symposium (5)**

*Mark Lynott, a Memorial Symposium*

Hoosiers/Hawkeyes Room — 1:30–4:15 pm

Organizer: Timothy Schilling (*NPS Midwest Archeological Center*)

- 1:30 **N'omi Greber** - Mark Lynott: Manager, Archaeologist and Friend
- 1:45 **Laura Lyon** (*Heartlands Conservancy*), **John Kelly** (*Washington University*), **Suzanne Kutterer-Siburt** (*Mississippian Mound Prehistoric Preservation Project*), and **Ed Weilbacher** (*Heartlands Conservancy*) - Advancing The Mounds - America's First Cities: A Tribute to Mark Lynott
- 2:00 **John Kelly** (*Washington University in St. Louis*) - Contextualizing Mark Lynott's Contributions to Mississippian Archaeology
- 2:15 **Jarrold Burks** (*Ohio Valley Archaeology, Inc.*) - Large-Area Magnetic Survey in Hopewell Culture National Historical Park, Ohio: New Enclosures, Wood Henges, and Strategically Placed Feature Complexes
- 2:30 **Bret Ruby** (*Hopewell Culture National Historical Park*) - The Great Circle Project at Hopewell Mound Group
- 2:45 BREAK
- 3:00 **Rinata Dalan** (*Minnesota State University, Moorhead*) and **Bruce Bevan** (*Geosight*) - Integrating Geophysics and Archaeology: The Legacy of the Hopeton Project
- 3:15 **Rolfe Mandel** (*Kansas Geological Survey, University of Kansas*) - Geoarchaeology of Hopewell Earthworks at Hopeton, South-Central Ohio
- 3:30 **Jim Brown** (*Northwestern University*) - Mark Lynott's Contribution to Understanding the Constructional History of Hopewell Earthworks at Mound City
- 3:45 **Carrie Heitman** (*University of Nebraska, Lincoln*) - Digital Hopewell?
- 4:00 **Timothy Schilling** (*NPS Midwest Archeological Center*), **Jay Sturdevant** (*NPS Midwest Archeological Center*), **Dawn Bringle** (*NPS Midwest Archeological Center*), **Erin Dempsey** (*NPS Midwest Archeological Center*), and **Ann Bauermeister** (*NPS Midwest Archeological Center*) - Past, Present, and Future: Mark Lynott's Contribution to NPS Archeology in the Midwest

## Symposium (6)

### *A Look Around the Lake: Recent Archaeological Investigations in the Lake Koshkonong Region of Southeastern Wisconsin*

Fighting Illini Room — 1:30–4:00 pm

Organizers: Richard W. Edwards IV (*University of Wisconsin, Milwaukee*), Katherine Sterner-Miller (*University of Wisconsin, Milwaukee*), and Robert J. Jeske (*University of Wisconsin, Milwaukee*)

- 1:30 **Robert A. Birmingham** (*University of Wisconsin, Waukesha*) - Seventeenth Century French Trade Goods from the Crabapple Point Site: A Possibility for a Historic Period Oneota Component on Lake Koshkonong
- 1:45 **Rachel C. McTavish** (*University of Wisconsin, Milwaukee*) and **Richard W. Edwards IV** (*University of Wisconsin, Milwaukee*) - An Analysis of Variation in Oneota Watershed Exploitation in the Lake Koshkonong Locality
- 2:00 **Seth A. Schneider** (*University of Wisconsin, Milwaukee*) - Economic, Social, and Political, Interaction among Oneota Localities in Eastern Wisconsin: A Ceramic Analysis
- 2:15 **Natalie Carpiaux** (*University of Wisconsin, Milwaukee*) and **Richard W. Edwards IV** (*University of Wisconsin, Milwaukee*) - Koshkonong Creek Ceramics: A Preliminary Pottery Analysis
- 2:30 **Rebecca Torgerson** (*University of Wisconsin, Milwaukee*), **Richard W. Edwards IV** (*University of Wisconsin, Milwaukee*), and **Katherine Sterner-Miller** (*University of Wisconsin, Milwaukee*) - Retracing Old Footsteps: A Recent Pedestrian Survey at the Bent Elbow Farm
- 2:45 BREAK
- 3:00 **Richard W. Edwards IV** (*University of Wisconsin, Milwaukee*) - Digging Deep for Answers: 2014 Excavations at the Koshkonong Creek Village (47JE379)
- 3:15 **Robert Ahlrichs** (*University of Wisconsin, Milwaukee*) and **Katherine Sterner-Miller** (*University of Wisconsin, Milwaukee*) - A Preliminary Analysis of Lithics from the Koshkonong Creek Village Site (47JE379)
- 3:30 **Katherine Sterner-Miller** (*University of Wisconsin, Milwaukee*) - Another Piece of the Puzzle: Ongoing Excavations at the Crescent Bay Hunt Club Oneota Site (47JE904)
- 3:45 **Robert J. Jeske** (*University of Wisconsin, Milwaukee*) - Violence in the Wisconsin Oneota World: New Evidence from Lake Koshkonong

## General Session (3)

### *Late Prehistoric (Fort Ancient, Oneota)*

Little Chief Room — 1:30–3:45 pm

- 1:30 **Aaron Comstock** (*Ohio State University*) and **Robert Cook** (*Ohio State University*) - A Preliminary Reinvestigation of Turpin (33HA19), the Newtown Type Site
- 1:45 **Matthew J. Davidson** (*University of Kentucky*) - "The Greatest [Traders] in America": Protohistoric Fort Ancient Extra-Regional Interaction at the Hardin Site, Greenup Co., KY

- 2:00 **Robert A. Genheimer** (*Cincinnati Museum Center*) - Temper and the Big Pit: Evolution of Temper at the Late Woodland and Late Prehistoric Hahn Site near Cincinnati, Ohio
- 2:15 **Christopher Carr** (*Arizona State University*) and **Christopher Caseldine** (*Arizona State University*) - Archaeology of Prehistoric Woodland and Plains Native American Cosmologies of Death: An Ethnohistorical Foundation
- 2:30 BREAK
- 2:45 **Nikki Silva** (*Michigan State University*), **Jodie O’Gorman** (*Michigan State University*), and **Michael Conner** (*Dickson Mounds Museum*) - Implications of Recent Radiocarbon Dating at Norris Farms 36 Cemetery
- 3:00 **Jasmine C. Koncur** (*Minnesota State University, Mankato*) - The McClelland Site (21GD258) and the Oneota Tradition in the Red Wing Region of Minnesota
- 3:15 **Robert G. McCullough** (*Illinois State Archaeological Survey*) - Functional Changes in Late Prehistoric Enclosures in Indiana
- 3:30 **Nicole Geske** (*Michigan State University*) - Digging the Archives

### General Session (4)

#### *Mississippian*

Spartans/Golden Gophers Room — 1:30–4:15 pm

- 1:30 **Rebecca M. Barzilai** (*Indiana University*) - Investigating the Edelhardt-Lohmann Moment: Indications from the Ceramic Assemblage From Recent Excavations at the Emerald Site (11S1) in Lebanon, IL
- 1:45 **Jeff Kruchten** (*University of Illinois*) - Water Symbolism and Closing Emerald
- 2:00 **B. Jacob Skousen** (*University of Illinois*) - Ground-Truthing the Emerald Avenue
- 2:15 **Joel Lennen** (*University of Illinois*) and **Leslie Drane** (*Indiana University*) - Ceramic Analysis of Lunsford-Pulcher Assemblage
- 2:30 **Samuel E. Munoz** (*Department of Geography, University of Wisconsin, Madison*), **Kristine E. Gruley** (*Department of Geography, University of Wisconsin, Madison*), **Ashtin Massie** (*Department of Geography, University of Wisconsin, Madison*), **Sissel Schroeder** (*University of Wisconsin, Madison*), and **John W. Williams** (*Department of Geography, University of Wisconsin, Madison*) - Forests, Fields, and Floods: An Environmental (Pre)history of the Cahokia Region
- 2:45 BREAK
- 3:00 **Erica L. Ausel** (*Indiana University*) - Sweat the Small Stuff: How the Examination of Isolated Human Remains is Key to Interpreting Past Behaviors and Taphonomic Processes
- 3:15 **Sarah Baylor** (*Illinois State University*) - Dickson Mounds and Eveland: Nodal Center on the Illinois River Valley
- 3:30 **Michael D. Conner** (*Dickson Mounds Museum*) - Why Did They Build It? Archaeological Context of a Large Mississippian Structure near Dickson Mounds
- 3:45 **Jake F. Pfaffenroth** (*University of Wisconsin, Madison*) - One Wall, Two Walls, Old Wall, New: Palisade Replacement and Reconfiguration at Aztalan

4:00 **Rachel C McTavish** (*University of Wisconsin, Milwaukee*) and **Elissa B. Hulit** (*Commonwealth Cultural Resources Group, Inc.*) - An Examination of the "Princess Burial" Beads collection at the Milwaukee Public Museum

### **Poster Symposium (1)**

*Late Pre-Columbian Environmental Change, Settlement Histories, and Agricultural Impacts: Results of the 2014 Angel Mounds NSF REU Program*

Wolverines/Buckeyes Room — 1:30–4:30 pm

Organizer: **Jeremy Wilson** (*Indiana University-Purdue University of Indianapolis*)

- 1) **Matthew Pike** (*Purdue University*) and **Jeremy Wilson** (*Indiana University-Purdue University of Indianapolis*) - Mounds from Thorn and Ivy: A Magnetometry Survey of Lawrenz Gun Club (11Cs4)
- 2) **Savanna Johnson** (*Emory University*), **Edward Herrmann** (*Department of Geological Sciences, Indiana University*), **G. William Monaghan** (*Indiana Geological Survey*), **Mark R. Schurr** (*University of Notre Dame*), and **Matthew D. Pike** (*Purdue University*) - Mississippian High Ground: Human Transformation of the Landscape at Lawrenz Gun Club
- 3) **Haley Burkhardt** (*University of Wisconsin, Madison*), **Jeremy Wilson** (*Indiana University-Purdue University of Indianapolis*), **Matthew Pike** (*Purdue University*), **Erica Ausel** (*Indiana University, Bloomington*), and **G. William Monaghan** (*Indiana Geological Survey*) - A Palisade Construction Chronology for Lawrenz Gun Club Its Implication for Late Pre-Columbian Warfare in West-Central Illinois
- 4) **Ashley Packard** (*Center for Mountain and Plains Archaeology*), **Edward Herrmann** (*Department of Geological Sciences, Indiana University*), **G. William Monaghan** (*Indiana Geological Survey*), **Aaron Stump** (*Indiana University-Purdue University of Indianapolis*), and **Matthew Pike** (*Purdue University*) - Terraforming and the Human-modified Landscape at the Lawrenz Gun Club Site (11Cs4)
- 5) **Eliza Kane** (*Earth Sciences, University of Maine*), **Kristen Twidt** (*North Carolina State University*), **Jessica Adamic** (*Indiana University-Purdue University of Indianapolis*), and **Gabriel Filippelli** (*Indiana University-Purdue University of Indianapolis*) - The Geochemistry and Historical Ecology of a Burnt Mississippian House at the Lawrenz Gun Club Site
- 6) **Aaron Stump** (*Indiana University-Purdue University of Indianapolis*), **Gloria Thomas** (*University of Texas-Pan American*), **Broxton Bird** (*Indiana University-Purdue University of Indianapolis*), **Jessica Adamic** (*Indiana University-Purdue University of Indianapolis*), **Gabriel Filippelli** (*Indiana University-Purdue University of Indianapolis*), **Owen Rudloff** (*Indiana University-Purdue University of Indianapolis*), and **Lucas Stamps** (*Indiana University-Purdue University of Indianapolis*) - Developing a Flood History Model for the Ohio River Valley during the Late Holocene; A Comparative Analysis of Hovey and Avery Lakes

- 7) **Ryan Walsh** (*Eastern Kentucky University*), **Tara Miller** (*Williams College*), **Aaron Stump** (*Indiana University-Purdue University of Indianapolis*), **Owen Rudloff** (*Indiana University-Purdue University of Indianapolis*), **Lucas Stamps** (*Indiana University-Purdue University of Indianapolis*), **Jessica Adamic** (*Indiana University-Purdue University of Indianapolis*), **Broxton Bird** (*Indiana University-Purdue University of Indianapolis*), and **William Gilhooly** (*Indiana University-Purdue University of Indianapolis*) - Potential Evidence of Human Activity and Agricultural Practices in Ohio River Valley Lake Sediments

## Poster Session (2)

### *Paleoindian, Archaic, Woodland*

Wolverines/Buckeyes Room — 1:30–4:30 pm

- 8) **Jenny Benish** (*Illinois State Archaeological Survey*) and **Amanda Douglas** (*Illinois State Archaeological Survey*) - Preserving a Sacred Site Inside an Urban Landscape: The Gougar Site (11WI64)
- 9) **Aimee Carbaugh** (*Illinois State Archaeological Survey*) and **Brent Lansdell** (*Illinois State Archaeological Survey*) - The Archaic Mortuary Component at the Broglio Site (11WM80), Williamson County, Illinois
- 10) **Jaremy Cobble** (*Wisconsin Archeological Society*) - The Kraemer I Site (47Sb224): A Multi-Component Habitation Site in the Sheboygan River Watershed of East-Central Wisconsin
- 11) **Matthew Neff** (*Iowa State University*) - Application of Geographic Information Systems to Site Structural Analysis
- 12) **Chris Widga** (*Illinois State Museum*), **Stacey Lengyel** (*Illinois State Museum*), **Jeff Saunders** (*Illinois State Museum*), **Greg Hodgins** (*AMS Laboratory, University of Arizona*), **Kayla Kolis** (*Illinois College*), **Doug Walker** (*Department of Geology, University of Kansas*), and **Al Wanamaker** (*Department of Earth Sciences, Iowa State University*) - Mammoths and Mastodons in the Great Lakes: New Data on the Chronology and Paleocology of Extinction
- 13) **Rebecca L. Hummel** (*University of Kentucky*) - Continued Geophysical Investigations at Walker-Noe (15GD56)
- 14) **Grace Ward** (*Center for American Archeology*), **Alison Shepherd** (*Center for American Archeology*), **Jennifer E. Pirtle** (*University of Tulsa*), **Katie Leslie** (*Center for American Archeology*), **Carol E. Colaninno** (*Center for American Archeology*) - Analysis of a Middle Woodland Habitation Midden Located in the Lower Illinois River Valley
- 15) **Andrew Weiland** (*The Ohio State University*) - Paleoecology of Vacant Centers: Preliminary Paleoethnobotany at the Great Circle of Hopewell Mound Group
- 16) **Timothy Everhart** (*University of Michigan*) and **Robert Cook** (*Ohio State University*) - Investigating the Placement of Hopewell Earthworks: A GIS Spatial Analysis of Ross County, Ohio
- 17) **Jacque Dinnes** (*The University of Northern Iowa*) - Preliminary Faunal Analysis of Cave Site in East Central Iowa

- 18) **James Montney** (*Commonwealth Cultural Resources Group*) and **Sean Dunham** (*Chippewa National Forest*) - Late Woodland Site Predictive Model for the Hiawatha National Forest
- 19) **Jaclyn Ann Skinner** (*Minnesota State University, Mankato*) - Late Woodland Pottery in Red Wing, MN

### MAC Student Workshop

*MAC Student Workshop:  
Current Issues in Midwestern Archaeology*

Little Chief Room — 4:15–5:30 pm

Organizers: Aaron Comstock and Andrew Upton

Moderators: Erin Benson and Autumn Beyer

MAC Board Liaison: Robert Cook

Panelists: Melissa Baltus, Meghan Buchanan, John Doershuk, Shannon Fie, Timothy Pauketat, and Michael Wiant

### IAAA Board Meeting

Homewood Suites Conference Room — 4:00–5:00 pm

### MAC Reception

Little Chief Room — 5:30–9:00 pm  
Cash Bar – Free Beer and Appetizers



SATURDAY MORNING

OCTOBER 4

### Symposium (7)

*Recent Archaeological Research in the Great Lakes Region*

Little Chief Room — 8:00–10:15 am

Organizer: Fernanda Neubauer (*University of Wisconsin, Madison and CAPES Foundation*)

8:00 **Kathryn Egan-Bruhy** (*Commonwealth Cultural Resources Group*) and **Mark Bruhy** (*Commonwealth Cultural Resources Group*) - Prehistoric Subsistence Adaptation in the Upper Great Lakes: A Perspective from Butternut-Franklin Lakes

8:15 **Fernanda Neubauer** (*University of Wisconsin, Madison and CAPES Foundation*) - Late Archaic Hunter-Gatherer Lithic Technology, Subsistence, and Settlement Practices on Grand Island, Michigan

8:30 **Susan Kooiman** (*Michigan State University*) - "Winter is Coming": A Preliminary Analysis of Pottery Use and Cooking at the Middle Woodland Winter Site

8:45 **Sean Dunham** (*Chippewa National Forest*) - Hunter-Gatherer Mobility Strategies: A Late Woodland Example from the Upper Peninsula of Michigan

9:00 BREAK

9:15 **Michael J. Hambacher** (*Commonwealth Cultural Resources Group*), **James A. Robertson** (*Michigan Department of Trans-*

- portation), and **Randall J. Schaetzl** (*Department of Geography, Michigan State University*) - Late Prehistoric Food Choices in the Upper Great Lakes Region: Evidence from 20OT283 and 20OT3 in the Lower Grand River Valley of Michigan
- 9:30 **Kjersti E. Emerson** (*Illinois State Archaeological Survey, University of Illinois*) and **Thomas Emerson** (*Illinois State Archaeological Survey, University of Illinois*) - Dismantling the Fisher-Huber Evolutionary Continuum
- 9:45 **John G. Franzen** (*Volunteer- USDA Forest Service*), **Terrance J. Martin** (*Illinois State Museum*), and **Eric C. Drake** (*USDA Forest Service*) - Faunal Remains from Three Historic Period Maple Sugar Camps in Michigan's Upper Peninsula
- 10:00 Discussant; **James M. Skibo** (*Illinois State University*)

## Symposium (8)

### *Science and Religion in Archaeology: The Legacy of Thomas E. Emerson*

Hoosiers/Hawkeyes Room — 8:00 am–12:00 pm

- Organizers: Timothy R. Pauketat (*University of Illinois*) and Brad H. Koldehoff (*Illinois Department of Transportation*)
- 8:00 **Timothy R. Pauketat** (*University of Illinois*) and **Brad H. Koldehoff** (*Illinois Department of Transportation*) - From BBB to the Black Drink: Thomas E. Emerson and the Archaeology of Religion
- 8:15 **Brad H. Koldehoff** (*Illinois Department of Transportation*) and **Thomas J. Loebel** (*Illinois State Archaeological Survey*) - Resource or Ritual? The Role of Lithic Caches in the Colonization and Socialization of Midwestern Landscapes
- 8:30 **Mark J. Wagner** (*Center for Archaeological Investigations, Southern Illinois University*), **Go Matsumoto** (*Southern Illinois University*), **Kayeleigh Sharp** (*Southern Illinois University*), **Mary R. McCorvie** (*U.S. Forest Service*), and **Heather Carey** (*U.S. Forest Service*) - The Power of Place: Ritual Landscapes and Rock Art within Southern Illinois
- 8:45 **William F. Romain** (*Newark Earthworks Center, Ohio State University*) - Ancient Astronomers of the Eastern Woodlands: Watson Brake to Cahokia
- 9:00 **John D. Richards** (*University of Wisconsin, Milwaukee*) and **Thomas J. Zych** (*University of Toledo*) - Making a Mound, Building a Community: Late Woodland/Mississippian Ritual Syncretism at the Aztalan Site
- 9:15 **Michael L. Hargrave** (*U.S. Army Construction Engineering Research Laboratory*), **R. Berle Clay** (*Cultural Resource Analysts, Inc.*), **Diana Greenlee** (*Poverty Point National Monument*), and **Rinita Dalan** (*Minnesota State University Moorhead*) - Prehistoric Post Circles in the Midwest and Southeast: Uses and Detection Biases
- 9:30 **Kristin M. Hedman** (*Illinois State Archaeological Survey/Program on Ancient Technologies and Archaeological Materials*) and **Eve A. Hargrave** (*Illinois State Archaeological Survey/Prairie Research Institute*) - Cahokia Mound 72: Reinterpreting Meaning
- 9:45 **Susan Alt** (*Indiana University*) - Putting Religion Ahead of Politics: Cahokian Origins Viewed Through Emerald's Shrines

- 10:00 BREAK
- 10:15 **Melissa Baltus** (*University of Toledo*) - From Caches to Offerings: Intentionally Deposited Objects in Mississippian Buildings
- 10:30 **Gregory D. Wilson** (*University of California, Santa Barbara*) and **Brian Geiger** (*University of California, Santa Barbara*) - The History of Warfare, Ritual, and Community Formation in the 13th Century Central Illinois River Valley
- 10:45 **Christina Friberg** (*University of California, Santa Barbara*) - Cosmic Negotiations: Ramey Incised Pottery and the Mississippianization of Cahokia's Northern Hinterlands
- 11:00 **Jessica R. Miller** (*University of South Florida*) - Carbonization Evidence in Powell Plain and Ramey Incised Vessels Supports Ritual Drink Hypothesis
- 11:15 **Katie Parker** (*Archaeobotany*) and **Mary L. Simon** (*Illinois State Archaeological Survey*) - The Central Role of Plants in Mississippian Feasting and Public Ritual
- 11:30 **Steven R. Kuehn** (*Illinois State Archaeological Survey*) - Looking Beyond Diet: Faunal Remains and Ritual Behavior in the American Bottom
- 11:45 **Duane Esarey** (*Illinois State Archaeological Survey*) - Investigating Routinized Production of Symbolic Paraphernalia in the Colonial Northeast

### General Session (5)

#### *Historic*

Spartans/Golden Gophers Room — 8:00–9:30 am

- 8:00 **William Balco** (*Northern Illinois University*) and **Jennifer Picard** (*University of Wisconsin, Milwaukee*) - Exploring the Pioneer Experience: Preliminary Report of 2014 Excavations at 47WP294 (McHugh), Waupaca County, Wisconsin
- 8:15 **Jennifer L. Picard** (*University of Wisconsin, Milwaukee*) and **Brooke L. Drew** (*University of Wisconsin, Milwaukee*) - Flat Glass and Family Treasures: A Preliminary Analysis of the Artifact Assemblage from the McHugh site (47WP294), a 19th Century Irish Farmstead in Waupaca County, Wisconsin
- 8:30 **George Calfas** (*US Army Construction Engineering Research Laboratory*), **Susan Enscoe** (*US Army Construction Engineering Research Laboratory*), and **Carey Baxter** (*US Army Construction Engineering Research Laboratory*) - A Landscape Approach to Determining Significance of 19th and 20th Century Farmsteads and Rural Communities
- 8:45 **Shawn Fields** (*University of Illinois*) - Navigating through Springfield's Underground Railroad: Excavations at the Jameson Jenkins Lot
- 9:00 **Michael Strezewski** (*University of Southern Indiana*) - Excavations at a Kickapoo Village Adjacent to Fort Ouiatenon, Tippecanoe County, Indiana
- 9:15 **Heather Walder** (*University of Wisconsin, Madison*) - The (Real) Value of Scrap Metal: Identifying Regional Variation through Analysis of Historic "Kettle Scrap" and Objects Made from It

## General Session (6)

### *Community Outreach and Cultural Resources Management*

Spartans/Golden Gophers Room — 10:00–11:45 am

- 10:00 **Paula J. Porubcan** (*Illinois State Archaeological Survey*) - Partnering with the Forest Preserve District of Cook County Archaeological Resource and Landscape Preservation In the Windy City
- 10:15 **Paula Bryant** (*Illinois State Archaeological Survey*) - Partnering with the Forest Preserve District of Cook County: Modeling Archaeological Site and Landscape Sensitivity for Effective Resource Management
- 10:30 **Ed Jakaitis** (*Illinois State Archaeological Survey*) - Cultural Heritage Management at the Indian Hill Manor NRHD in Northern Illinois: Results of Programing and Early Implementation
- 10:45 **Peter J. Geraci** (*Illinois State Archaeological Survey*) - The Benefits of Public Outreach: Examples from the Illiana Corridor Project in Will County, IL
- 11:00 **Carey L. Baxter** (*US Army Construction Engineering Research Laboratory*) - The Use of Historic Human Remains Detection (HHRD) Dogs to Locate Unmarked Grave Sites
- 11:15 **Alison Kuzj** (*U.S. Fish and Wildlife Service*), **Arianna Elm** (*U.S. Fish and Wildlife Service*), and **James Myster** (*U.S. Fish and Wildlife Service*) - Museum Property in the U.S. Fish and Wildlife Service, Midwest Region
- 11:30 **Charles Peliska, Chris Chroninger, Peer Halvorsen, and Kim Harrison** - Identifying Problems and Solutions in Contemporary Cultural Resource Management

## General Session (7)

### *Paleoindian, Archaic*

Little Chief Room — 10:30–11:15 am

- 10:30 **Richard H. Kubicek** (*Cultural Resource Management Services, University of Wisconsin, Madison, Cultural Resource Management Services*) and **Zachary R. Stencil** (*University of Wisconsin, Madison*) - Report of Investigations of Site 47JE1140 – Lee Rickerman
- 10:45 **Timothy Boyd** (*Illinois State Archaeological Survey*), **Aimee N. Roberts** (*Illinois State Archaeological Survey*), and **David J. Nolan** (*Illinois State Archaeological Survey*) - Exploring Late Archaic Systematics in the LaMoine River Valley of West Central Illinois
- 11:00 **Larry Kinsella** - Sticks-N-Stones: Experiments in Bannerstone Perforation

## Poster Symposium (2)

### *Learning in Action: Student Centered Research at the Applied Anthropology Laboratories 2010-2014*

Wolverines/Buckeyes Room — 8:00–11:00 am

Organizer: Kevin C. Nolan (*Applied Anthropology Laboratories, Ball State University*)

- 1) **Amber J. Yuellig** (*Applied Anthropology Laboratories, Ball State University*), **Christine K. Thompson** (*Ball State University*), and **Kevin C. Nolan** (*Applied Anthropology Laboratories, Ball State University*) - Applied Anthropology Laboratories Student Involvement Over Time
- 2) **Christine K. Thompson** (*Ball State University*), **Josh Donaldson** (*Ball State University*), and **Bradley R. Painter** (*Ball State University*) - The Battles of Fort Recovery: Continuing Education and Preservation of a Northwest Indian Wars Battlefield
- 3) **Matthew R. Swihart** (*Applied Anthropology Laboratories, Ball State University*), **Erin Steinwachs** (*Ball State University*), and **Kevin C. Nolan** (*Applied Anthropology Laboratories, Ball State University*) - Siteless Survey in Dearborn County, Indiana
- 4) **Kevin C. Nolan** (*Applied Anthropology Laboratories, Ball State University*), **Matthew R. Swihart** (*Applied Anthropology Laboratories, Ball State University*), and **Bradley R. Painter** (*Ball State University*) - Geochemical Analysis of Possible Garden Sites in Hamilton County, Indiana
- 5) **Joseph R. Miller** (*Cultural Resource Analysts, Inc.*), **Kevin C. Nolan** (*Applied Anthropology Laboratories, Ball State University*), **Christine K. Thompson** (*Ball State University*), and **Mark A. Hill** (*Ball State University*) - Logistical and Residential Mobility in Blackford County, Indiana
- 6) **Kevin C. Nolan** (*Applied Anthropology Laboratories, Ball State University*), **Shelbi M. Long** (*Ball State University*), and **Amber J. Yuellig** (*Applied Anthropology Laboratories, Ball State University*) - Descriptive Model of Site Distributions near the Proposed Mounds Lake Reservoir, Madison and Delaware Counties, Indiana
- 7) **Oliver T. Firestone** (*Ball State University*) and **Kevin C. Nolan** (*Applied Anthropology Laboratories, Ball State University*) - Analysis of Ceramic Manufacturing at the Reinhardt Site (33PI880), Pickaway County, Ohio
- 8) **Christine K. Thompson** (*Ball State University*), **Cailin E. Murray** (*Ball State University*), **S. Homes Hogue** (*Ball State University*), **Oliver T. Firestone** (*Ball State University*), and **Caitlin E. Nichols** (*Ball State University*) - Tribal Collaborations in the Lower Great Lakes: NAGPRA Compliance at Ball State University
- 9) **Colin L. Macleod** (*Ball State University*) - A Compositional Covariant Method for Sourcing Indiana Chert
- 10) **Christine K. Thompson** (*Ball State University*), **Mark D. Groover** (*Ball State University*), **Mark A. Hill** (*Ball State University*), and **Deborah Hollon** (*Ball State University*) - The Battles of Fort Recovery: Identification and Future Protection of a Northwest Indian Wars Battlefield
- 11) **Kevin C. Nolan** (*Applied Anthropology Laboratories, Ball State University*) and **Matthew R. Swihart** (*Applied Anthropology Laboratories, Ball State University*) - Geochemical and Geophysical Intra-site Activity Pattern Analysis in Dearborn County, Indiana
- 12) **Kevin C. Nolan** (*Applied Anthropology Laboratories, Ball State University*) and **Matthew R. Swihart** (*Applied Anthropology Laboratories, Ball State University*) - Siteless Survey in Hamilton County, Indiana

- 13) **Erin A. Steinwachs** (*Ball State University*) and **Kevin C. Nolan** (*Applied Anthropology Laboratories, Ball State University*) - Spatial Analysis of Artifact Distributions at 12D491, a Late Prehistoric Village Site in Dearborn County, Indiana
- 14) **Colin Macleod** (*Ball State University*), **Emily Murray** (*Ball State University*), and **Christine K. Thompson** (*Ball State University*) - Archaeological Surveys in a Data Deficient Region: Surface Archaeological Distributions in Montgomery County, Indiana

### Poster Session (3)

#### *Community Outreach*

Wolverines/Buckeyes Room — 8:00–11:00 am

- 15) **Matthew G. Hill** (*Iowa State University*), **Christopher C. Widga** (*Illinois State Museum*), and **Marlin F. Hawley** (*Independent Scholar*) - A Cautionary Note on the Discovery of “Old Bones” in Walworth County, Wisconsin
- 16) **April K. Sievert** (*Glenn A. Black Laboratory of Archaeology, Indiana University*), **Heather Alvey** (*Glenn A. Black Laboratory of Archaeology, Indiana University*), **Carey Beam** (*Glenn A. Black Laboratory of Archaeology, Indiana University*), and **Sharon Wise** (*Glenn A. Black Laboratory of Archaeology, Indiana University*) - Indiana University’s Wylie House Museum and Archaeology in Current Social Contexts
- 17) **Chad Ryan Thomas** (*University of Southern Indiana*), **Haley Tallman** (*Angel Mounds State Historic Park*), and **Heather Stone** (*Angel Mounds State Historic Park*) - Thinking Outside the Sandbox: Teaching the Whole Process of Archaeology
- 18) **Meghan E. Buchanan** (*Indiana University*), **Cailey Mullins** (*Indiana University*), **Catherine Qualls** (*Indiana University*), **Amanda Klenk** (*Simmons College*), **Megan Dunphy** (*Indiana University*), and **Emma Woodruff** (*Indiana University*) - Rehousing the Glenn A. Black Laboratory of Archaeology Comparative Collections
- 19) **Joshua Wells** (*Indiana University, South Bend*), **Andrew White** (*Grand Valley State University*), **Eric Kansa** (*Open Context*), **Sarah Kansa** (*Alexandria Archive Institute*), **Stephen J. Yerka** (*University of Tennessee, Knoxville*), **David Anderson** (*University of Tennessee, Knoxville*), **Thaddeus Bissett** (*University of Tennessee, Knoxville*), **Kelsey Noack Myers** (*Indiana University*), and **R. Carl DeMuth** (*Indiana University*) - Changing Households and Rising Seas: Two Perspectives on the Potential of Using the Digital Index of North American Archaeology (DINAA) to Link Datasets



SATURDAY AFTERNOON  
OCTOBER 4

**Symposium (9)**

*Exploring the Complexity of Midwest Urban Life  
through Historical Archaeology*

Little Chief Room — 1:00–4:00 pm

- Organizers: Claire P. Dappert (*Illinois State Archaeological Survey*),  
Dwayne L. Scheid (*Illinois State Archaeological Survey*), Mark  
Branstner (*Illinois State Archaeological Survey*)
- 1:00 **Claire P. Dappert** (*Illinois State Archaeological Survey*) and  
**Dwayne L. Scheid** (*Illinois State Archaeological Survey*) - Dis-  
covering Late Victorian East St. Louis: Urban Archaeology and  
the New Mississippi River Bridge Project
- 1:15 **Martha Mihich** (*Illinois State Archaeological Survey*) and  
**Claire P. Dappert** (*Illinois State Archaeological Survey*) - Walk-  
ing in Their Shoes: A Late Victorian Shoe Assemblage from the  
New Mississippi River Bridge Project in East St. Louis
- 1:30 **Robert W. Rohe** (*Illinois State Archaeological Survey*) - For  
Medicinal Purposes: Health and Wellness at a Turn of the  
Century Boarding House
- 1:45 **Patrick R. Durst** (*Illinois State Archaeological Survey*) - Under-  
standing Rural and Urban Privy Vaults: An Overview of their  
Utilization and Morphological Transformation Through Time
- 2:00 **Michael J. Meyer** (*Missouri Department of Transportation*) -  
Saint Louis on the Frontier: A Preliminary Analysis of a French  
Trading Center
- 2:15 **Meredith Hawkins Trautt** (*Archaeological Research Center of  
St. Louis, Inc.*) - Investigations into a Turn of the 20th Century  
Working Class Neighborhood in the City of St. Louis, Missouri
- 2:30 BREAK
- 2:45 **Joe Harl** (*Archaeological Research Center of St. Louis, Inc.*) -  
Comparisons of Rural and Urban Sites at the Start of the 20th  
Century in Eastern Missouri
- 3:00 **John P. McCarthy** (*Independent Scholar*) - Archaeoparasitolo-  
gy of Late 19th/Early 20th Century Minneapolis
- 3:15 **Misty M. Jackson** (*Arbre Croche Cultural Resources*) - Nine-  
teenth Century Saginaw: Frontier Fur Trade Town to Midwest  
Logging Center
- 3:30 **Kevin Cupka Head** (*Cultural Resource Analysts, Inc.*) - Uncover-  
ing the Old Prison South: Exploring Antebellum Institutional  
Confinement in Southern Indiana
- 3:45 **Tanya A. Faberson** (*Cultural Resource Analysts, Inc.*) and **Kevin  
Cupka Head** (*Cultural Resource Analysts, Inc.*) - Before the  
Bridges: Urban Archaeology in Jeffersonville, Indiana

## Symposium (10)

### *Early Holocene Hunter-Gatherers of the Western Great Lakes*

Hoosiers/Hawkeyes Room — 1:00–4:30 pm

- Organizers: Thomas J. Loebel (*Illinois State Archaeological Survey*) and John Lambert (*University of California, Davis*)
- 1:00 **Daniel J. Joyce** (*Kenosha Public Museums*) - The Vikings and Columbus were Fashionably Late: Pre-Clovis, the Western Great Lakes, and the Peopling of North America
- 1:15 **Dillon Carr** (*Grand Rapids Community College*) - Household Organization and Band Composition during the Great Lakes Paleoindian Period
- 1:30 **Don Simons** (*Michigan Archaeological Society*) - An Update on the Late Pleistocene Gainey and Butler Sites and Related Subjects
- 1:45 **Ed Herrmann** (*Glenn A. Black Laboratory of Archaeology*) - Using Geoarchaeology to Model Paleoindian Presence in Floodplains
- 2:00 **Ashley K. Lemke** (*Museum of Anthropological Archaeology, University of Michigan*), **John M. O'Shea** (*University of Michigan*), and **Lisa Sonnenburg** (*University of Michigan*) - Hunters and Hunting on the Alpena-Amberley Ridge: Underwater Archaeology in Lake Huron
- 2:15 **Susan Mulholland** (*Duluth Archaeology Center, LLC*) and **Stephen Mulholland** (*Duluth Archaeology Center, LLC*) - A Good Beginning: Early Paleoindian Occupation in Northeastern Minnesota
- 2:30 BREAK
- 2:45 **Stephen Mulholland** (*Duluth Archaeology Center, LLC*) and **Susan Mulholland** (*Duluth Archaeology Center, LLC*) - The Late Paleoindian Occupation in Northeastern Minnesota
- 3:00 **Ryan J. Howell** (*CEMML-CSU-Fort McCoy, WI*) - New Findings on Late Paleo-Indian Lithic Technology and Lithic Resource Utilization in Western Wisconsin
- 3:15 **Robert Legg** (*Northern Michigan University*) - An Environmentally-Based Site Location Model of Paleoindian Settlement in the Upper Peninsula of Michigan
- 3:30 **John M. Lambert** (*University of California, Davis*) - A New Perspective on the North Lakes: Early Holocene Hunter-Gatherer Mobility in Northern Wisconsin
- 3:45 **Thomas J. Loebel** (*Illinois State Archaeological Survey*) - Stilwell II: A Buried Early Archaic Site in Pike County, Illinois
- 4:00 **Christopher C. Widga** (*Illinois State Museum*), **Dennis Lawler** (*Illinois State Museum*), and **Michael Wiant** (*Dickson Mounds Museum*) - The Earliest Domesticated Dogs in the Midcontinent: Chronology, Morphology, and Paleopathology of Dogs from the Koster and Stilwell Sites, Calhoun County, IL
- 4:15 Discussant; **Matthew G. Hill** (*Iowa State University*)

## Meeting

### *MAC Business Meeting*

Little Chief Room — 4:30–5:30 pm



SATURDAY EVENING  
OCTOBER 4

**MAC Banquet**

October 4, Saturday, 5:30–9:00 pm

Fighting Illini/Spartans/Golden Gophers Room

Cash Bar, 5:30 pm

Dinner, 6:30 pm

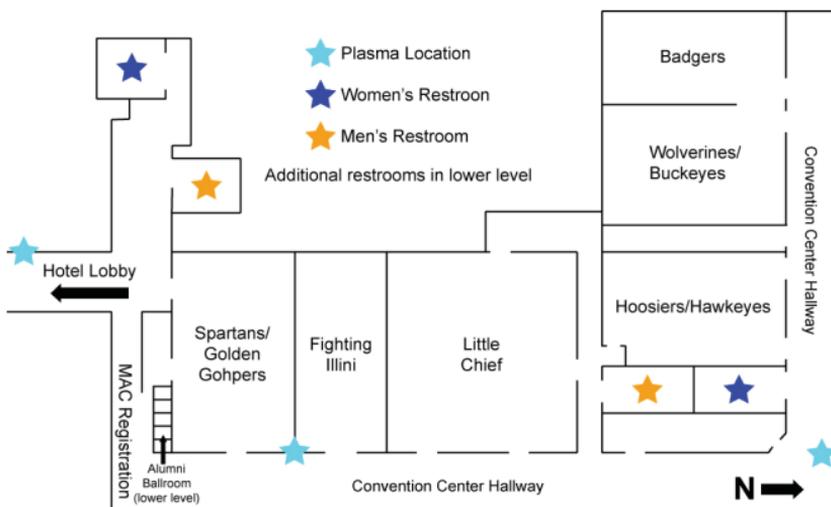
Keynote Speaker, 7:30 pm

**Dr. Martin Carver**, *University of York*

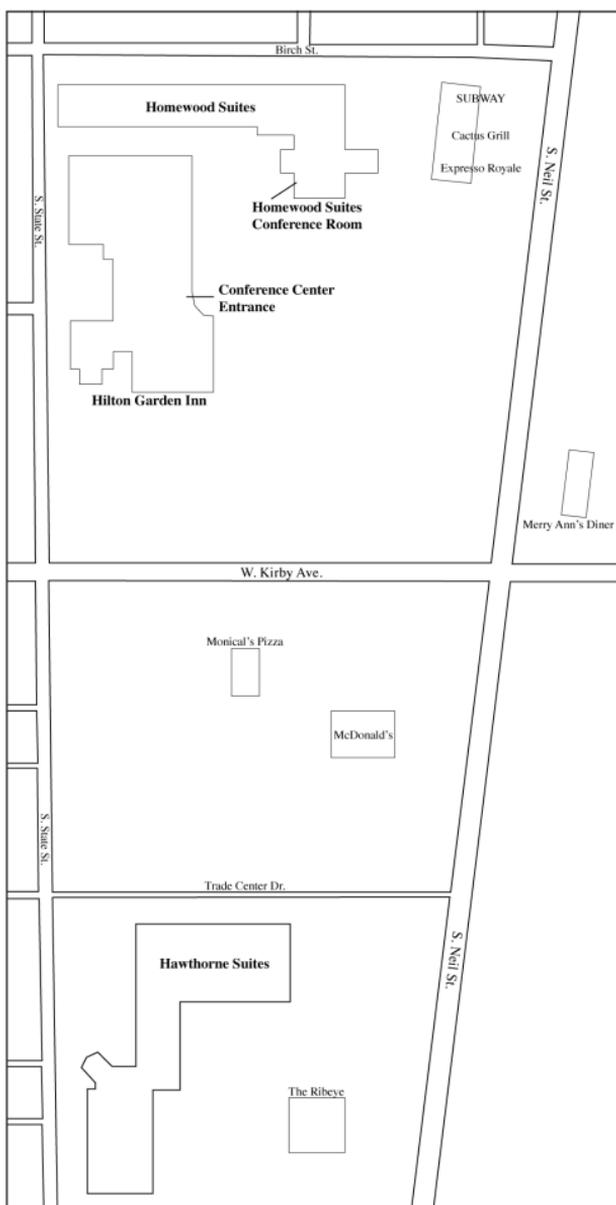
“Sutton Hoo 1600–2014. Six Campaigns - and a New One”



## HILTON GARDEN INN LAYOUT



## CONFERENCE CENTER





MAC CONFERENCE BOOK VENDORS  
*(located in the Badgers Room)*

Illinois State Archaeological Survey

America's First Cities Project

Powell Archaeological Research Center

Gustav's Library

Center for Archaeological Investigations

Ancient Society Books

University of Alabama Press

Archeolink

Ohio Historical Society

Midwest Archaeological Conference

University of Florida Press

Gray & Pape, Inc.