



Midwest Archaeological Conference, Inc.

# 66th Annual Midwest Archaeological Conference

**October 12-14, 2023 | Bowling Green, KY**



# FOLK STUDIES & ANTHROPOLOGY

**PRELIMINARY AGENDA**  
**THURSDAY AFTERNOON**

**Registration**

**Open 12 Noon to 5:00 pm**

**Lobby - Eva & Jim Martens Alumni Center**

292 Alumni Ave, Bowling Green, KY

**Vendors Room**

**Open 12 Noon to 5:00 pm**

**Jimmy Feix Ballroom**

**Symposium - Fort Ancient Research: 10th-18th Century Developments from the Crossroads of the Midcontinent**

**Organizers:** Aaron Comstock (University of Louisville), Matthew Davidson (University of Kentucky), and David Pollack (Kentucky Archaeological Survey)

**Time:** 1:30 – 4:45 pm

**Location:** Lee Robertson Ballroom

1:30 pm      **The End of Hopewell and the Beginning of Fort Ancient: Comparing Middle to Late Woodland Projectiles at the Turner and Turpin Sites in Southwest Ohio.** Robert Cook (Ohio State University) and Grace Conrad (Ohio State University)

1:45 pm      **Hydroclimatic Pushes-and-Pulls, Windows of Opportunity and Landscape Ecology: A Paleoenvironmental Perspective on Fort Ancient Origins and Settlement Patterns in the Middle Ohio River Valley.** Todd Grote (Indiana University Southeast), Aaron Comstock (University of Louisville), and Ben Cross (The Ohio State University)

2:00 pm      **Modeling Fort Ancient: Bayesian Approaches to Chronology in the Middle Ohio Valley.** Brandon T.

Ritchison (University of Illinois Urbana-Champaign) and Matthew Davidson (University of Kentucky)

- 2:15 pm **An Analysis and Interpretation of Functional Changes of Fine Triangular Projectile Point Morphologies Within the Mid-Ohio Valley During the Fort Ancient Cultural Period, AD 1000-1750.** Donald A. Miller (Environmental Solutions and Innovations, Inc. and Northern Kentucky University)
- 2:30 pm **Late Precontact Settlement Dynamics in the White River Valley and the Emergence of the Oliver Phase.** Patrick D. Trader (Gray & Pape, Inc.)
- 2:45 pm Break
- 3:00 pm **Beyond Predictive Modeling: An Investigation of Fort Ancient Settlement Location Through A Multi-Criteria GIS Approach.** Claiborne Daniel Sea (ArchaeoSpatial Analytics)
- 3:15 pm **Fort Ancient Plant Use: Identity, Decision-Making, and Social Boundaries.** Jack Rossen (Chronicle Heritage)
- 3:30 pm **Fort Ancient Pipestone Craft Production, Distribution and Use During the Late Precontact and Contract Periods, 1000-1750 CE.** Matthew Davidson (University of Kentucky)
- 3:45 pm **Six Centuries of Home: Diversity, Connections, and Continuity at the Late Precontact Hahn Site Near Cincinnati, Ohio.** Robert A. Genheimer (Cincinnati Museum Center)
- 4:00 pm **The Buffalo Site (46Pu41) and the Fort Ancient Archaeological Tradition.** Penelope B. Drooker (New York State Museum)
- 4:15 pm **Shawnee Ceramic Heritage: Connecting the Middle Ohio Valley and the Savannah River Region.** A. Gwynn Henderson (Kentucky Archaeological Survey), David Pollack (Kentucky

Archaeological Survey), and Benjamin Barnes (Shawnee Tribe)

4:30 pm **The Past, Present, and Future of Fort Ancient Research: Call for a Modern Synthesis.** Aaron Comstock (University of Louisville), Matthew Davidson (University of Kentucky), and David Pollack (Kentucky Archaeological Survey)

## **Symposium - Community Engagement and Public Archaeology in the Midwest**

**Organizers:** Elizabeth C. Reetz (University of Iowa Office of the State Archaeologist) and Susan Kooiman (Department of Anthropology, Southern Illinois University Edwardsville)

**Time:** 2:00 – 4:00 pm

**Location:** Watkins Executive Auditorium

2:00 pm **Co-creating Knowledge about Iowa Sites and Increasing Awareness of Iowa's Descendant Tribes through Community Engaged Archaeology.** Elizabeth C. Reetz (University of Iowa Office of the State Archaeologist) and John F. Doershuk (University of Iowa Office of the State Archaeologist)

2:15 pm **Creating Community Connections: Engaging Local High School Students to Archaeology and Field-Based STEM Pathways.** Susan Kooiman (Department of Anthropology, Southern Illinois University Edwardsville), Carol E. Colaninno, (Center for Faculty Development and Excellence, Emory University, Atlanta), and Adriana E. Martinez (Departments of Geography and Environmental Sciences, Southern Illinois University Edwardsville)

- 2:30 pm **Reimagining Section 106 Creative Mitigations: A Lake Delhi, Iowa Case Study.** John F. Doershuk and Elizabeth C. Reetz (University of Iowa Office of the State Archaeologist)
- 2:45 pm **Locating Intensive Agriculture Through Community Archaeology in Michigan’s Upper Peninsula.** Madeleine McLeester (Dartmouth College), Jesse Casana (Dartmouth College), David Overstreet (College of the Menominee Nation), David Grignon (Menominee Tribal Historic Preservation Office), and Jonathan Alperstein (Dartmouth College)
- 3:00 pm Break
- 3:15 pm **Placemaking at the Pageant Grounds: Engaging Communities in Miskwaabikang.** Heather Walder (University of Wisconsin - La Crosse), Marvin DeFoe (Red Cliff Band of Lake Superior Chippewa THPO), and John L. Creese (North Dakota State University)
- 3:30 pm **Wisconsin’s Canoe Conundrum: Unraveling the Mysteries of the Ho-Chunk Nation’s Dugout Canoes in Lake Mendota.** Bill Quackenbush (Tribal Historic Preservation Officer, Ho-Chunk Nation)
- 3:45 pm **At the Intersection of Public Archaeology and Public Opinion: Does a Rising Tide Really Lift All Boats?** Jon W. Carroll (Oakland University)

## **Contributed Posters – Methods**

**Time:** Thursday 2:00 – 4:00 pm

**Location:** Jimmy Feix Ballroom

**Developing GIS Materials for the Documentation and Analysis of a Historic Cemetery in Allen County, KY.** Lillian Bradford (Western Kentucky University)

**Geophysical Survey at a Cemetery on a Possible Mound Site in the Lower Illinois River Valley.**

Martin Calvin Guevara (Arizona State University) and  
Hayden Bernard (Indiana University)

**Late Wisconsin Glaciation and Post-glacial  
Evolution of the Ohio River Basin: A Stratigraphic  
and Geomorphologic Framework for  
Archaeological Research in Alluvial Valleys.** Todd  
Grote (Indiana University Southeast), Ron Counts  
(University of Mississippi), and Edward Herrmann  
(Indiana University)

## **THURSDAY EVENING**

**Reception at the Kentucky Museum 5:00-7:00 pm**

1444 Kentucky Street, Bowling Green, KY 42101

**FEATURING: First Farmers of the Barren River Valley**

This exhibition at WKU's Kentucky Museum highlights  
diverse aspects of American Indian farm life in the Barren  
River valley before European contact.

Presenting the results of the 2020-2021 excavations at the  
Holt site by the Kentucky Archaeological Survey, **First  
Farmers** displays and interprets findings related to  
technology, settlement, foodways, society/politics, and  
economics/trade that reveal life in a Kentucky farming  
village circa 1350 CE.

## FRIDAY

### Registration

Open 12 Noon to 5:00 pm

Lobby - Eva & Jim Martens Alumni Center

292 Alumni Ave, Bowling Green, KY

### Vendors Room

Open 12 Noon to 5:00 pm

Jimmy Feix Ballroom

## FRIDAY MORNING

### General Session – Historic Archaeology

**Chair: Lori C. Stahlgren**

**Time:** 9:00 – 10:15 am

**Location:** Lee Robertson Ballroom

- 9:00 am        **2023 Exploratory Excavations at the Siskiwit Bay Copper Mining District.** Katherine Trotter (University of Wisconsin-Madison)
- 9:15 am        **Bonanza Farms Excavated: Preliminary Findings from the 4e Farmstead.** Kristen R. Fellows (North Dakota State University) and David R. Hubin (Cass County Historical Society)
- 9:30 am        **Archaeological Identification of the Newport Barracks Site (15Cp103), City of Newport, Campbell County, Kentucky.** Donald A. Miller (Northern Kentucky University), Michael D. Coker (Northern Kentucky University), Brian L. Hackett (Northern Kentucky University), and Scott Clark (City of Newport, Kentucky)
- 9:45 am        **Connecting with the Ancestors: Archaeology at Oxmoor.** Lori C. Stahlgren (Kentucky Archaeological Survey)
- 10:00 am       **Say Their Names: The Archaeology of a Post-Civil War Black Community in the West End of Louisville, Kentucky, the Beecher Terrace**

**Archaeological Project.** Anne Tobbe Bader, David W. Schatz, and Sara M. Deurell (Corn Island Archaeology LLC)

## **General Session –**

**Chair:** M. Jay Stottman

**Time:** 10:30 – 11:45 am

**Location:** Lee Robertson Ballroom

- 10:30 am      **Finding What You’re Looking For: Understanding HRD Dog Use in Archaeology.** Jennifer Jordan Hall (Search and Reunite Services, LLC) and Rebecca Hawkins (Algonquin Consultants, Inc.)
- 10:45 am      **Use of Human Remains Detection Dogs to Find Unmarked Precontact Human Burials in the Ohio Valley.** Cheryl A. Johnston (Grave Matters Consultancy Group, LLC), Jennifer Jordan Hall (KYK9 Search and Reunite Services, LLC), Kevin R. Schwarz (ASC Group, Inc.), Andrea D. Crider (ASC Group, Inc.), and Taylor J. Bryan (ASC Group, Inc.)
- 11:00 am      **50 Shades of Grey: Translating and Transforming Grey Literature for Public Engagement.** (Sam Peterson, Minnesota State University Moorhead)
- 11:15 am      **Scanning with Ease?: An Assessment of Cost-efficient 3D Scanning Technologies in Archaeology and Their Role in Indigenous Engagements in the Great Lakes Region.** Steven Dorland (Grand Valley State University), Jordan Jamieson (Mississaugas of the Credit First Nation), Zoya Deen (Grand Valley State University), Michelle Oberlin (Grand Valley State University), John O’Dell (Grand Valley State University), and Wesley Jackson (Grand Valley State University)

## **Contributed Posters – Historic Archaeology**

**Time:** Friday 10:00 am – Noon

**Location:** Jimmy Feix Ballroom

**Investigations of Pyrotechnological Debris from Fort Ouiatenon.** Cassandra Apuzzo (Department of Anthropology, Purdue University) and H. Kory Cooper (Department of Anthropology, Purdue University)

**Where is the Historic Indian Agency Blacksmith Shop? Engaging the Public in Research and Education.** Daniel Joyce (University of Wisconsin-Parkside), Constance Arzigian (University of Wisconsin-LaCrosse), John Walkman (Mississippi Valley Archaeology Center), Adam Novey (Mississippi Valley Archaeology Center), Historic India (Mississippi Valley Archaeology Center), and Cynthia Kocik, (Mississippi Valley Archaeology Center)

**The Search for a Log House Reported at the Montgomery Site (47Kn363), Kenosha County, Wisconsin.** Robert F. Sasso (University of Wisconsin-Parkside) and Daniel J. Joyce (University of Wisconsin-Parkside)

## **Contributed Posters – Public Archaeology**

**Time:** Friday 10:00 am – Noon

**Location:** Jimmy Feix Ballroom

**Archaeologists as Curators: Archaeology in the Exhibition Space.** Alyssa Christoffers (Minnesota State University Moorhead)

**It's Our Time Down Here: The Importance of Student Led Research and Design.** Celestte Eichers (Minnesota State University of Moorhead)

**Using Art Integration to Teach Anthropology in K-12 Education and Public Outreach.** Kenny Sorum (Minnesota State University of Moorhead)

**Wash Nights: Strategies and Successes in Public Archaeology.** G.B. Priest (Kentucky Archaeological Survey; University of Illinois Urbana-Champaign)

## **FRIDAY LUNCHTIME**

**Student Luncheon Workshop — You're an Archaeologist. Now What? Specialization in Archaeology**

**Organizers:** **Bailey Lambert, Kaitlyn Morgan, Kristina Whittington** (Western Kentucky University), **Lauren Brewer** (University of Wisconsin–La Crosse), and **Tania Lee Milosavljevic** (University of Wisconsin–Milwaukee)

**Time:** 11:00 am – 1:00 pm

**Location:** Jimmy Feix Ballroom

Lunch provided for people who preregistered; everyone is welcome to attend

**Panelists**     **Celise Chilcote-Fricker, PhD** (University of Kentucky)

NAGPRA Coordinator

**Ed Jakaitis, MA** (Mammoth Cave National Park)

Cultural Resources Program Manager

**Terry Langford, MA** (Mammoth Cave National Park)

Curation

**Jean-Luc Houle, PhD** (Western Kentucky University)

Environmental Archaeology

**Kathryn Marklein, PhD** (University of Louisville)

Osteology

The field of archaeology is full of specializations. Through training and experience, archaeologists become experts in different subdisciplines. In this interactive discussion-based workshop, participants will have the opportunity to engage in conversation with experts and learn what it takes to become a specialist in various fields of work

## **MAC Board Meeting**

Noon – 1:30 pm

Dan & Anne Greenwell Executive Dining Room (2nd floor)

## **FRIDAYAFTERNOON**

### **General Session**

**Chair –**

**Time:** 1:30 – 4:15 pm

**Location:** Lee Robertson Ballroom

- 1:30 pm     **The Occurrence of Kirk Corner Notched-like Projectile Points from Middle Archaic Components in the Skillman Bottoms, Hancock County, Kentucky.** William G. Hill (Corn Island Archaeology)
- 1:45 pm     **New Parietal Art and Radiocarbon Dates from a Disturbed Kentucky Cave (15Ed23).** Joseph C. Douglas (Volunteer State Community College), Kristen Bobo (National Speleological Society), and James R. Honaker (Kentucky Technical Solutions Inc.)
- 2:00 pm     **The Fairfield Art Style and a Newly Recognized Example from Kentucky.** Mark F. Seeman (Kent State University)
- 2:15 pm     **The Mann Site: Recent Updates and Implications for Understanding the Hopewell Phenomenon.** Michael Strezewski (University of Southern Indiana)
- 2:30 pm     **Crane and Loy: Middle Woodland Settlements on Macoupin Creek, Greene County, Illinois.** G. Logan Miller (Illinois State University) and Kenneth B. Farnsworth (Upper Mississippi Valley Archaeological Research Foundation)
- 2:45 pm     **Highlights from the Lakeside Estates Archaeological Project: Recent Investigations of Woodland and Mississippian Settlements in the American Bottom Uplands.** Alleen Betzenhauser (Illinois State Archaeological Survey)

- 3:00 pm Break
- 3:15 pm **Me, Myself, and Koshkonong: A Look at Intersite Specialization and Identity at the Oneota Koshkonong Locality through the Lens of Paleoethnobotany.** Crystal Morgan (University of Wisconsin - Milwaukee)
- 3:30 pm **Lithics and Floatation Analysis of a Late Woodland Lodge and nearby Mississippian “Work Mound” Camp Site at the Carl Steiber Farm Site on the Former Grounds of Lincoln Fields and Balmoral Racetrack in Crete, Illinois.** Mark L. Madsen (Member of the IAAA, CAS, and SSAS)
- 3:45 pm **Lithic Evidence for Craft Production and Maize Processing at the Mitchell Mound Center in the American Bottom.** Madeleine G. Evans (Illinois State Archaeological Survey)
- 4:00 pm **A Paleoethnobotanical Comparison of Mortuary and Village Langford Tradition Sites in Northern Illinois.** Tania Milosavljevic, M.S., RPA (University of Wisconsin-Milwaukee)

**Panel – The Importance of Public Outreach in Archaeology**

**Moderator:** John F. Doershuk (University of Iowa Office of the State Archaeologist)

**Time:** 2:00 – 4:00 pm

**Location:** Watkins Executive Auditorium

**Panelists** **Constance Arzigian** (Archaeology and Anthropology Department, University of Wisconsin-La Crosse)

**Bill Quackenbush** (Tribal Historic Preservation Officer, Ho-Chunk Nation)

**Michelle Rathgaber** (Arkansas Archeological Survey)

**Elizabeth C. Reetz** (University of Iowa Office of the State Archaeologist)

**M. Jay Stottman** (Kentucky Archaeological Survey)

**FRIDAY EVENING**

**Reception and Cash Bar:** 5-7 pm; Atrium (second floor)

**Banquet, MAC Awards Presentations, Business Meeting:** 7–9 pm; Ballroom

## SATURDAY MORNING

### **Registration**

**Open 8:00 am to 10:00**

**Lobby - Eva & Jim Martens Alumni Center**

292 Alumni Ave, Bowling Green, KY

### **Vendors Room**

**Open 8:00 am to 12 Noon**

**Jimmy Feix Ballroom**

### **Symposium - Archaeology of the Nucor Brandenburg Project.**

**Organizer:** Douglas Kullen (Burns & McDonnell Engineering Company)

**Time:** 9:00 – 10:00 am

**Location:** Lee Robertson Ballroom

9:00 am **Archaeology of the Nucor Steel Project and Glen Fount Plantation, Meade County, Kentucky.**

Douglas Kullen (Burns & McDonnell Engineering Company)

9:15 am **Archaeology of the Glen Fount Plantation (15Md458), Meade County, Kentucky. John Topi** (Burns & McDonnell Engineering Company)

9:30 am **A Geometric Morphometric Analysis of Adena Projectile Point Stems Recovered from the Nucor Steel Project.** John Topi (Burns & McDonnell Engineering Company)

9:45 am **Observations on the Prehistoric Archaeology of the Nucor Project, Meade County, Kentucky.**

Douglas Kullen (Burns & McDonnell Engineering Company)

## General Session –

### Chair:

**Time:** 10:30 – 11:45 am

**Location:** Lee Robertson Ballroom

- 10:30 am      **The Illinois Historic Bridge Video Series: Making Accessible Information.** Robert W. Rohe (Illinois State Archaeological Survey)
- 10:45 am      **A Recently Discovered Megalodon Fossil Shark Tooth Artifact from Horse Cave, Hart County, Kentucky.** George H. Colvin (Cox-Colvin & Associates, Inc.) and Warren Lively (Landowner and Finder)
- 11:00 am      **Little Ice Age Climate in the Kankakee Valley: Evidence from Shell Isotope Proxies.** Mark Schurr (University of Notre Dame), Charlotte Cardarella (University of Notre Dame), Caitlin Conly (Paleowest), and Madeleine McLeester (Dartmouth College)
- 11:15 am      **Experimental Replication of the “Pit and Tunnel” Features from the Turner Site: Preliminary Lessons from Hopewell Thermal Features.** Aaron Comstock (University of Louisville), Katie Russell (Indiana University East), and Ryan Tincher (Stantec)
- 11:30 pm      **Electrical Resistivity Tomography in Support of Ground Penetrating Radar at Claibourne Cemetery, Claibourne Township, Union County, Ohio.** Alexander C. Corkum II (Terracon Consultants, Inc.) and Joseph E.B. Snider (Terracon Consultants, Inc.)

**Poster Symposium – Excavating the Past: UWM Field School Excavations at the Koshkonong Creek Village**  
**Organizers:** Richard W. Edwards IV, Crystal Morgan and Sean P. Gleason (University of Wisconsin-Milwaukee)

**Time:** 9:00 am – 11:00 am

**Location:** Jimmy Feix Ballroom

**Where to Dig? Survey and Excavation by the 2023 UWM Field School at KCV.** Richard W. Edwards IV (University of Wisconsin-Milwaukee)

**Sherds of the Past: Analyzing the 2023 UWM Field School Ceramics.** Elsie J. Touchstone, Catherine VanKammen, and Richard W. Edwards IV (University of Wisconsin-Milwaukee)

**The Good, the Bad, and the Ugly: Interpreting Uncharacteristic Lithics at Koshkonong Creek Village (47JE0379).** Rachel Stewart (University of Wisconsin - Milwaukee), Ava Wolcott (University of Wisconsin - Milwaukee), Sydney Davis (Metcalf Archaeological Consultants), and Crystal Morgan (University of Wisconsin - Milwaukee)

**Structures Out of Sand: A Comparative Analysis of Precontact in the Koshkonong Locality.** Ian Auger, Anissa Zaske, Gil Amador, and Sean P. Gleason IV (University of Wisconsin-Milwaukee)

**Contributed Posters – Woodland, Oneota, Mississippian**

**Time:** 9:00 am – 11:00 am

**Location:** Jimmy Feix Ballroom

**The German Site: An Analysis of House Basin 1.** Haley Mullins (Center for American Archeology), Morgan Musgrove (Center for American Archeology), Journey Wilder (Kennesaw State University), Livya Phillips-Levin (Beloit College), Emma Bell (Northern Illinois University), Kenzie May (Penn State University), and Jason L. King (Center for American Archeology)

**Introducing the Mullins Creek Complex: An Oneota Occupation in the American Bottom.**

Steven L. Boles, Thomas J. Loebel, Robert McCullough, and Justin Wallace (Illinois State Archaeological Survey)

**Cahokia-Style Engraved Stone Tablets.** William Iseminger (Cahokia Mounds State Historic Site, Retired)

**Examination of the Early Woodland Mortuary Component at the Murphy Site, Posey County, Indiana.** Emily Thurman (University of Southern Indiana)

**Preserved Textiles and Cordage in Illinois.** Kimberly Schaefer (Illinois State Archaeological Survey) and Mary King (Illinois State Archaeological Survey)

**A Lozenge-Shaped Late Woodland Lodge Design.** Mark L. Madsen (Member of the IAAA, CAS, and SSAS)

## SATURDAY AFTERNOON \*

### **Mammoth Cave Tours**

Tours have limited capacity, all tours are \$6 each

~~Lantern Tour Hike w/ Gothic Addition, 12:30 pm – 6:30 pm – max. 20 participants, – A 3.5-mile hiking tour that covers the broad history of precontact and early historic exploration of Mammoth Cave. (moderate level hike) – THIS IS FULL~~

**Historic Entrance to Olives Bower Hike, 12:30 pm - 2:15 pm - max. 20 participants, -** A 1.5-mile hiking tour to the popular Rotunda and saltpeter mining works and the historic Mushroom Beds and Olives Bower formation. (moderate level hike)

**Historic Tour Route w/ Pensicola Ave. Addition, 12:00 pm - 4:30 pm - max. 15 participants, -** A 2-mile hiking tour that introduces Mammoth Cave history through a toured route that many experience today, with a side trip to learn about African American history and historical uses beyond mining and tours. (moderate level hike)

**McCoy Hollow and MACA-44 Surface Hike, 12:00 pm - 4:00 pm - max. 12 participants, -** A 5-mile trail hike that takes participants across the park's surface landscape in the rugged northwest quadrant, with off-trail overland hiking to rockshelters in the area. (strenuous level hike)

**Sunday, October 15, 2023 (If interest, a tour of Salt's Cave is planned) Salts Cave Caving Trip, 9:00 am - 3:00 pm - max. 10 participants, -** A 3-mile caving trip into Salts Cave, to learn about precontact lifeways and uses of the cave environment. (strenuous level caving experience)

### **South Union Shaker Village**

896 Shaker Museum Road, Auburn, KY 42206

Between 1807 and 1922, a communal religious sect called the Shakers occupied this 6,000-acre farm not far west of Bowling Green, Kentucky. The site maintains and interprets nine original Shaker structures on nearly 500 acres of farmland.

*\*Participants are responsible for their own transportation.*