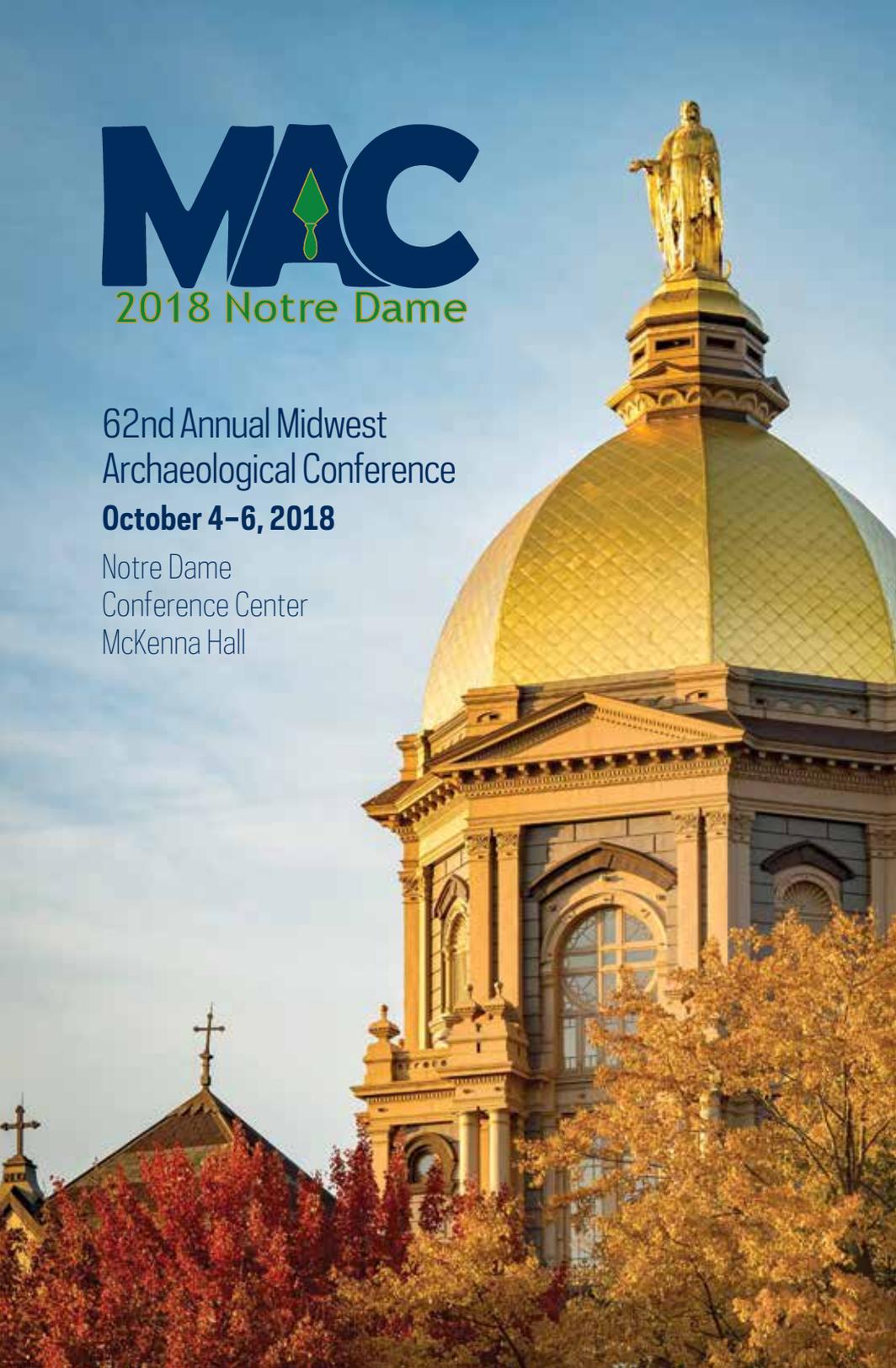


The logo features the letters 'MAC' in a bold, dark blue font. A green leaf-like shape is integrated into the letter 'A'. Below 'MAC', the text '2018 Notre Dame' is written in a green, sans-serif font.

MAC
2018 Notre Dame

62nd Annual Midwest
Archaeological Conference
October 4–6, 2018

Notre Dame
Conference Center
McKenna Hall





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The Illinois Archaeological Survey proudly supports the Midwest Archaeological Conference. We are a society of professional archaeologists, and other technical professionals, dedicated to identifying and preserving important archaeological resources throughout the state of Illinois. We are also a partner organization supporting the Coalition for American Heritage.



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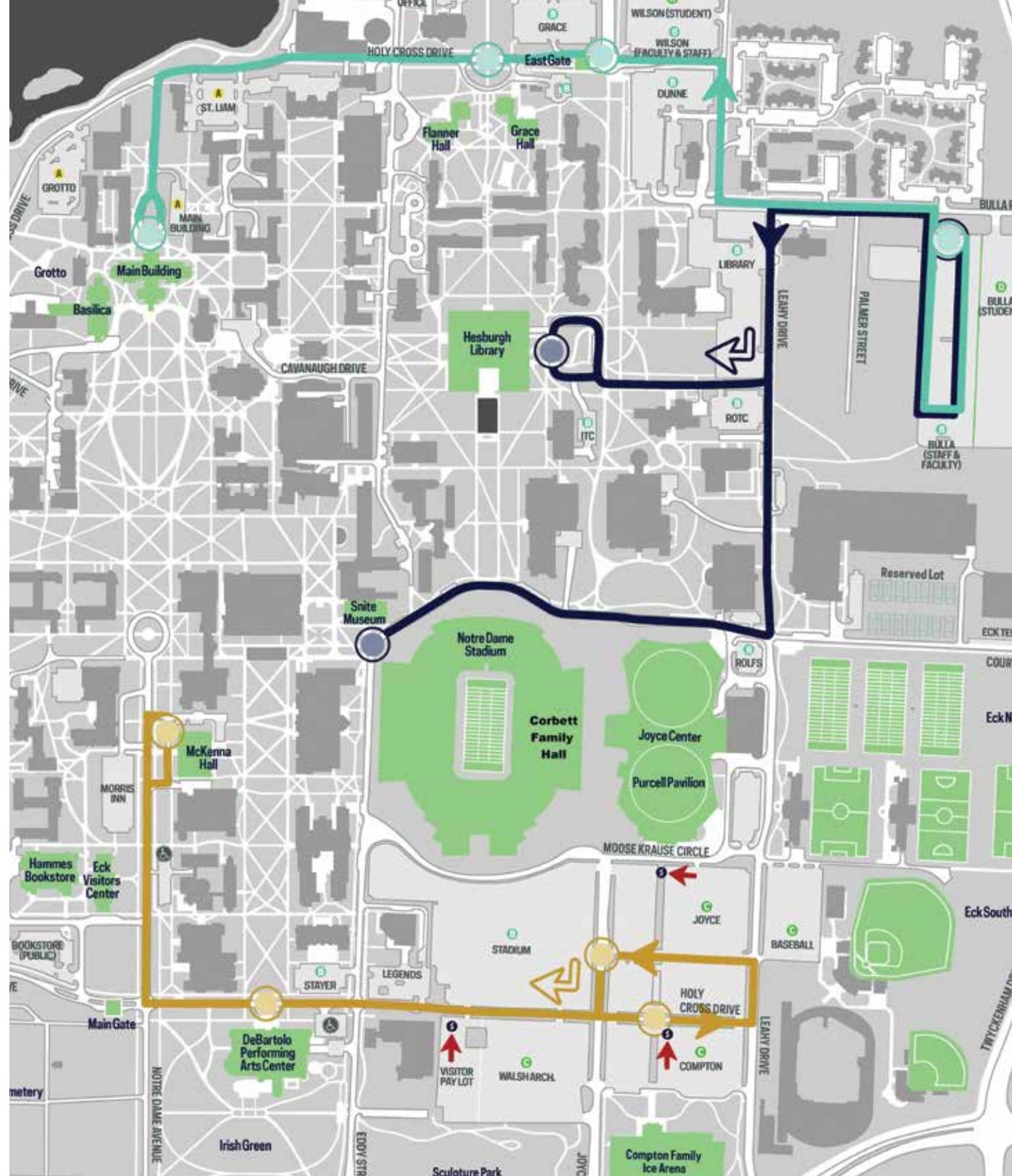
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Visitor parking is available at the following locations:

- **Morris Inn** (valet parking for \$10 per day for guests of the hotel, restaurants, and conference participants. Conference attendees should tell the valet they are here for the conference.)
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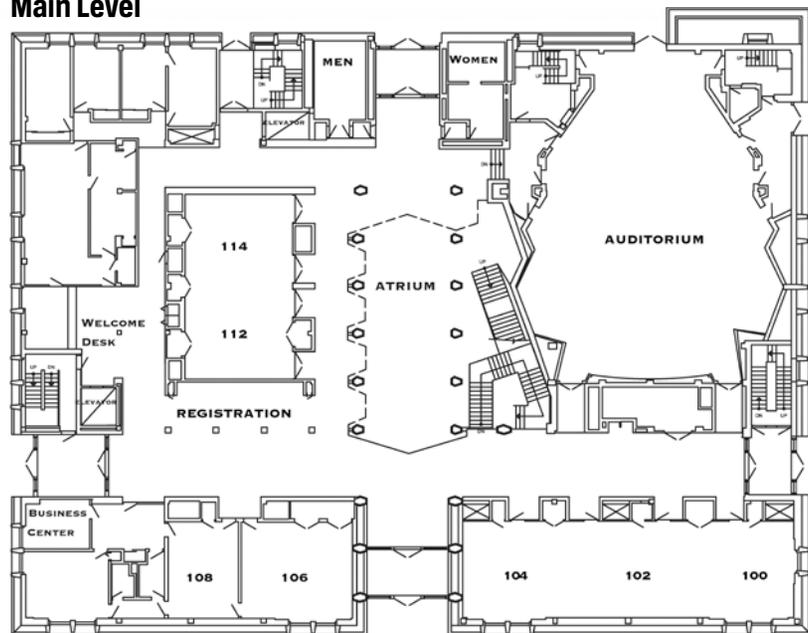
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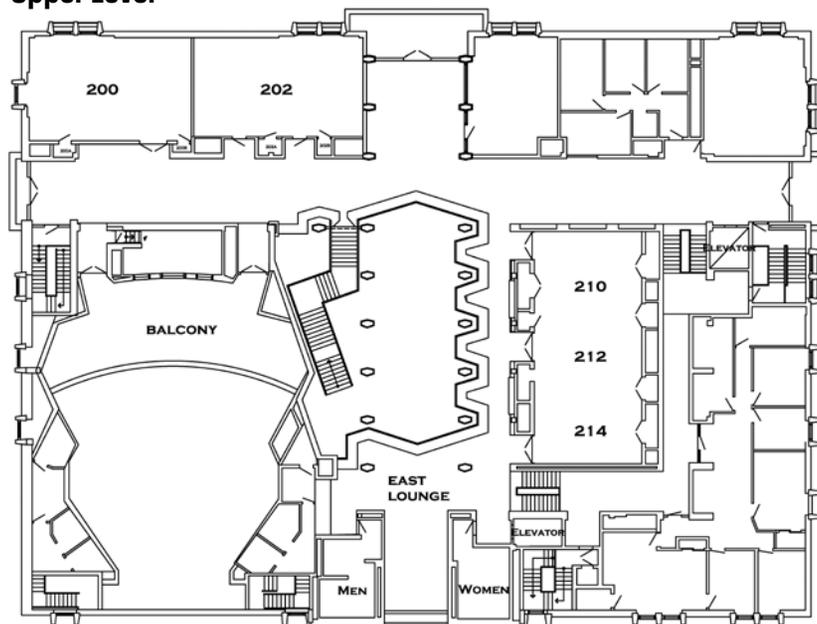


McKenna Hall Floor Plan

Main Level



Upper Level



Registration

McKenna Hall Lobby

Thursday, 12 a.m.–5 p.m.

Friday, 8 a.m.–5 p.m.

Saturday, 8 a.m.–1 p.m.

Information about the campus and its amenities is available from any of the personnel at the desk.

Book and Vendor Room

McKenna Hall 112–114

Thursday, 12–5 p.m.

Friday, 8 a.m.–5 p.m.

Saturday, 8 a.m.–4 p.m.

Vendors and Information Tables

Ball State University, Department of Anthropology and Applied Anthropology Laboratories

Center for Archaeological Investigations, Southern Illinois University Carbondale

Division of Historic Preservation and Archaeology, Indiana Department of Natural Resources

Gustav's Library

Illinois State Archaeological Survey

Institute for Field Research

Left Coast Press

Register of Professional Archaeologists

St. Cloud State University Cultural Resource Management-Archaeology M.S. Program

University of Notre Dame Press

Wildnote, Inc.

Wisconsin Archaeological Society

Open House and Reception

Department of Anthropology

2nd Floor of Corbett Family Hall

Thursday, 6–8 p.m.

Corbett Family Hall is on the east side of Notre Dame Stadium. The second floor houses the Department of Anthropology, including facilities for archaeology, archaeometry, human osteology, and bioanthropology. The archaeological collections are focused on northwestern Indiana. Materials on display will include collections from the Middle Grant Creek site in Illinois. Open to all.

MAC Board Meeting

Quinn Dining Room, Morris Inn

Friday, 11:30 a.m.–1:30 p.m.

Reception and Trivia Contest

Rohr's, Morris Inn

Friday, 5:30–7:30 p.m.

A chance to enjoy refreshing beverages and abundant hors d'oeuvres, show your knowledge of Midwestern archaeological trivia, and win prizes. Two tickets for beverages are included in the registration packet. A cash bar will be available as well. Pre-registration required.

MAC Business Meeting

Auditorium

Saturday, 5–6 p.m.

Executive Committee

President: Jodie O’Gorman, Michigan State University

President-Elect: John Doershuk, University of Iowa

Treasurer: Brian D. Nichols, University of Wisconsin-Milwaukee

Secretary: Eve A. Hargrave, Illinois State Archaeological Survey

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Department of Anthropology

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Conference Organizers

Mark R. Schurr and Madeleine T. McLeester

Student Paper Competition Committee

Madeleine T. McLeester (Chair), Katherine M. Sterner, and Aaron Comstock

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Office of the State Archaeologist, University of Iowa

Purdue University, Department of Anthropology

Introductory Sponsors (\$100)

Indiana University-South Bend

Logan Museum of Anthropology, Beloit College

Summary Schedule

All sessions take place in McKenna Hall unless otherwise noted

Thursday, October 4

- 2–4 p.m.** **2018 MAC Sponsored Symposium**
Late Prehistoric Landscapes in the Northern Prairie Peninsula:
A Lake Koshkonong Perspective, Auditorium
- 6–8 p.m.** **Open House and Reception**
Department of Anthropology, 2nd Floor of Corbett Family Hall
Open to all.

Friday, October 5

- 9 a.m.–12:15 p.m.** **Symposium**
Storing Culture: Subterranean Storage in the Upper Midwest,
Auditorium
- 10 a.m.–12 p.m.** **General Poster Session**
Reports from the Field, Room 210-214
- 11:30 a.m.–1:30 p.m.** **MAC Board Meeting**
Quinn Dining Room, Morris Inn
- 1:30–3:45 p.m.** **Symposium**
Fur Trade, Farmsteads, and Foreigners: 400 Years of Wisconsin's
Historical Archaeology, Auditorium
- 1:30– 4:30 p.m.** **General Session**
Woodland Investigations, Room 100-104
- 1:30–3:30 p.m.** **General Poster Session**
Materials and Methods, Room 210-214
- 3–4:30 p.m.** **Student Workshop**
Industrial and Urban Archaeology, Room 202
- 5:30–7:30 p.m.** **Reception and Trivia Contest**
Rohr's, Morris Inn (Pre-registration required)

Saturday, October 6

- 9–11:45 a.m.** **General Session**
Middle Mississippian to Late Prehistoric Lifeways, Auditorium
- 9 a.m.–12 p.m.** **General Session**
Old Materials, New Methods, and Novel Approaches,
Room 100-104
- 9:30–11:30 a.m.** **Poster Symposium**
Food Production Past and Present: Multidisciplinary
Perspectives, Room 210-214
- 9:30–11:30 a.m.** **General Poster Session**
Bioarchaeology, Health, and Disease, Room 210-214
- 1:30–4:15 p.m.** **Symposium**
Ethnogenesis and Village Origins: Becoming Fort Ancient at the
Guard Site, AD 1000-1300, Auditorium
- 1–4 p.m.** **General Session**
Landscape, Settlements, and Their Detection, Room 100-104
- 1:30–3:30 p.m.** **Poster Symposium**
Student Centered Research in the Applied Anthropology
Laboratories 2014-2018, Room 210-214
- 5–6 p.m.** **MAC Business Meeting**
Auditorium

Thursday, October 4

All sessions take place in McKenna Hall unless otherwise noted

2–4 p.m. 2018 MAC Sponsored Symposium

Late Prehistoric Landscapes in the Northern Prairie Peninsula:
A Lake Koshkonong Perspective

Auditorium

Co-Chairs: Robert J. Jeske, Katherine Sterner, and Richard W. Edwards IV

- 2 p.m. New Perspectives from Lake Koshkonong**
Robert Jeske (University of Wisconsin-Milwaukee), Katherine Sterner (University of Wisconsin-Milwaukee), and Richard Edwards IV (Commonwealth Heritage Group, Inc.)
- 2:15 p.m. Upper Mississippian Stone Tools and Community Organization**
Katherine M. Sterner (University of Wisconsin-Milwaukee)
- 2:30 p.m. Identities in Clay: Displays of Group Identity on Pottery from Oneota Villages on Lake Koshkonong**
Seth A. Schneider (University of Wisconsin-Milwaukee) and Natalie A. Carpiaux (Field Museum)
- 2:45 p.m. Archaeofauna as Evidence for Oneota Landscape Investment During Periods of Conflict and Stress**
Rachel C. McTavish (University of Wisconsin-Milwaukee)
-
- 3:00 p.m. Break**
-
- 3:15 p.m. Risky Landscapes: Agriculture and Upper Mississippian Societies**
Richard W. Edwards IV (Commonwealth Heritage Group, Inc.)
- 3:30 p.m. The Social Landscape of 11th- to 15th- Century Lake Koshkonong**
Robert J. Jeske (University of Wisconsin-Milwaukee)
- 3:45 p.m. The Late Prehistoric Continuum at the Edge of the Prairie Peninsula**
James A. Brown (Northwestern University)

6–8 p.m. Welcome Reception

Second Floor, Corbett Family Hall (east side of the Stadium)
Open to all

Friday, October 5

9 a.m.–12:15 p.m. Symposium

Storing Culture: Subterranean Storage in the Upper Midwest

Auditorium

Chair: Sean B. Dunham

- 9 a.m. Cache Pits: Reflections from the Ne-con-ne-pe-wah-se site**
Sean B. Dunham (U.S. Forest Service)
- 9:15 a.m. Now and Later: A Cross-Cultural Comparison of Hunter-Gatherer Food Storage Practices**
Kathryn Frederick (Michigan State University)
- 9:30 a.m. Experimental Research on Plant Storage at Midewin Prairie, Illinois: Considering the Shelf Life of Plant Storage within Subterranean Pits**
Ian Kuijt (University of Notre Dame), Madeleine McLeester (University of Notre Dame), and Mark R. Schurr (University of Notre Dame)
- 9:45 a.m. From Cache Pits to Middens: Navigating the Pitfalls of Feature Interpretation**
Natalie Carpiaux (The Field Museum) and Richard W. Edwards IV (Commonwealth Heritage Group, Inc.)
- 10 a.m. Grand Island Pit Features: A Performance-Based Interpretation**
Emily R. Bartz (University of Florida)
- 10:15 a.m. Cache Pits and (or as?) Ritual Practice at the Cut River Mounds Site (20R01) in North-Central Michigan**
Meghan C.L. Howey (University of New Hampshire)
-
- 10:30 a.m. Break**
-
- 10:45 a.m. The Role of Storage in Foodways in the Late Woodland Upper Delaware Valley**
Justin M. Reamer (University of Pennsylvania)
- 11 a.m. Late Precontact Storage and Refuse at the Middle Grant Creek Village in Northern Illinois**
Madeleine McLeester (University of Notre Dame) and Mark R. Schurr (University of Notre Dame)

Friday, October 5 *(continued)*

11:15 a.m. A Bountiful Landscape and Empty Cache Pits: Some More Insights on Food Processing and Storage from the M-231 Project in the Lower Grand River Valley of Michigan

Michael J. Hambacher (SEARCH, Inc.)

11:30 a.m. Patterning in Oneota Pit Feature Distribution: Examples from La Crosse, Wisconsin

Constance Arzigian (University of Wisconsin-La Crosse), Wendy Holtz-Leith V, and Katherine Stevenson (University of Wisconsin-La Crosse)

11:45 a.m. Late Prehistoric Pit Features: A View from Southwest Michigan

Janet G. Brashler (Grand Valley State University) and Donald H. Gaff (University of Northern Iowa)

12 p.m. Discussant

William Lovis (Michigan State University)

10 a.m.–12 p.m. General Poster Session

Reports from the Field

Room 210–214

1 Woodland life on the Maumee: Evidence from a Recently Identified Site in Northwest Ohio

Melissa R. Baltus (University of Toledo)

2 Investigating Late Archaic Trade and Exchange in Southeast Michigan

Laura M. Bossio (University of Michigan)

3 A Preliminary Analysis of the Harmeyer Site

Michael Campbell (University of Toledo)

4 Tile drains and Environment Pains: Utilizing Remote Sensing and GIS to Explore a Spatial Relationship Between Tile Drain Clusters and Prehistoric Sites in Adams County, Illinois

Paige M. Dobbins (Illinois State University) and Andrew R. Pavlenda (The University of Akron)

5 Recent Investigations of the Eastern Embankment at Golden Eagle (11C120)

Zoe Doubles (Center for American Archeology), Emma Jones (Center for American Archeology), Kenzie May (Illinois State University), Esmeralda Ferrales (New Mexico State University), Jason L. King (Center for American Archeology) and Jane E. Buikstra (Arizona State University)

6 The Mitchell Initiative: Archaeological Investigations in the Greater Mitchell Mounds Region of the American Bottom

Patrick R. Durst, Robert G. McCullough, and Thomas J. Loebel

7 The Woodland Ohio Monumentality Project (W.O.M.P.): Report from the 2018 Field Campaign at the Junction and Steel Group Sites in Ross County, Ohio

Timothy Everhart (University of Michigan)

8 Breaking New Ground at Macktown: Initial Deployment of 3D Analysis and GIS

Lucas S. Howser (Midwest Archaeological Research Services) and Steven A. Katz (Midwest Archaeological Research Services)

9 Detecting the 1862 U.S. Military Post at Sauk Centre, Minnesota

Rob Mann (St. Cloud State University), Mike Penrod (St. Cloud State University), and Courtney Kujala (St. Cloud State University)

10 IU Bicentennial Archaeology at Wylie House: Catalyst for Community Engagement

Molly R. Mesner (Indiana University) and Elizabeth Watts Malouchos (Indiana University)

11 Archaeology along the Banks of the Red Cedar: Summary of 2018 Riverbank Survey

Jeffrey M. Painter (Michigan State University), Autumn M. Painter (Michigan State University), and Jack A. Biggs (Michigan State University)

12 Exploring Monroe County's Past: Archaeological and Historical Landscapes of the Bean Blossom Creek Drainage

Elizabeth Watts Malouchos (Glenn A. Black Laboratory of Archaeology, Indiana University)

11:30 a.m.–1:30 p.m. MAC Executive Board Meeting

Quinn Dining Room, Morris Inn

Friday, October 5 *(continued)*

1:30–3:45 p.m. Symposium

Fur Trade, Farmsteads, and Foreigners: 400 Years of Wisconsin's Historical Archaeology

Auditorium

Chair: Patricia B. Richards

- 1:30 p.m. Searching for Evidence of Protohistoric and Early Colonial Encounters in Wisconsin**
Heather Walder (University of Wisconsin-Madison)
- 1:45 p.m. Recent Excavations at the McCauley Site (47WN0222): New Evidence of the Protohistoric Provisional Dandy Phase on Lake Winnebago**
Jennifer L. Picard (University of Wisconsin-Milwaukee) and Catherine R. Jones
- 2 p.m. Kinepoway's Village, a Model for Late Prehistoric-Early Historical Era Summer Agricultural Villages in Northeastern Wisconsin and Adjacent Areas of Michigan's Upper Peninsula**
David F. Overstreet and David J. Grignon (Menominee Tribe of Indians of Wisconsin)
- 2:15 p.m. Persistence, Resistance, and Survivance: The Archaeology of 18th- and 19th-Century Ho-Chunk Communities in Wisconsin**
Addison P. Kimmel (University of Iowa)
-

2:30 p.m. Break

- 2:45 p.m. Past in the Pines: The Archaeology of Historic Era Logging in Wisconsin**
Ryan J. Howell (Cardno, Inc) and Sean Dunham (U.S. Forest Service)
- 3 p.m. If You Can Build a Barn You Can Build a Scow: Analyzing Wisconsin's Great Lakes Scow Schooners and Their Impact on Small Town Development**
Victoria Kiefer (Wisconsin Historical Society), Tamara Thomsen (Wisconsin Historical Society), and Caitlin Zant (Wisconsin Historical Society)

- 3:15 p.m. An Archaeological Journey into the 19th Century in Southeastern Wisconsin**
Robert F. Sasso (University of Wisconsin-Parkside) and Daniel J. Joyce (Kenosha Public Museums)
- 3:30 p.m. All Lie Down Together and are Soon Forgotten: the Milwaukee County Poor Farm Cemetery Project**
Patricia B. Richards (University of Wisconsin-Milwaukee)
-

1:30–4:30 p.m. General Session

Woodland Investigations

Room 100–104

Chair: Bret J. Ruby

- 1:30 p.m. New Insights into the Early and Middle Woodland of Southeastern Wisconsin**
Jennifer R. Haas (University of Wisconsin-Milwaukee)
- 1:45 p.m. Rediscovering Toolesboro, a Middle Woodland Mound Group in Southeastern Iowa**
Lynn M. Alex (University of Iowa), William Green (Beloit College), Robin M. Lillie (University of Iowa), and Shannon M. Fie (Beloit College)
- 2 p.m. Large-Scale Magnetometry Survey at the Mann Site, an Indiana Hopewell Ceremonial Center**
Staffan Peterson (Indiana University) and Michael Strezewski (University of Southern Indiana)
- 2:15 p.m. Hopewellian Woodhenges: Recent Research at Hopewell Culture National Historical Park**
Bret J. Ruby (National Park Service, Hopewell Culture National Historical Park), Friedrich Lüth (German Archaeological Institute, Berlin), Rainer Komp (German Archaeological Institute, Berlin), Jarrod Burks (Ohio Valley Archaeology, Inc.), Timothy Darvill (Bournemouth University, UK), and Sebastian Messal (German Archaeological Institute, Berlin)
- 2:30 p.m. Possible Circle, Elliptical, and Quadrangle Earthworks at Crete, Illinois Compared to Those in Indiana**
Mark L. Madsen (Chicago Archaeological Society/IAAA/SSAS)
-

2:45 p.m. Break

Friday, October 5 *(continued)*

- 3 p.m. North Mounds and North Village, Clinton County, Illinois: Bioanthropology**
Della Collins Cook (Indiana University), Nell Krahnke (University of San Francisco), and Beatriz Barros (Indiana University)
- 3:15 p.m. Childhood Pathologies as Indicators of Community Health in Four West-Central Illinois Woodland and Mississippian sites**
Paige M. Dobbins (Illinois State University)
- 3:30 p.m. Toward a "Quantitative Genetic" Approach to Late Woodland Ceramic Sherd Variation: An Experimental Case Study From Northern Ohio**
Ashley Rutkoski (Kent State University)
- 3:45 p.m. Unified Theory of Cosmogram Decorations on Potteries of the Upper Midwest: Part III Late Woodland Period**
David W. Benn
- 4 p.m. Recent Archaeological Investigations at Robert Allerton Park, Piatt County, Illinois**
B. Jacob Skousen (Illinois State Archaeological Survey, Parkland College), Wayne R. Meyer (Parkland College), Jasmine Holmes (Parkland College), and Rachel V. Lawrence (Illinois State Archaeological Survey)

1:30–3:30 p.m. General Poster Session

Materials and Methods

Room 210–214

- 1 Digging into Collections: Casas Grandes Ceramics Rediscovered**
Samantha Bomkamp
- 2 Use-Wear Analysis of Lamellar Blades at the Mound House Site**
Silas L. Chapman (Illinois State University)
- 3 Thermal Eye in the Sky: Update on Iowa's Digital Archaeology Initiatives**
Angela R. Collins (University of Iowa, Office of the State Archaeologist), Mary C. De La Garza (University of Iowa, Office of the State Archaeologist), John F. Doershuk (University of Iowa, Office of the State Archaeologist), and Elizabeth C. Reetz (University of Iowa, Office of the State Archaeologist)

- 4 Mississippian Fuel: The Contextual Diversity of Firewood Taxa at Turpin**
Laura J. Crawford (The Ohio State University) and Aaron Comstock (The Ohio State University)
- 5 How Big is Big: Comparing the Size of Earthworks in the Ohio River Valley through Photogrammetric Analysis**
Jamie Davis (Ohio Valley Archaeology, Inc.)
- 6 Bicentennial Buttons: Bridging Indiana University's Past and Present Through Archaeology**
Maclaren Guthrie (Indiana University)
- 7 Historic Cuisine on the Go: A Campus Archaeology Program and MSU Food Truck Collaboration**
Autumn M. Painter (Michigan State University) and Susan M. Kooiman (Michigan State University)
- 8 Why Do We Farm?: The Effect of Climate Change and Risk on the North American Foraging-Farming Transition**
Melissa G. Torquato (Purdue University) and Erik Otárola-Castillo (Purdue University)
- 9 Finding People in Mounds of Big Data: Considerations of Late Prehistoric Demographics, Landscapes, and Archaeological Ontologies through the Digital Index of North American Archaeology (DINAA)**
Joshua J. Wells (Indiana University–South Bend), David G. Anderson (University of Tennessee, Knoxville), Stephen J. Yerka (University of Tennessee, Knoxville), Kelsey Noack Myers (LG2 Environmental Solutions), Eric Kansa (Open Context), Sarah W. Kansa (Alexandria Archive Institute), and R. Carl DeMuth (Indiana University–Bloomington)

3–4:30 p.m. Student Workshop

Industrial and Urban Archaeology

Room 202

Co-Organizers: Patrick Finnigan, Deniz Kaya, and April Sievert

Panelists: Kaeleigh Herstad (Indiana University), Krysta Ryzewski (Wayne State University), April Sievert (Indiana University), and others

This panel explores the broader impact of industrial and urban archaeology, and will address questions such as "how old is old enough?", as well as adaptive reuse and heritage preservation. Industrial and urban archaeology often goes overlooked within anthropology due to questions of "how old does something have to be before it is "historic,"" which challenge public, and even academic engagement. With this panel, we hope to more fully establish the academic and public significance of this research.

Saturday, October 6

9 a.m-11:45 a.m. General Session

Middle Mississippian to Late Prehistoric Lifeways

Auditorium

Chair: Brian G. Redmond

- 9 a.m. **Modifying the Flesh: Scratchers and Scarifiers at a Mississippian Mission**
Amanda Butler (University of Illinois)
- 9:15 a.m. **The Earth Mother in the Illinois Valley: A Female Effigy Bottle from the Orendorf Site, Fulton County, Illinois**
Lawrence A. Conrad (Western Illinois Archaeological Research Center), David H. Dye (University of Memphis), and Robert V. Sharp (Independent Researcher)
- 9:30 a.m. **Finding the Late Prehistoric Connection: Late Woodland and Oneota Cultural Relations through Pottery on Lake Koshkonong**
Seth A. Schneider (University of Wisconsin-Milwaukee) and Jennifer R. Haas (University of Wisconsin-Milwaukee)
- 9:45 a.m. **Examining Possible Perceived 'Value' of Various Lithic Materials by the Oneota in the La Crosse Area**
Zachary Allain (University of Wisconsin-Milwaukee)
- 10 a.m. **"The Place of Solemne Prayer": Intrasettlement Post and Ditch, Mortuary-Ritual Structure in Late Precontact Northern Ohio**
Brian G. Redmond (Cleveland Museum of Natural History) and Alyssa L. Davis (Cleveland Museum of Natural History)
-

10:15 a.m. Break

- 10:30 a.m. **Overview of an Excavated Wall Trench Structure from Noble-Wieting, McLean County, Illinois**
G. Logan Miller (Illinois State University)
- 10:45 a.m. **Pits, Postmolds, and Paint: A Summary of Findings from the Middle Grant Creek (11 Wi 2739) 2018 Field Season**
Mark Schurr (University of Notre Dame), Madeleine McLeester (University of Notre Dame), and Terrance Martin (Illinois State Museum)

- 11 a.m. **Huber in the Protohistoric Shadowlands**
Kjersti E. Emerson (Illinois State Archaeological Survey, University of Illinois) and Thomas E. Emerson (Illinois State Archaeological Survey, University of Illinois)
- 11:15 a.m. **Geophysical Investigations at the Lane Enclosure Oneota Site (13AM200)**
Colin Betts (Luther College)
- 11:30 a.m. **A Revised History of the Late Precontact and Historic Era Occupations of the Cloudman Site**
Susan M. Kooiman (Michigan State University) and Heather Walder (University of Wisconsin-Madison)
-

9 a.m-12 p.m. General Session

Old Materials, New Methods, and Novel Approaches

Room 100-104

Chair: Robert Ahlrichs

- 9 a.m. **Testing for Structure and Phytolith Analysis of Ridged Gardens**
Wendy Munson-Scullin (Midwest Ethnohorticulture) and Michael Scullin (Midwest Ethnohorticulture)
- 9:15 a.m. **The Twined Textile from Gete Odena: Technological Analysis and Reshaping Using Solvent Vapors**
Kay "Kakendasot" Mattena (Mercyhurst University), Edward A. Jolie (Mercyhurst University), James M. Skibo (Illinois State University), and Eric Drake (Hiawatha National Forest)
- 9:30 a.m. **Uncommon Brick: Defining Historic "Notre Dame" Brick Through Anthropological and Compositional Analysis**
Patrick Finnigan (University of Notre Dame) and Kevin Walsh (University of Notre Dame)
- 9:45 a.m. **A Study in Ceramic Decoration and Socio-Economic Status of the Baum Family**
Katelyn C. Lutzmann
- 10 a.m. **Chemical Characterization of Copper Manufacturing Debris from Two Localities in Wisconsin**
Robert Ahlrichs (University of Wisconsin-Milwaukee)
-

10:15 a.m. Break

Saturday, October 6 *(continued)*

- 10:30 a.m. Introducing the Copelin Valley Clovis Site: Kentucky's Best Kept Paleo Secret**
Steven L. Boles (Illinois State Archaeological Survey)
- 10:45 a.m. Joe Caldwell's Ghost: Adaptation and Regional Lithic Supply in the Ohio Valley, USA.**
Mark F. Seeman (Kent State University), Amanda N. Colucci (Kent State University), and Charles Fulk (Archaeological Society of Ohio)
- 11 a.m. A Key to Rim Design Elements in 19th-Century Staffordshire Transferprinted Ceramics**
Douglas Kullen
- 11:15 a.m. Archaeology for the People: Community-Based Research, Hands-On Education, and their Place in Archaeology**
Cailey D. Mullins (University of North Carolina)
- 11:30 a.m. Activism Among Archaeological Field School Students: Community Based Research Leads to Civic Engagement**
James M. VanderVeen (Indiana University-South Bend)

9:30–11:30 a.m. Poster Symposium

Food Production Past and Present: Multidisciplinary Perspectives

Room 210–214

Organizer: Jason King

- 1 Cultivating Opportunities: STEM Education and Research at the Center for American Archeology**
Jason King (Center for American Archaeology), Jane Buikstra (Arizona State University), Natalie Mueller (Cornell University) and Joshua Raymond (Arizona State University)
- 2 Why is Archaeological Little Barley Naked: A Carbonization Experiment**
Monica Corley (University of Central Arkansas) and Kathryn Kuennen (University of Iowa)
- 3 Exploring Contemporary Agricultural Identity: Community, Landscape, and Connections to the Past**
River Fuchs (Centre College) and Joshua Raymond (Arizona State University)
- 4 Calhoun County Landscape, Infrastructure, and Cultural Identity**
John Jadrich and Morgan Tanner

- 5 The Golden Eagle Site (Illinois): An Attribute Analysis of Lithics**
Blaine Burgess and Dana Mineart
- 6 Sumac for Food or Ceremony? Paleoethnobotanical Analysis of Middle Woodland Medicinal Plants**
Wendi Wingerson (Beloit College) and Natalie Mueller (Cornell University)

9:30–11:30 a.m. Poster Session

Bioarchaeology, Health, and Disease

Room 210–214

- 1 Inherited Consequences: Evidence of Fetal Alcohol Syndrome in the Milwaukee County Poor Farm Cemetery**
Sarah A. Boncal (University of Wisconsin-Milwaukee)
- 2 Squatting Facets in Woodland Populations**
Joshua S. Boone (Illinois State University) and Maria O. Smith (Illinois State University)
- 3 Tobacco Smoking and Tuberculosis in the Lower Illinois River Valley**
Savannah Leach Newell (Indiana University) and Krystiana Krupa (Indiana University)
- 4 "We Release You Once More to the Ground": Reburial of Four Euro-American Pioneer Skeletons from the Henry Woods Site, Polk County, Iowa**
Lara K. Noldner (Office of the State Archaeologist, University of Iowa), David Mayer Gradwohl (Iowa State University-Ames), Cynthia L. Peterson (U.S. Army Corps of Engineers), and Daniel K. Higginbottom (Iowa State Historic Preservation Office)
- 5 The Bioarchaeology of Instability: Nutritional Deficiency and Trauma at the Fort Ancient Site of Hardin Village**
Amber E. Osterholt (University of Nevada, Las Vegas)
- 6 A Study of a Juvenile's Remains in a Central Ohio Cholera Cemetery**
Kelli M. Wathen (Ball State University) and Giuseppe Vercellotti (Institute for Research and Learning in Archaeology and Bioarchaeology & The Ohio State University)
- 7 Foot and Ankle Squatting Facets in the Late Woodland Period Osteological Sample from the Schroeder Mounds (11HE177) Site**
Katharine C. Woollen (Illinois State University) and Maria O. Smith (Illinois State University)

Saturday, October 6 *(continued)*

1:30–4:15 p.m. Symposium

Ethnogenesis and Village Origins: Becoming Fort Ancient at the Guard Site, AD 1000–1300

Auditorium

Chair: Robert A. Cook

- 1:30 p.m. Introducing the Guard Site: Context, Layout, and Key Research Questions at One of the First Fort Ancient Villages**
Robert A. Cook (The Ohio State University), Aaron Comstock (The Ohio State University), Marcus Schulenburg (University of Wisconsin-Milwaukee), and Jarrod Burks (Ohio Valley Arch., Inc.)
- 1:45 p.m. The Guard Site Setting at the Mouth of the Great Miami River: A Common Mississippian Niche**
Benjamin Cross (The Ohio State University) and Andrew Weiland (The Ohio State University)
- 2 p.m. Chronological Complexity of the Guard Site: Combining AMS, OSL, and Fluoride Dating**
Aaron Comstock (The Ohio State University), Robert A. Cook (The Ohio State University), Mark Schurr (University of Notre Dame), and Sachiko Sakai (California State University, Long Beach)
-
- 2:30 p.m. Break**
-
- 2:15 p.m. Pottery Morphology, Design, and Compositional Analysis at the Guard Site**
Marcus Schulenburg (University of Wisconsin-Milwaukee), Robert A. Cook (The Ohio State University), and Aaron Comstock (The Ohio State University)
- 2:45 p.m. Lithic Tools and Production Debris at the Guard Site**
Sarah A. Hinkelman (The Ohio State University), Aaron R. Comstock (The Ohio State University), and Robert A. Cook (The Ohio State University)
- 3 p.m. What they Ate: A Biological Perspective at the Guard Site**
Emma M. Lagan (The Ohio State University), Robert A. Cook (The Ohio State University), and Christopher W. Schmidt (University of Indianapolis)

3:15 p.m. What they Ate: Macrobotanical and Faunal Remains at the Guard Site
Andrew W. Weiland (The Ohio State University), Lucretia Kelly (The Ohio State University), Kirby Trovillo (The Ohio State University), and Kristie R. Martin (The Ohio State University)

3:30 p.m. Fort Ancient Beginnings: The Guard Site in Regional Context
Aaron Comstock (The Ohio State University), Robert A. Cook (The Ohio State University), and Marcus Schulenburg (University of Wisconsin-Milwaukee)

3:45 p.m. Discussant: John Richards (University of Wisconsin-Milwaukee)

4 p.m. Discussant: Ian Kuijt (University of Notre Dame)

1:30–4 p.m. General Session

Landscape, Settlements, and Their Detection

Room 100–104

Chair: Jamie Countryman

- 1:30 p.m. Locating New Earthwork Sites in Old Aerial Photographs: Recent Discoveries in Central Ohio**
Jarrod Burks (Ohio Valley Archaeology, Inc.) and David Lamp
- 1:45 p.m. The Uses and Limitations of LiDAR Technology in Archaeological Research**
Pete Geraci (University of Wisconsin-Milwaukee)
- 2 p.m. Ohio Hopewell Settlement in the Uplands: the Balthaser Home Site**
Paul Pacheco (SUNY Geneseo), Jarrod Burks (Ohio Valley Archaeology, Inc.), and DeeAnne Wymer (Bloomsburg University)
- 2:15 p.m. Middle Archaic Occupations at the Edging Site, St. Clair County, Illinois**
Madeleine G. Evans (Illinois State Archaeological Survey), Dale L. McElrath (Illinois State Archaeological Survey), and Adam A. Tufano (Illinois State Archaeological Survey)
- 2:30 p.m. Along the Rock River from Byron to Rockford: Results of Recent Fieldwork**
Clare Tolmie (Illinois State Archaeological Survey), Lauren Fitts (Illinois State Archaeological Survey), Luke Cavallaris (Illinois State Archaeological Survey), and Kenton Geier (Illinois State Archaeological Survey)

2:45 p.m. Break

Saturday, October 6 *(continued)*

- 3 p.m. Reevaluation of the Mitchell Site in the Northern American Bottom, Illinois**
Robert G. McCullough (Illinois State Archaeological Survey), Donald L. Booth (SCI Engineering, Inc.), Patrick R. Durst (Illinois State Archaeological Survey), Duane E. Esarey (Illinois State Archaeological Survey), and Thomas J. Loebel (Illinois State Archaeological Survey)
- 3:15 p.m. Hidden Houses and a Hazy Hexagon: Ground-Truthing Remote Sensing Data at Middle Grant Creek**
Jamie Countryman (University of Chicago), Madeleine McLeester (University of Notre Dame), and Mark R. Schurr (University of Notre Dame)
- 3:30 p.m. The Mosaic of Middle Grant Creek: Results of the 2018 Survey at a Late Huber Site**
Charles V. H. Morse (University of Notre Dame), Mark R. Schurr (University of Notre Dame), Madeleine McLeester (University of Notre Dame), and Joi Misenti (University of Notre Dame)
- 3:45 p.m. Trade Relationships of 18th-Century Ottawa along the Grand River, Michigan**
Jessica Yann
- 4 p.m. Rice, Rice, Baby: Wild Rice and Its Effect on Native American Settlement Choice in Southeastern Michigan**
Christine N. Stephenson (Michigan Department of Transportation)

1:30–3:30 p.m. Poster Symposium

Student Centered Research in the Applied Anthropology Laboratories 2014–2018

Room 210–214

Organizer: Kevin C. Nolan

- 1 Applied Anthropology Laboratories Student Involvement Over Time: 2014–2018**
Caroline Heston (Ball State University), Christine Thompson (Ball State University), Matthew Purtil (Ball State University) and Kevin C. Nolan (Ball State University)
- 2 Searching for Singapore: Identification and Evaluation of**

Archaeological Resources in an Abandoned 19th-Century Lumber and Mill Town in Michigan

Shelby Frideger (Ball State University), Cecilia Szmuto (Ball State University), Chyan Gilasp (Ball State University), Matthew Purtil (Ball State University), and Kevin C. Nolan (Ball State University)

- 3 Fort Recovery Wayside Exhibits and Story Map**
Christine Thompson (Ball State University), Connor M. McCoy (Ball State University), Kristin Barry (Ball State University), Lisa Hensell (Ball State University), and Kevin C. Nolan (Ball State University)
- 4 Copper Mining in the Ontonagon River Basin: Preliminary Results of the 2018 BSU Summer Field School**
Charity Munro (Ball State University), Lindsey Cron (Ball State University), Tristan Spoor (Ball State University), Nicole Roberts (Ball State University), Emily Demler (Ball State University), Sage Hatcher (Ball State University), Deion Hallmon (Ball State University), David Byrd (Ball State University), Matthew Nicholas (Ball State University), Kevin C. Nolan (Ball State University), and Mark A. Hill (Ball State University)
- 5 Scale and Community in Hopewell Networks (SCHO_N): An Updated Summary**
Kevin C. Nolan (Ball State University), Mark F. Seeman (Kent State University), Mark A. Hill (Ball State University), Eric Olson (University of Akron), and Emily Butcher (Applied Anthropology Laboratories)
- 6 Archaeological Survey of a Data Deficient Region: Survey of > 900 acres in Jasper County, Indiana**
Colin Macleod (Ball State University), Christine Thompson (Ball State University), and Kevin C. Nolan (Ball State University)
- 7 Archaeological Survey of a Data Deficient Region: Survey of > 2,600 acres in Newton County, Indiana**
Jamie Leeuwrik (Ball State University), Abby Clark (Ball State University), Christine Thompson (Ball State University), and Kevin C. Nolan
- 8 A Virtual Window on the Dawn of Indiana Archaeology: Digitizing the Dolan Collection**
Dana Northam (Ball State University), Hunter Davis (Ball State University), Matthew Purtil (Ball State University), and Kevin C. Nolan (Ball State University)
- 9 Central Ohio Archaeological Digitization Survey (COADS)**
Eric C. Olson (University of Akron), Kelli Wathen (Ball State University), Andrew Weiland (The Ohio State University), Kevin C. Nolan (Ball State University), and Michael J. Shott (University of Akron)

10 Archaeological Survey of a Data Deficient Region: Survey of >900 acres in Southern Fulton County, Indiana

Cecilia Szmuto (Ball State University), Lindsey Cron (Ball State University), Christine Thompson (Ball State University), and Kevin Nolan (Ball State University)

11 NAGPRA Process and Progress at Ball State University

Christine Thompson (Ball State University), S. Homes Hogue (Ball State University), Cailin Murray (Ball State University), Kevin C. Nolan (Ball State University), and Sneha Chavali (University of Wisconsin)

12 Archaeological Survey of a Data Deficient Region: Survey of >1,700 acres in Benton County, Indiana

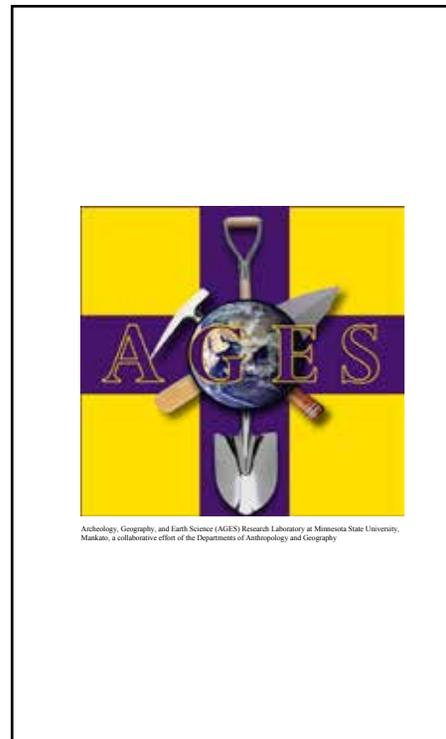
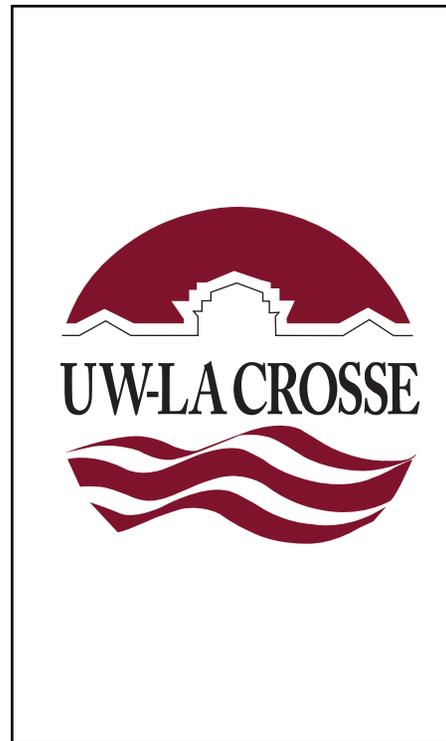
Christine Thompson (Ball State University), Kevin C. Nolan (Ball State University), and Amanda Balough (Commonwealth Heritage Group)

13 Exploring Urban Landscape Change at Fort Recovery, Ohio

Christine Thompson (Ball State University), Mark Groover (Ball State University), Amanda Balough (Commonwealth Heritage Group), and Bryan Mitchell (Ball State University)

14 Ottawa National Forest Archaeological Resource Management Plan

Kelli M. Wathen (Ball State University), Shelby Frideger Cornett (Ball State University), Cecilia Szmuto (Ball State University), David K. Byrd (Ball State University), Chyan M. Gilaspy (Ball State University), Robin N. Johnson (Ball State University), Connor M. McCoy (Ball State University), Tristan M. Spoor (Ball State University), and Kevin C. Nolan (Ball State University)



Archaeology, Geography, and Earth Science (AGES) Research Laboratory at Minnesota State University, Mankato, a collaborative effort of the Departments of Anthropology and Geography



5–6 p.m. MAC Business Meeting

Auditorium



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