79th Annual Meeting

Eastern States Archaeological Federation

October 25-28, 2012

HOLIDAY INN – FRENCH QUARTER
PERRYSBURG, OH
The Ohio Archaeological Council is a private, non-profit corporation registered with the State of Ohio in 1975 as a charitable scientific and educational organization promoting the advancement of archaeology in Ohio. The Ohio Archaeological Council consists of professional archaeologists, avocational archaeologists, and interested students of Ohio archaeology. Membership is open to all persons and institutions with an interest in Ohio archaeology.

Among the purposes of the Ohio Archaeological Council as defined in the Articles of Incorporation are:

- To create a coordinated group of professionally competent archaeologists representing all regions of the State of Ohio to provide consultation, aid, and advice to any and all citizens and state and federal agencies;
- To serve as a clearing house for archaeological, prehistoric, and culture-historical data pertinent to the aboriginal peoples and the early pioneers of the State of Ohio;
- To promote the conservation and preservation of archaeological sites and records of early culture history and to develop among the general public an appreciation of these irreplaceable resources and an awareness of the need for such action;
- To organize, coordinate and give assistance to archaeological programs within the State of Ohio.

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Rob Cook  
Joni Manson

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ESAF 2012 Meeting Organizers

Program
John P. Nass, Jr. (California University of Pennsylvania)

Local Arrangements
Martha P. Otto (Ohio Historical Society)
Meeting Information

ESAF 2012 Host is the Ohio Archaeological Council

Registration is outside of the Wooden Indian Rooms next to J. Patrick Pub and Restaurant

Book Room is in the Wooden Indian Rooms

Sessions will be held in the Forum Theater and the Depot Tracks 4 and 5

The Executive Board meeting on Saturday afternoon is in the Depot Tracks Rooms 4 and 5

The business meeting on Saturday afternoon is in the Depot Tracks Rooms 4 and 5

The Thursday night reception is sponsored by the Ohio Archaeological Council in the hospitality room, The Club Car

The Friday night Canadian/American Reception is in the hospitality room, the Club Car

Friday refreshment breaks sponsored by Archaeological Services Group, Inc. (Columbus, Ohio) and The Mannik and Smith Group, Inc. (Maumee, Ohio)

Canadian/American Friendship Party on Friday Evening will be in the hospitality room, The Club Car

Saturday refreshment breaks sponsored by Archaeological Research Associates, LTD. (Ontario, Canada) and Michael Baker Engineering (Pittsburgh, Pennsylvania)

The Banquet will be held on Saturday evening in the Depot Tracks 1 and 2

Banquet speaker Dr. John Steinberg, Research Scientist, Fiske Center for Archaeological Research, University of Massachusetts

Lecture Title: "The Viking Age Settlement of Iceland: Sagas, Geophysics, and Archaeology"

The winner of the Student Paper Prize will be announced at the banquet on Saturday Evening
### Program at a Glance

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tr>
<td>Thursday afternoon</td>
<td>130-5pm</td>
<td>Fort Meigs Tour</td>
<td>Tickets purchased at site</td>
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<tr>
<td>October 25</td>
<td>1-5pm</td>
<td>Registration</td>
<td>Lobby</td>
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<td>7-10pm</td>
<td>Reception sponsored by the Ohio Archaeological Council</td>
<td>Hospitality Room, The Club Car</td>
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<tr>
<td>Friday Morning, October 26</td>
<td>800am</td>
<td>Welcome Remarks by ESAF President and OAC President</td>
<td>Depot Tracks 4 and 5</td>
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<td></td>
<td>830am-noon</td>
<td>War of 1812 Session</td>
<td>Depot Tracks 4 and 5</td>
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<td></td>
<td>830am-noon</td>
<td>Geophysical Approaches to Investigating Archaeological Sites</td>
<td>Forum Theater</td>
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<td>Noon</td>
<td>ESAF Executive Board Meeting</td>
<td>Depot Tracks 4 and 5</td>
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<td></td>
<td>130-3PM</td>
<td>War of 1812 Session (continued)</td>
<td>Depot Tracks 4 and 5</td>
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<tr>
<td>Friday Afternoon</td>
<td>1-5pm</td>
<td>Contributed Papers Session</td>
<td>Forum Theater</td>
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<tr>
<td>October 26</td>
<td>3-430pm</td>
<td>Poster Session</td>
<td>Depot Tracks 4 and 5</td>
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<td></td>
<td>8-12pm</td>
<td>Canadian/American Friendship</td>
<td>Hospitality Room, The Club Car</td>
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<tr>
<td>Saturday Morning, October 27</td>
<td>8am-1230pm</td>
<td>OAC Symposium, Building the Past: Recent Research on Prehistoric Wooden Post Architecture in Ohio.</td>
<td>Depot Tracks 4 and 5</td>
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<td>830am-noon</td>
<td>Archaeology of 19th Century Commercial and Industrial Sites</td>
<td>Forum Theater</td>
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<tr>
<td>Saturday Afternoon, October 27</td>
<td>1-4pm</td>
<td>the Jack’s Reef Horizon and Its Place in the Early Late Woodland Mortuary and Settlement Patterns of Northeastern North America</td>
<td>Forum Theater</td>
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<td>400pm</td>
<td>ESAF General Business Meeting</td>
<td>Depot Tracks 4 and 5</td>
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<td>400pm</td>
<td>OAC Fall Meeting</td>
<td>Forum Theater</td>
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<td>Saturday Evening, October 27</td>
<td>600pm</td>
<td>Cash Bar</td>
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<td>700pm</td>
<td>Banquet</td>
<td>Depot Tracks 1 and 2</td>
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<td></td>
<td>830pm</td>
<td>Evening Social Gathering</td>
<td>Hospitality Room, The Club Car</td>
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<tr>
<td>Sunday morning, October 28</td>
<td></td>
<td>Fort Meigs Tour</td>
<td>Tickets purchased at site</td>
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EASTERN STATES ARCHAEOLOGICAL FEDERATION
ANNUAL MEETING

October 25-28, 2012 Holiday Inn-French Quarter Perrysburg, OH

Thursday, October 25 (Afternoon)

1:30 – 5:00 PM  A special tour for ESAF attendees of Fort Meigs, a reconstructed War of
1812 fort and museum, will occur on Thursday, Oct. 25 at 1:30 p.m. Special
admission price is $7.00. People attending pre-meeting tour of Fort Meigs
pay fee at the site. Fort Meigs www.fortmeigs.org/ is located about 3 miles
from the Holiday Inn.

1:00 – 5:00 PM  Registration in Lobby

7:00 – 10:00 PM  Opening Reception. Hospitality Room, The Club Car, cash bar
and snacks (Sponsored by the Ohio Archaeological Council)

Friday, October 26 (Morning)

8:00am  Registration, Book and Exhibits Room
8:00am  Welcoming Remarks, Depot Tracts Rooms 4 and 5
        Dean Knight, ESAF President
        Lynn Hanson, OAC President

Depot Tracks 4 and 5

Session 1  War of 1812 Symposium,
Organizers John Nass, Jr. and Tim Abel
Chair: Tim Abel
The session is dedicated to examining the War of 1812 from Canadian, American and Native
American perspectives. Papers in the session will focus on the war as seen from battlefields,
domestic sites, Native American, and military installations, including forts and encampments.

8:30am  Welcome and Symposium Overview, John Nass and Tim Abel
8:40am  War of 1812: the Indigenous View. Clarissa Confer (California University of
        Pennsylvania)
9:00am  Fort Erie: An Ugly Customer for Fifteen Hundred Men to Attack Six
9:20am  Provincial Marine to Royal Navy: Archaeological Evidence of the War of
        1812 at Kingston’s Naval Dockyard. Susan M. Bazely (Kingston, Ontario)
9:40am  Let it be Well Done: Community Archaeology and Michigan’s First Road..
        Daniel F. Harrison (Henry Ford Community College)
10:00am  Break (Sponsored by ASC Group, Inc., Columbus, Ohio)
10:20am  The Spafford Farmstead (33WO50) in Wood County. Ohio: An
        Archaeological Window to the War of 1812 After the Fall of Detroit and
        Before the First American Victory at Fort Meigs. Patrick M. Tucker and
        David M. Stothers (University of Toledo)
10:40am  "The days are cold and the nights much colder."  The Archaeology of Col. Zebulon Pike’s 1812-1813 Winter Encampment in Plattsburgh, New York.  
Timothy J. Abel (Clinton Community College)

11:00am  Variability in State Militia and Regular Army Refuse Disposal Patterns at Fort Meigs: a War of 1812 Fortified Encampment by American Army Forces on the Maumee River in Northern Ohio.  John P. Nass, Jr. (California University of Pennsylvania)

11:20am  “I’ll Never be Noticed on a Galloping Horse”: The Occurrence of the Fort Meigs Double Horse Burial.  William Pickard (The Ohio Historical Society)

Noon  Lunch on your own. ESAF Executive Board Meeting.

Friday, October 26 (Morning)  
Forum Theater

Session 2: Geophysical Approaches to Investigating Archaeological Sites  
Organizer and Chair Beverly Chiarulli
The session is dedicated to papers that summarize the application of non-destructive investigations of historical and prehistoric archaeological sites.

8:30am  Great Remote Sensing Data but Who's Viewing?  David Gutbrod (Westford, Mass)

8:50am  Use of Space and Interaction at Taylor Village.  Mary Farrell (Ball State University)

9:10am  Using Archaeological Geophysics to Develop Student Professionalism.  
Beverly Chiarulli (Indiana University of Pennsylvania)

9:30am  A Geophysical Investigation of the Squirrel Hill Site and its Relationship to the Monongahela Culture.  Lydia S. DeHaven (Indiana University of Pennsylvania)

9:50am  Break (Sponsored by ASC Group, Inc., Columbus, Ohio)

10:10am  Locating the French and Indian War Era Native American Settlement at Augwick Old Town.  Ryan Spittler (Indiana University of Pennsylvania)

10:30am  Geophysics at the Lower Leibhart Site (36YO170).  Sara C. Rubino (Indiana University of Pennsylvania)

10:50am  Augmenting Social Memory: the Application of Geophysical Survey Results at Old Smicksburg Park, Indiana County, Pennsylvania.  Mike Whitehead and Ryan Clark (Indiana University of Pennsylvania)

11:10am  Discussant: Jarrod Burks (Ohio Valley Archaeology, Inc.)

Noon  Lunch on your own. ESAF Executive Board Meeting.
Friday, October 26 (Afternoon)
Forum Theater

Session 3: Contributed Papers Session, Chair: Brain Fritz

1:00pm Surveying and Excavating Late Prehistoric Sites Along the Walhonding River in Central Coshocton County, Ohio. Nigel Brush (Ashland University), Jarrod Burks (Ohio Valley Archaeology, Inc.), P. Nick Kardulias (College of Wooster), and James Morton (Ashland/Wooster/Columbus Archaeological and Geological Consortium)

1:20pm The Late Woodland Period Ceramics from the Wansack Site (36Me61, Mercer County, Pennsylvania. William Johnson (Society for Pennsylvania Archaeology) and P. Nick Kardulias (College of Wooster)

1:40pm On Late Prehistoric Agriculture in the Lower New River Valley, David Fuerst (New River Gorge National River)

2:00pm Soil Geomorphology of the Millstone Site(36El204)Allegheny National Forest, Elk County, Pennsylvania. Brian Fritz (Quemahoning, LLC.)

2:20pm From Fields to Mouths: the Signs and Symptoms of Agriculture on Native American Health in Southwestern Pennsylvania. Erin Morgan (California University of Pennsylvania)

2:40pm Break (Sponsored by The Mannik and Smith Group, Inc., Maumee, Ohio)

3:00pm Results of Initial Excavations at the Adams Site, Monroe County Michigan. Kenneth Mohney (Monroe County Community College)


3:40pm Staging the Landscape: Storage and Mobility during the Late Prehistoric Period in the Lower Grand River Valley of West Michigan as Seen from 20OT283. Michael J. Hambacher (Commonwealth Cultural Resources Group, Inc.)

4:00pm Machine Enhanced Excavations at the Paleo-American Sites in Michigan and Illinois. Don Simons (Michigan Archaeological Society)

4:20pm An Update on the Middle Woodland (100 BC.-500 AD.) Hopewellian Esch Phase North Central Ohio Heckelman Site Linear Ditches, Exploratory Trenches, and the Possibility of Competition for Canadian Resources. Glenwood Boatman (Western Lake Erie Archaeological Research Program) and David M. Stothers (University of Toledo).

4:40pm Density Analysis of Cultural Materials Recovered in Buried Secondary Refuse Deposits at the Lady’s Run Site (33Ro1105): Implications for Ohio Hopewell Sedentism. Sandra Bender (SUNY Geneseo) and Erin Steinwachs (SUNY Geneseo)

8:00pm Canadian/American Friendship Party (Hospitality Room, The Club Car)
Session 2 War of 1812 Symposium (continued)
Chair: Tim Abel

1:30pm  
A Link in the “Connected Chain of Outposts”: The British Encampment at Nottingham, Maryland. Michael T. Lucas, Kristin M. Montaperto, and Emily Swain (Maryland-National Capital Park and Planning Commission)

1:50pm  

2:10pm  
Discussant. David Orr (Temple University)

2:40pm  
Break (Sponsored by The Mannik and Smith Group, Inc., Maumee, Ohio)

3:00-4:30pm  
Poster Session Depot Tracks 4 and 5

Quataert, Robin (SUNY Geneseo) Middle Late Woodland/ Jack’s Reef Horizon Occupations on Brown’s Bottom, Ross, County, Ohio.

Steinwachs, Erin (SUNY Geneseo) and Sandra Bender (SUNY Geneseo) “I Got a Rock”: FCR as an Indicator of Sedentism in Ohio Hopewell Domestic Sites in the Central Scioto Valley.

Westmont, V. Camille (University of Kentucky) and Nicolas R. Laracuente (University of Kentucky), Preliminary Findings from Archaeological Investigations at Buffalo Trace Distillery.

8:00pm  
Canadian/American Friendship Party (Hospitality Room, The Club Car)

Saturday, October 27 (Morning)
Depot Tracks 4 and 5

8:00 a.m.  
Registration and Book/Display Room Open

Organizer and Chair: Brian Redmond
This session examines examples of Late Archaic to Late Prehistoric architecture in Ohio from ceremonial as well as domestic contexts.

8:00am  
Detecting Prehistoric Structure Remains in Geophysical Surveys: a Middle Ohio Valley Perspective. Jarrod Burks (Ohio Valley Archaeology, Inc.)
8:20am  
_Dwelling on the Past: Late Archaic Structures of Ohio and the Ohio River Region_. Matthew P. Purtill and Patrick D. Trader (Gray & Pape, Inc.)

8:40am  
The Ecology of Indigenous Domestic Architecture in the Hocking River Valley, Ohio. Elliot M. Abrams and Paul E. Patton (Ohio University)

9:00am  
The Several Uses of Wooden Posts During the Hopewell Era. N’omi Greber (The Cleveland Museum of Natural History)

9:20am  
_Interpreting Form and Function for Prehistoric Wooden Post Architecture: the McCammon Circle (33DL275)._ Justin P. Zink (Weller & Associates, Inc.)

9:40am  
Break (Sponsored by Archaeological Research Associates, LTD, Ontario, Canada)

10:00am  
The End. Robert V. Riordan (Wright State University)

10:20am  
Wall-Trench Houses Before Their Time; Unexpected Building Methods at the Ohio Hopewell Stubbs Earthworks. Frank L. Cowan (Hartgen Archeological Associates, Inc.)

10:40am  
_Wooden Architecture at Fort Ancient: a Middle Woodland Hilltop Enclosure_. Ted S. Sunderhaus (Cincinnati Museum Center)

11:00am  
The Organization and Use of Interior Space Observed in Three Complete Scioto Hopewell Wooden Structures from Brown’s Bottom, Ross County, Ohio. Paul J. Pacheco (SUNY Geneseo), Jarrod Burks (Ohio Valley Archaeology, Inc.), and Dee Ann Wymer (Bloomsburg University of Pennsylvania)

11:20am  

11:40am  
Home is Where the Wall Trench is: an Examination of Fort Ancient-age Wall Trench Structures in Southwest Ohio. Robert A. Genheimer (Cincinnati Museum Center), and Robert A. Cook (The Ohio State University)

Noon  

12:30pm  
Lunch on your own.

**Saturday, October 27 (Morning)**

**Forum Theater**

**Session 5: Archaeology of 19th Century Commercial and Industrial Sites**

Organizer and Chair: Marc Henshaw, Michigan Technological University

General Session dedicated to papers pertaining to 19th century domestic and industrial sites, especially those investigations of sites that pre-date the Civil War.

8:30am  

8:50am  
9:10am  Archaeological Investigations of Control and Autonomy at the Colony Farm of the Michigan State Asylum, 1880-1950. Alison Thornton (Western Michigan University)

9:30am  The “Foundation” of A Nation: A Brief Glimpse into the Industrialization of America. Kyle Norman (California University of Pennsylvania) and Marc Henshaw (California University of Pennsylvania)

9:50am  We Feed All! Farmers and the Transformation of Industrial Capitalism. LouAnn Wurst (Western Michigan University)

10:10am  Break (Sponsored by Archaeological Research Associates, LTD, Ontario)

10:30am  Property relations as Class Relations in Early 20th Century Agriculture on the Hector Backbone. Dustin Conklin (Western Michigan University)

10:50am  It’s Not the Size of the Farm, but the Relations in the Field: Small-Scale Farms as Capitalist Enterprises. Mark Hoock (Western Michigan University)

11:10am  Family Values: Household and Family Consumption Patterns in the 19th Century. Stephen Damm (Western Michigan University)

11:30am  Preliminary Findings from Archaeological Investigations at Buffalo Trace Distillery. Nicolas R. Laracuente (University of Kentucky) and V. Camille Westmont (University of Kentucky)

Noon  Lunch on your own.

Saturday, October 27(afternoon)
Forum Theater

Session 6: AFTER HOPEWELL: the Jack’s Reef Horizon and Its Place in the Early Late Woodland Mortuary and Settlement Patterns of Northeastern North America
Organizer and Chair: John Halsey

What came after Hopewell? Where did it come from? And what happened to it? Over the last quarter-century, archaeologists from Maine to Kentucky and Illinois to Maryland have identified a conspicuous cultural horizon characterized by the ubiquitous presence of “Jack’s Reef” projectile points, in both corner-notched and pentagonal forms. In some areas, it is best known through cemeteries, burials intruded into mounds and purpose-built mounds. The exotic nature of the artifacts, especially the chert types employed, usually appear “intrusive” in the local cultural sequence.

This phenomenon goes by many names, usually dependent on where the discovery was made, e.g., “Intrusive Mound” in Ohio, “Wayne Mortuary Complex” in Michigan, “Island Field” in Delaware, “Albee Phase” in Indiana, “Point Peninsula” in New York. Recent discoveries by Darrin Lowery in the coastal Middle Atlantic region have suggested that the Chesapeake Bay area must also be given major consideration in any syntheses. The tendency in the past to focus on local contexts, has made it difficult to appreciate and understand the enormous geographic range of the “Jack’s Reef Horizon.” The purpose of this “symposium/theme issue” is to draw together contributions from states and Canadian provinces having significant “Jack’s Reef Horizon” components, to explore its origins and temporal range, to examine its artifact content, the commonalities and differences that exist between regions, and its ultimate fate.

12:50pm  Jack’s Reef in the Chesapeake and Delmarva Region: Research into the Coastal Archaeology of the Era between 480calAD and 900 cal AD. Darrin L. Lowery (Chesapeake Watershed Archaeological Research Foundation)
1:10pm  
**Robert Goodby,** (Franklin Pierce University)

1:30pm  
*An Examination of Jack’s Reef in New Jersey.*  
**Jesse Walker** (Richard Grubb & Associates, Inc.)

1:50pm  
*After Hopewell in Southern Québec.*  
**Christian Gates St-Pierre** (Université de Montréal) and **Claude Chapdelaine** (Université de Montréal)

2:10pm  
*Intrusive Mound, Western Basin, and the Jack’s Reef Horizon: Reconsidering the Late Woodland Archaeology of Ohio.*  
**Brian G. Redmond** (The Cleveland Museum of Natural History)

2:30pm  
Break (Sponsored by Michael Baker Corporation, Pittsburgh, Pennsylvania)

2:40pm  
*After Hopewell: The Late Woodland and Jack’s Reef Horizon In Kentucky.*  
**Jonathan P. Kerr** (Cultural Resource Analysts, Inc.)

3:00pm  
*The Gibraltar Phase: An Early Late Woodland, Western Lake Erie and St. Clair-Detroit River System, a Regional Expression of the Jack’s Reef Horizon (ca. 500 to 750 A.D.)*  
**David M. Stothers** (University of Toledo)

3:20pm  
*More Than Grave Lots?: The Jack’s Reef Horizon in Michigan.*  
**John R. Halsey** (East Lansing) and **Janet G. Brashler** (Grand Valley State University)

3:40pm  
*The Jack’s Reef Point Type and Its Distribution and Arrival in Illinois.*  
**Madeleine G. Evans** (Illinois State Archaeological Survey) and **Andrew C. Fortier** (Illinois State Archaeological Survey)

4:00 pm  
ESAF General Business Meeting Depot Tracks 4 and 5

4:00 pm  
OAC Business Meeting Forum Theater

6:00pm  
Cash Bar

7:00 pm  
Banquet Buffet

**Banquet Speaker:** Dr. John Steinberg, Fiske Center for Archaeological Research, University of Massachusetts.

**Presentation Title:** *The Viking-Age Settlement of Iceland: Sagas, Geophysics, and Archaeology.*

8:30pm  
Hospitality Room, The Club Car