

ARCHAEOLOGY DAY 2017



SATURDAY
OCTOBER 28, 2017
10 A.M. – 4 P.M.

MICHIGAN HISTORY CENTER
702 W KALAMAZOO ST.
LANSING, MI 48915





WELCOME TO MICHIGAN ARCHAEOLOGY DAY 2017

We think you're going to have a great time, whether this is your first Archaeology Day or you come every year. Archaeologists who work in Michigan are stationed throughout the first and second floors of the museum where they will tell you about their research, show you some of the artifacts they have found and answer your questions. In the Forum auditorium there will be presentations about archaeology as a career, early Native Americans, dugout canoes and early trade practices. We have hands-on activities for kids, you can watch a flintknapper make stone tools and everyone can try throwing a spear using an atlatl. We even have a room where you can help solve puzzles. Feeling adventurous? Participate in our new scavenger hunt to win a prize! So tour the galleries, have a seat in the auditorium, make a clay pinch pot ask lots of questions and...

HAVE FUN!

PRESENTATIONS

FORUM AUDITORIUM, 11:00 A.M. – 3:00 P.M.

11:00 A.M. SHIPWRECKS, MASTODONS AND ARTIFACTS: A CAREER IN ARCHAEOLOGY

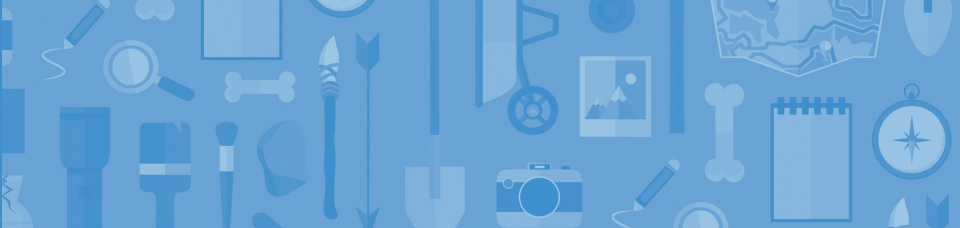
State Maritime Archaeologist Wayne Lusardi is stationed at Thunder Bay National Marine Sanctuary in Alpena. Wayne's career began 30 years ago working with archaeologists and paleontologists and helping reconstruct mastodon skeletons for exhibit. His interest in scuba diving and conserving artifacts led to a graduate degree in maritime history and nautical archaeology. Work on the wreck of the pirate Blackbeard's ship and the Civil War ironclad *USS Monitor* followed. Today Wayne's duties at Thunder Bay include documenting the nearly 200 shipwrecks in northern Lake Huron, managing archaeological collections and engaging the public through education and outreach programs.

PRESENTER: WAYNE LUSARDI,
STATE MARITIME ARCHAEOLOGIST,
THUNDER BAY NATIONAL MARINE SANCTUARY

12:00 P.M. A BEGINNER'S GUIDE TO FOOD STORAGE

Learn how experimental archaeology was used to understand the technology behind prehistoric food storage. Drawing on archaeological, ethnographic and ethnohistoric information, this research accurately recreated subterranean storage pits for the late Woodland period (A.D. 1000–1600) of the northern Lower Peninsula of Michigan. The experiment tested the efficiency, capacity and reliability of prehistoric hunter-gatherer food storage pits.

PRESENTER: KATE FREDERICK, DOCTORAL CANDIDATE,
MICHIGAN STATE UNIVERSITY
DEPARTMENT OF ANTHROPOLOGY



1:00 P.M.

**NO PASSPORT REQUIRED:
TRACING PAST POPULATION MOVEMENTS
USING GLASS TRADE BEADS**

During the 17th and 18th centuries, glass trade beads circulated widely across North America, where they were exchanged for furs, food and other goods. This was also a period of dynamic population movements among Native American groups, in particular Huron-Wendat communities. Using laser technology to analyze the composition of beads from archaeological sites in both Ontario and Michigan, it is now possible to trace distinct glass bead “recipes” across the Great Lakes region. In doing so, we gain new insight about the movement of people during a time of intensive intercultural interaction in Michigan and beyond.

PRESENTER: DR. HEATHER WALDER,
VISITING ASSISTANT PROFESSOR,
NORTHERN ILLINOIS UNIVERSITY

2:00 P.M.

DUGOUTS: CANOEING THE OLD-FASHIONED WAY

Dugout canoes are among the earliest types of boats fashioned by humans. Preserved examples of these watercraft have been found all over the world, usually submerged and embedded in lake bottoms or river beds. As an experimental archaeology project, the Huron-Manistee National Forest Heritage Program and the Hartwick Pines State Park interpretive staff teamed up during the summers of 2016 and 2017 to construct two dugout canoes using traditional methods. Working with Eastern White Pine logs, the team examined the efficiency and effectiveness of construction techniques and then tested the viability of their finished products on the Au Sable River.

PRESENTER: JAMES RENN, FOREST ARCHAEOLOGIST,
HURON-MANISTEE NATIONAL FOREST



HANDS-ON ACTIVITIES & DEMOS

MULTIPLE LOCATIONS, 10:00 A.M. – 4:00 P.M.

FRONT LAWN | ARCHAIC HUNTING SKILLS

Practice hitting a deer using darts and an atlatl (spear thrower) like those used in Michigan forests thousands of years ago.

PRESENTER: MIKE MAUER, MICHIGAN ARCHAEOLOGICAL SOCIETY

ROTUNDA | SCAVENGER HUNT CHECK-IN

Join us for Archaeology Day's first-ever scavenger hunt! When you have completed seven or more tasks from the scavenger hunt list found in the event agenda, bring your insert and any other required "proof" here to claim your prize.

PRESENTER: MICHIGANOLOGY, MICHIGAN HISTORY CENTER

MUSEUM – 1ST FLOOR | TIME LAB (KIDS UNDER 10)

MOCK EXCAVATION AND STRATIGRAPHY LESSON

Look for pieces of the past and learn how archaeologists document sites. Free archaeology activity books!

PRESENTER: ALEXANDRA CONELL, ALMA COLLEGE SOCIOLOGY AND ANTHROPOLOGY DEPARTMENT

LEARNING LAB 1 | BREAK INTO HISTORY

Uncover clues, solve puzzles and work as a team to help our archaeologists! These Breakout games are designed for groups of two to six people, so assemble your team and stop by to attempt one of our challenges.

PRESENTER: MICHIGAN HISTORY CENTER

LEARNING LAB 2 | PINCH POTS

Make and decorate your very own pottery using centuries-old techniques.
(Materials donated by Commonwealth Heritage Group)

PRESENTER: COMMONWEALTH HERITAGE GROUP

DEMOS & INFORMATION STATION

MUSEUM, 10:00 A.M. – 4:00 P.M.

MUSEUM - 2ND FLOOR | FLINTKNAPPING

How did people hunt and butcher game before there were guns and steel knives? Watch an expert make stone tools to get the job done.

PRESENTER: DOUGLAS ALCORN, MICHIGAN FLINTKNAPPERS

MUSEUM - 1ST FLOOR ROTUNDA | INFORMATION STATION

MICHIGAN STATE HISTORIC PRESERVATION OFFICE

Bethany Berdes

CONFERENCE ON MICHIGAN ARCHAEOLOGY AND MICHIGAN ARCHAEOLOGICAL SOCIETY

Dr. Michael Hambacher and David Cusack

MICHIGAN DEPARTMENT OF TRANSPORTATION ARCHAEOLOGY

Chris Stephenson and Dan Lauterbur

MICHIGAN HISTORIC PRESERVATION NETWORK

Elaine Robinson and Xiaohan Bao Smith

RESEARCH TOOLS FOR ARCHAEOLOGISTS AT THE LIBRARY OF MICHIGAN

Matthew Pacer and Edwina Murphy



REMEMBER TO PICK UP YOUR **FREE 2017**
MICHIGAN ARCHAEOLOGY POSTER

(There is an additional table on the second floor)



EXHIBITORS

MUSEUM GALLERIES, 10:00 A.M. – 4:00 P.M.

MUSEUM – 1ST FLOOR SPECIAL EXHIBITS GALLERY

HURON-MANISTEE NATIONAL FOREST HERITAGE PROGRAM

James Renn, United States Forest Service

GREENSKY HILL METHODIST MISSION CHURCH & THE CIRCLE OF TREES: ARCHAEOLOGY, HISTORY & ORAL HISTORY OF A TRADITIONAL CULTURAL PROPERTY/ LANDSCAPE NEAR CHARLEVOIX

Dr. Misty Jackson, Arbore Croche Cultural Resources; Calvin Gillett, Private Consultant; and Melissa Wiatrolak, Little Traverse Bay Bands of Odawa Indians

MUSEUM – 2ND FLOOR GALLERIES

AVIATION ARCHAEOLOGY IN MICHIGAN

Wayne Lusardi, Thunder Bay National Marine Sanctuary

WHAT'S THE DIFFERENCE BETWEEN AN ARCHAEOLOGIST AND A PALEONTOLOGIST? WHAT ARE ALL THESE OTHER “-OLOGIES” ANYWAY?

Cameron Wood, Cranbrook Institute of Science

WARNER PIONEER HOMESTEAD

Tim and Kerry Bennett, Warner Pioneer Homestead

2017 ARCHAEOLOGICAL FIELD SCHOOL RESULTS

Dr. Sarah Surface-Evans, Central Michigan University Archaeological Program

CAMPUS ARCHAEOLOGY PROGRAM

Dr. Lynne Goldstein, Stacey Camp, Susan Kooiman, Lisa Bright, Mari Isa, Jack Biggs, Kaleigh Perry, Cooper Duda, Desiree Quinn, Jeff and Autumn Painter, Michigan State University Department of Anthropology

COLONIAL MICHILIMACKINAC

Dr. Lynn Evans, Mackinac State Historic Parks

FORT ST. JOSEPH ARCHAEOLOGICAL PROJECT

Erika Loveland and Anne Volpe, Western Michigan University



COMMUNITY-BASED ARCHAEOLOGY WITH THE ZIIBIWING CENTER OF ANISHINABE CULTURE & LIFEWAYS

Shannon Martin, Ziibiwing Center of Anishinabe Culture and Lifeways

UNDERWATER ROBOTS EXPLORE GREAT LAKES SHIPWRECKS

Dr. Mark Gleason, Grand Valley State University

HOW STONES & MINERALS INFLUENCE ARCHAEOLOGY

Dave Berquist, Central Michigan Lapidary and Mineral Society

**WORKER'S EXPERIENCE IN THE NORTHERN FOREST:
LUMBER & LABOR IN THE HIAWATHA NATIONAL FOREST**

Dr. LouAnn Wurst, Brendan Doucet, Tyler Allen, Matthew Durocher and James Schwaderer, Michigan Technological University

**EXCAVATIONS IN COPPER HARBOR:
THE ASTOR HOUSE & RANGE LIGHT KEEPER'S HOUSE**

Sheldon Cooper, Kyla Valenti and Morgan Davis,
Michigan Technological University

COMMONWEALTH HERITAGE GROUP: RECENT RESEARCH

Donald Weir, Commonwealth Heritage Group

OAKLAND UNIVERSITY ARCHAEOLOGY PROGRAM

Dr. Jon Carroll, Oakland University

**WAYNE STATE ANTHROPOLOGY DEPARTMENT & GORDON GROSSCUP
MUSEUM OF ANTHROPOLOGY**

Dr. Thomas Killion, Dr. Megan McCullen, Kelsey Jorgensen, Carly Slank, and Dan Harrison, Wayne State University
Scott Bentley, NPS River Raisin National Battlefield Park

**TALES FROM THE PRINTER'S PRIVY:
AN ARCHAEOLOGICAL BIOGRAPHY FROM DETROIT**

Dr. Robert Chidester, The Mannik & Smith Group, Inc.





RESOURCES AND LOCATION MAP

TO LEARN MORE ABOUT MICHIGAN ARCHAEOLOGY

Visit the State Archaeologist online at **MICHIGAN.GOV/ARCHAEOLOGY** to find links to information about archaeology in Michigan, including university field schools featured at Archaeology Day.

Join the Michigan Archaeological Society as it explores the past. There are local chapters across the state and meetings are open to the public. Many libraries carry the society's journal, **The Michigan Archaeologist**. Visit the MAS website for details at **MIARCH.ORG**.

Check out **Retrieving Michigan's Buried Past: The Archaeology of the Great Lakes State**, edited by John R. Halsey and Michael D. Stafford (1999). This book is an overview of our state's archaeological heritage.

Look at **Beneath the Inland Seas: Michigan's Underwater Archaeological Heritage**, edited by John R. Halsey and Wayne Lusardi (2008). This book looks at the archaeology of shipwrecks and other maritime resources on the bottomlands of the Great Lakes.

TO LEARN MORE ABOUT THE PRESERVATION OF ARCHAEOLOGICAL AND ABOVE-GROUND HISTORIC RESOURCES

Visit the State Historic Preservation Office at **MICHIGAN.GOV/SHPO** to find information about the National Historic Preservation Act, recognition and financial incentive programs such as the National Register of Historic Places, the Michigan Lighthouse Assistance Program and the Federal Historic Preservation Tax Credits, which assist with preserving Michigan's historic sites.





Women's Restrooms



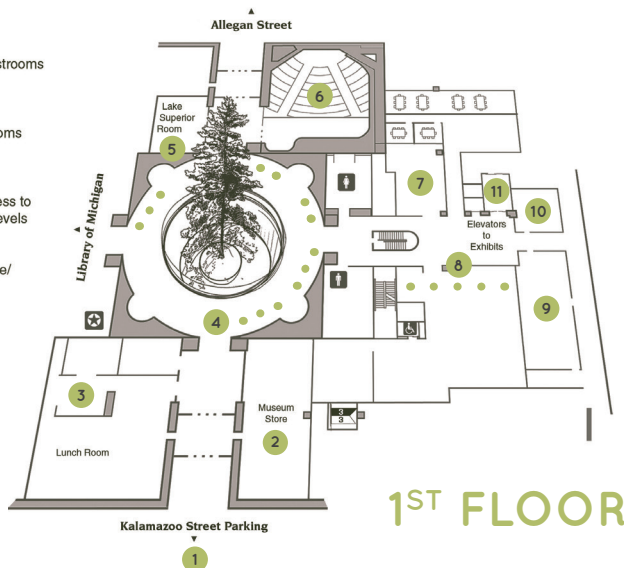
Men's Restrooms



Elevator Access to
Mezzanine Levels



Security Office/
Lost & found



1ST FLOOR



2ND FLOOR

1 Archaic Hunting Skills

2 Museum Store

3 Snack Shop

4 Information Station
& Free Posters

5 Scavenger Hunt Check-In

6 Forum Presentations

7 Mock Excavation &
Stratigraphy Lesson

8 1st Floor Exhibitors

9 Pinch Pot Making

10 Breakout Games

11 Elevators to
2nd Floor Galleries

12 2nd Floor Information
Station & Free Posters

13 Flintknapping

• • • Indicates Exhibitor Tables



NOTICE: This public event is being photographed and/ or video/audio recorded for dissemination through websites, print and other media by the Michigan History Center, Department of Natural Resources and the State Historic Preservation Office of the Michigan State Housing Development Authority.

Archaeology Day is sponsored by the Michigan History Center of the Department of Natural Resources and the State Historic Preservation Office of the Michigan State Housing Development Authority.

The activity that is the subject of this event has been financed in part with federal funds from the National Park Service, U.S. Department of the Interior. However, the contents and opinions do not necessarily reflect the views or policies of the Department of the Interior, nor does the mention of trade names or commercial products constitute endorsement or recommendation by the Department of the Interior. This program receives federal financial assistance for identification and protection of historic properties. Under Title VI of the Civil Rights Acts of 1964, Section 504 of the Rehabilitation Act of 1973, and the Age Discrimination Act of 1975, as amended, the U.S. Department of the Interior prohibits discrimination on the basis of race, color, national origin, disability, or age in its federally assisted programs. Michigan law prohibits discrimination on the basis of religion, race, color, national origin, age, sex, marital status, or disability. If you believe you have been discriminated against in any program, activity, or facility as described above, or if you desire further information, please write to: Office for Equal Opportunity, National Park Service, 1849 C Street, NW, Washington, DC, 20240.