

CURRICULUM VITAE

July 2024

Meagan Nichole Bell

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Meagan is an archaeologist with a research background in the Midwest region and experience concentrated in Michigan and Ohio. Currently, she is employed at a civil and environmental engineering consulting firm as the Archaeological Laboratory Director. Her specializations include artifact analysis, curation, and geographic information systems. She has fieldwork and report writing experience in archaeological monitoring, Phase I, Phase II, and Phase III projects. Her research interests are in the archaeology of the Southern Great Lakes Region and the Midwestern U.S.

Education

M.P.S., Cultural Heritage Resource Management, University of Maryland, May 2024

B.A., Anthropology, *Summa Cum Laude*, University of Toledo, 2018

Research Interests:

Anthropology of Food / Indigenous Foodways
Archaeology in the Western Lake Erie, Southern Great Lakes Region, Midwest (U.S.)
Archaeology of Religion and Ritual
Cultural Heritage and Resource Management (CHRM)
Cultural Materials Preservation
Environmental Archaeology
Folklore Studies
GIS for CHRM

Awards

Departmental Honors, Anthropology Department, University of Toledo (2018)

College of Arts & Letters Dean's Essay Award, University of Toledo (2018)

Jeanette Stephens Undergraduate Paper Award, Illinois State Archaeological Survey (2017)

Experience

Current position:

Principal Investigator and Laboratory Director, Cultural Resource Specialist III, The Mannik & Smith Group, Inc. (2024 – present).

- Creation of staff training schedules.
- Task management (Delegation of Section 106 Application, Desktop Review, and Phase I Archaeological Survey tasks).
- Quality control of Section 106, Desktop Review, and Phase I Archaeological Survey deliverables.
- Maintaining client relations.
- Continuation of previous duties as Laboratory Director, Project Archaeologist, and GIS Analyst.

Previous positions:

Laboratory Director and Project Archaeologist, Cultural Resource Specialist III, The Mannik & Smith Group, Inc. (2022 – 2024).

- Oversees the processing of artifacts collected during archaeological field surveys. Analysis of historic and pre-contact artifacts preparation of artifact inventories. Management of digital data organization and curation procedures that meet state repository standards. Coordinates the transfer of archaeological collections to curation facilities and property owners. Responsible for setup, organization, and maintenance of lab and ordering of equipment as needed. Delegation of lab tasks.
- Conducts field work on monitoring, phase I, II, & III field assignments. Navigates remote field locations via Trimble GPS unit. Records site data via hand-drawn mapping, photography, and artifact collection. Knowledgeable in pedestrian survey, shovel test pit, and excavation field methods. Experienced as a field director, crew chief, and field technician.
- Experience in literature review research, technical writing, photo documentation, and preparation of graphics for phase I and II reports, cultural resources desktop reviews, and Section 106 applications.
- Trained in geographic information system (GIS) graphic creation, spatial analysis, and data management.

Assistant Laboratory Director and Project Archaeologist, Cultural Resource Specialist II, The Mannik & Smith Group Inc. (2020-2022)

- Engaged in fieldwork, laboratory, and report composition tasks. Assistance in material culture analysis and preservation.

Field Technician, Cultural Resource Specialist I, The Mannik & Smith Group, Inc. (2017-2020)

- Archaeological technician on Phase I/II/III cultural resource surveys.

Technical Reports

(* Indicates senior author)

Archaeological Monitoring of Building Demolition and Removal at 37068-37098 Huron River Drive and 19247 Craig Street in the Unincorporated Community of New Boston, Huron Charter Township (Township 4 South, Range 9 East), Wayne County, Michigan. Report submitted to the Genesee County Land Bank Authority by The Mannik & Smith Group, Inc., Maumee, OH (with Julia R. Joblinski, Robert C. Chidester, Andrew J. Stachowiak, and Adam R. Darkow; 2024).

Final Results of Phase II Archaeological Testing and Phase III Archaeological Data Recovery of Sites 20WN1173, 20WN1175, 20WN1176, 20WN1178, 20WN1179 and 20WN1180 for the Douglass Homes Redevelopment Project in the City of Detroit, Wayne County, Michigan. Report submitted to the Douglass Acquisition Company, LLC by The Mannik & Smith Group, Inc., Maumee, OH (with Robert C. Chidester, Julia DiLaura, Athena Zissis, Julia R. Joblinski, Kate J. Hayfield, Elizabeth L. Hickle, and Ryan M. Schumaker; 2023).

Results of a Phase I Archaeological Survey for the Black Rock Crossing Project in the City of Marquette (Township 48 North, Range 25 West, Section 22), Marquette County, Michigan. Report submitted to the PM Environmental, Inc. by The Mannik & Smith Group, Inc., Maumee, OH (with Elizabeth L. Hickle, Mollie A. Olinyk, Julia R. Joblinski, Robert C. Chidester, and Kate J. Hayfield; 2023).

Second Addendum Report: Additional Phase I Archaeological Survey for the Proposed Transmission Line Route for the Emerson Creek Wind Project in Oxford Township (Township 5 North, Range 23 West), Erie County, and Lyme (Township 4 North, Range 24 West) Township, Huron County, Ohio. Report submitted to the Firelands Wind, LLC, Charlottesville, VA by The Mannik & Smith Group, Inc., Maumee, OH (with Elizabeth L. Hickle, Ryan T. Botkin, Kate J. Hayfield, Robert C. Chidester; 2023).

Results of a Phase I Archaeological Survey for the Proposed Shamrock-Brookstone Waterline Extension in the City of Painesville, Painesville Township (Township 11 North Range 8 West), Lake County, Ohio. Report submitted to the City of Painesville, OH by The Mannik & Smith Group, Inc., Shaker Heights, OH (with Adam R. Darkow, Robert C. Chidester, Daniel Hershberger, Kate J. Hayfield, and Ryan Botkin; 2023).

**A Phase I Archaeological Survey for the Historic Woodlawn Cemetery Stream Restoration Project in the City of Toledo, Lucas County, Ohio.* Report submitted to Woodlawn Cemetery & Arboretum, Toledo, OH by The Mannik & Smith Group, Inc., Maumee, OH (with Elizabeth L. Hickle, Robert C. Chidester, and Ryan T. Botkin; 2023).

Third Addendum Report: Additional Phase I Archaeological Survey for the Emerson Creek Wind Project in Groton Township, Erie County, and Lyme, Norwich, and Sherman Townships, Huron County, Ohio. Report submitted to Firelands Wind, LLC, Charlottesville, VA by The Mannik & Smith Group, Inc., Maumee, OH (with Elizabeth L. Hickle, Ryan T. Botkin, Julia Joblinski, Robert C. Chidester, Kate J. Hayfield, Adam R. Darkow, and Athena Zissis; 2023).

Phase I Cultural Resources Survey for Proposed Airfield Safety Improvements at the Kelleys Island Airport in the Village of Kelleys Island, Erie County, Ohio. Report submitted to the Reynolds, Smith & Hill by The Mannik & Smith Group, Inc., Maumee, OH (with Adam R. Darkow, Maura Johnson, Daniel Hershberger, Kate J. Hayfield, Robert C. Chidester, and Christopher B. Owen; 2022).

Archaeological Monitoring of Foundation Demolition and Removal at 509-515 W. 7th Street in the City of Flint, Genesee County, Michigan. Report submitted to the Genesee County Land Bank Authority by The Mannik & Smith Group, Inc., Maumee, OH (with Ryan T. Botkin, Robert C. Chidester, Kate J. Hayfield, and Adam R. Darkow; 2022).

Results of a Phase I Archaeological Survey for the Proposed McKenzie Health System Hospital at 465 Sanilac Road in the City of Sandusky, Watertown Township (T11N R14E), Sanilac County, Michigan. Report submitted to McKenzie Health System by The Mannik & Smith Group, Inc. Maumee, OH (with Adam Darkow, Robert C. Chidester, Julia Joblinski, and Kate J. Hayfield; 2022).

Phase I Archaeological Survey on Audubon Island, Lucas County, Ohio. Report submitted to Metroparks Toledo by The Mannik & Smith Group, Inc., Maumee, OH (with Athena Zissis, Robert C. Chidester, and Danielle Julien; 2022).

**Phase I Archaeological Survey for Riverford Plat 11 in the City of Perrysburg, Perrysburg Township, Wood County, Ohio.* Report submitted to the Schroeder Company, Inc., Perrysburg, OH by The Mannik & Smith Group, Inc., Maumee, OH (with Athena Zissis, Robert C. Chidester, Elizabeth Hickle, and Ryan T. Botkin; 2022).

**Cultural Resources Desktop Review for the Kalamink Wind Project in Alaiedon, Bunker Hill, Ingham, Leroy, Stockbridge, Vevay, Wheatfield, and White Oak Townships, Ingham County and Handy, Iosco and Unadilla Townships, Livingston County, Michigan.* Report submitted to Kalamink Wind, LLC, Charlottesville, VA by The Mannik & Smith Group, Inc., Maumee, OH (with Athena Zissis, Robert C. Chidester and Kate Hayfield; 2022).

Phase I Archaeological Survey for Additional Infrastructure and Temporary Construction Activity Areas for the AquaBounty Project, Madison Township, Williams County, Ohio. Report submitted to the Maumee Valley Planning Organization, Defiance, OH by The Mannik & Smith Group, Inc., Maumee, OH (with Athena Zissis, Robert C. Chidester, Kate J. Hayfield, and Ryan Botkin; 2022).

Phase I Archaeological Survey for the Alum Creek Trunk South Sanitary Sewer Rehabilitation Project, Madison Township, Franklin County, Ohio. Report submitted to DLZ, Columbus by The Mannik & Smith Group, Inc., Maumee, OH (with Ryan Botkin, Robert C. Chidester, Kate J. Hayfield, Athena Zissis, and Elizabeth L. Hickie; 2022).

Letter Report: Archaeological Sensitivity Assessment, 1786 Burlingame St., Detroit, Michigan. Report submitted to Cass Community Social Services, Detroit by The Mannik & Smith Group, Inc., Detroit (with Robert C. Chidester and Bryan Agosti; 2022).

Phase II Archaeological Evaluations of Four Pre-Contact Archaeological Sites (33SA0703, 33SE0004, 33SE0894, and 33SE0978) for the Republic Wind Project, Sandusky and Seneca Counties, Ohio. Report submitted to Republic Wind, LLC, Charlottesville, VA by The Mannik & Smith Group, Inc., Maumee, OH (with Athena Zissis, Robert C. Chidester, Kate J. Hayfield, and Adam R. Darkow; 2022).

**Cultural Resources Desktop Review for the Prairie Refuge Solar Project in LaGrange Township (Township 6 South, Range 15 West), Cass County, Michigan.* Report submitted to Prairie Refuge Solar, LLC, Charlottesville, VA by The Mannik & Smith Group, Inc., Maumee, OH (with Athena Zissis and Robert C. Chidester; 2022).

**Cultural Resources Desktop Review for the Montcalm Wind Project in Belvidere, Cato, Day, Douglass, Home, Maple Valley, Montcalm, Pierson, Pine, Sidney, and Winfield Townships, Montcalm County, Michigan.* Report submitted to Montcalm Wind, LLC, Charlottesville, VA by The Mannik & Smith Group, Inc., Maumee, OH (with Julia Joblinski and Robert C. Chidester; 2022).

Cultural Resources Desktop Review for the Azalia Solar Project in London and Milan Townships, Monroe County, Michigan. Report submitted to Azalia Solar, LLC, Charlottesville, VA by The Mannik & Smith Group, Inc., Maumee, OH (with Robert C. Chidester and Ryan Botkin; 2021).

Phase I Archaeological Survey for the Mike Levine Lakelands Trail Extension Project in the City of Jackson and Blackman Township (Township 2 South, Range 1 West), Jackson County, Michigan. Report submitted to Jackson County Parks, Jackson, MI by The Mannik & Smith Group, Inc., Monroe, MI (with Danielle Julien, Robert C. Chidester, and Kate Hayfield; 2021).

Results of a Phase I Archaeological Survey of the Proposed Hartland Senior Living Facility in Section 23, Hartland Township (Township 3 North Range 6 East), Livingston County, Michigan. Report submitted to PIRHL Developers, LLC, Cleveland, OH by The Mannik & Smith Group, Inc., Detroit, MI (with Danielle Julien, Julia Joblinski, Robert C. Chidester, Kate J. Hayfield, and Athena Zissis; 2021).

Predictive Model and Survey Plan, Phase I Archaeological Survey, Springwater Solar Project, Franklin and Madison Counties, Ohio. Report submitted to Springwater Solar, LLC, Charlottesville, VA by The Mannik & Smith Group, Inc., Maumee, OH (with Ryan T. Botkin, Robert C. Chidester, Bryan Agosti, and Kate Hayfield; 2021). *Predictive Model and Survey Plan, Phase I Archaeological Survey, Painter Creek Solar Project, Darke County, Ohio.* Report submitted to Painter Creek Solar, LLC, Charlottesville, VA by The Mannik & Smith Group, Inc., Maumee, OH (with Ryan T. Botkin, Robert C. Chidester, Bryan Agosti, Kate Hayfield; 2021).

Addendum Report: Additional Phase I Archaeological Survey for the Emerson Creek Wind Project in Groton and Oxford Townships, Erie County, and Lyme, Norwich, Ridgefield, and Sherman Townships, Huron County, Ohio. Report submitted to Firelands Wind, LLC, Charlottesville, VA by The Mannik & Smith Group, Inc., Maumee, OH (with Elizabeth L. Hickle, Robert C. Chidester, Kate J. Hayfield, Danielle Julien, and Adam R. Darkow; 2021).

Results of a Phase I Archaeological Survey at the Sportsmen's Migratory Bird Center at Magee Marsh Wildlife Area, Lucas and Ottawa Counties, Ohio. Report submitted to the Ohio Department of Natural Resources, Columbus by The Mannik & Smith Group, Inc., Maumee, OH (with Julia R. Joblinski, Robert C. Chidester, and Kate J. Hayfield; 2021).

Phase I Archaeological Survey for the Hancock County Flood Risk Reduction Program, Phase 2: Eagle Creek Flood Basin in Eagle Township (Township 1 South, Range 10 East), Hancock County, Ohio. Report submitted to Stantec, Toledo by The Mannik & Smith Group, Inc., Maumee, OH (with Danielle Julien, Robert C. Chidester, Kate J. Hayfield, Adam R. Darkow, and Daniel Hayes; 2021).

Phase I Archaeological Survey for the Tymochtee Solar Project in Sycamore and Tymochtee Townships (Township 1 South, Range 14-15 East), Wyandot County, Ohio. Report submitted to Tymochtee Solar, LLC, Charlottesville, VA by The Mannik & Smith Group, Inc., Maumee, OH (with Elizabeth L. Hickle, Robert C. Chidester, Kate J. Hayfield, Daniel Hershberger, and Adam Darkow; 2021).

Results of a Phase I Archaeological Survey for Proposed River Access Improvements at Bend View Metropark in Providence Township (Township 6 North Range 9 East), Lucas County, Ohio. Report submitted to Metroparks Toledo, Toledo, OH by The Mannik & Smith Group, Inc., Maumee, OH (with Elizabeth L. Hickle, Robert C. Chidester, and Kate J. Hayfield; 2021).

Phase I Archaeological Survey for the Wheatsborough Solar Project in Groton Township (Township 5 North, Range 24 West), Erie County, Ohio. Report submitted to Wheatsborough Solar, LLC, Charlottesville, VA by The Mannik & Smith Group, Inc., Maumee, OH (with Danielle Julien and Robert C. Chidester; 2021).

Phase I Archaeological Survey for the Emerson Creek Wind Project in Groton and Oxford Townships, Erie County, and Lyme, Norwich, Ridgefield, and Sherman Townships, Huron County, Ohio. Report. Report submitted to Firelands Wind, LLC, Charlottesville, VA by The Mannik & Smith Group, Inc., Maumee, OH. (with Robert C. Chidester, Kate Hayfield, Adam Darkow, Daniel Hershberger, and Athena Zissis; 2021).

Research

Bell, Meagan N. (2024). *Revisiting Chert Preferences and Lithic Supply Zones of Early Archaic Northwestern Ohio: A Least Cost Path Analysis.* Master's thesis, Department of Anthropology, University of Maryland.

Bell, Meagan N. (2018). *Trading with the Otherworld: Native American Religious Identity and European Contact in the Protohistoric Great Lakes.* Unpublished undergraduate honor's thesis.

Bell, Meagan N. (2017). *Understanding the Moorehead Phase at the Copper Site: Lithic Procurement and Use as Compared to the Cahokian Political-Administrative Complex.* Unpublished undergraduate research paper.

Presentations

Conference Papers

Chidester et al. (2023). The Armory Park Gasometer: Documenting Toledo's 19th-Century Utility Infrastructure. *Society for Industrial Archaeology Conference, June 2023, Grand Rapids, Michigan.*

Chidester et al. (2021). Mapping a Landscape of Lithic Exploitation: Pipe Creek Chert Quarries and Workshops in North-Central Ohio. *Midwest Archaeological Conference, October 2021, East Lansing, Michigan.*

Conference Posters

Bell et al. (2022). The Armory Park Gasometer Site: An investigation into Toledo's early manufactured gas utilities. *Midwest Archaeological Conference, October 2022, LaCrosse, Wisconsin.*

Professional Affiliations

Register of Professional Archaeologists, RPA 5995

Ohio Archaeological Council

Student Member (2023-)

Midwest Archaeological Conference

Member (2022-)

University of Toledo Anthropological Society

Alumna (2018-)

President (2017-2018)

Training, Certifications, and Skills

Certifications

Certificate of Completion, “Basics of NEPA and Section 106 Integration,” The Advisory Council on Historic Preservation (September 2022).

Certificate of Completion, “Coordinating NEPA and Section 106,” The Advisory Council on Historic Preservation (September 2022).

Technical Skills

80 WPM typist, Adobe Acrobat Pro, ArcGIS Pro 3.0, Google Earth, Microsoft Office Suite