

Fred Sutherland  
2022

Wednesday, September 28,

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Sutherland Relics and Rust LLC, sole-proprietor

Nienow Cultural Consultants (NCC) [Project Archaeologist](#) (Spring 2022-Present)

## Education

Ph. D	Michigan Technological University Industrial Heritage and Archaeology ( <a href="#">Dissertation</a> )	2016
M.A	University of Massachusetts Boston Concentration in Historical Archaeology ( <a href="#">Thesis</a> )	2008
B.A (Cum Laude)	Boston University, Massachusetts Archaeology Major (with Distinction), Anthropology Minor	2006
	Hudson High School, New York	2002

## Publications

- 2022 Article (*Pending*), "[Exploring the Uses of Ammunition at Fort Snelling from the 1850s-1980s](#)". *Minnesota Archaeologist*. Volume 79. 77-86.
- 2022 Report, *Phase Ia Archaeological Literature Review: Artessa Cooperative at Mound Harbor City of Mound, Hennepin County, Minnesota*. Fred Sutherland and Jeremy Nienow. Nienow Cultural Consultants (NCC).
- 2022 Report, *Phase I Archaeological Monitoring and Survey, Peregrine Redevelopment (2025 West River Road North) Minneapolis, Hennepin County, Minnesota*. Jeremy Nienow and Fred Sutherland (NCC).
- 2021 Reports, *Phase II Archaeological Evaluation 21HE558 Bovey-DeLaittre Mill, Upper Mississippi Harbor Terminal, Minneapolis, Hennepin County, Minnesota; Archaeological Observations and Recommendations Based on Completed Barr and Braun Soil Work, Upper Harbor Terminal, Hennepin County, Minnesota*. Jeremy Nienow, Fred Sutherland, and Laura Koski (NCC).
- 2021 Report, *Phase II Archaeological Assessment of Father Hennepin Bluff Park (21HE257) Minneapolis, Hennepin County, Minnesota*. Jeremy Nienow, Laura Koski, and Fred Sutherland (NCC).
- 2021 Report, *Phase Ia Archaeological Literature Review Peregrine Redevelopment (2025 West River Road North) Minneapolis, Hennepin County Minnesota*. Jeremy Nienow and Fred Sutherland (NCC).
- 2021 Report, *Phase I Archaeological Survey: 170 Western Ave. South St. Paul, Ramsey County, Minnesota*. Fred Sutherland and Jeremy Nienow (NCC).

- 2021 Report, *Phase I Archaeological Survey in Select Parcels Upper Harbor Terminal Minneapolis, Hennepin County, Minnesota*. Jeremy Nienow, Fred Sutherland, and Laura Koski (NCC).
- 2021 Report, *Phase I Archaeological Survey of Proposed Robinson Park Improvements in Sandstone, Pine County, Minnesota*. Jeremy Nienow, Fred Sutherland, and Laura Koski (NCC).
- 2021 Report, *A Phase I Archaeological Survey, Munroe Turntable and Roundhouse, Cass County, Minnesota*. Fred Sutherland and Jeremy Jackson. Sutherland Relics and Rust LLC.
- 2020 Report, Phase I Archaeological Survey for Cates Pit, Cass County, Minnesota. Fred Sutherland and Jeremy Nienow (NCC).
- 2020 Report, Phase Ia Archaeological Literature Review Upper Mississippi Harbor Terminal Minneapolis, Hennepin County Minnesota. Co-author, Jeremy Nienow and Fred Sutherland (NCC).
- 2020 Report, contributing author, Overview of the 1980-1997 Archaeological Investigation of the Stables at Historic Fort Snelling, Hennepin County, Minnesota. Jeremy Nienow, Laura Koski, Contributions by Fred Sutherland, Alex Hedquest, Alison Hruby, Matt Flueger.
- 2020 Report, [Historic Ceramic Vessel Analysis for Collections in Dakota, Scott and Ramsey County, Minnesota](#). Fred Sutherland, Jeremy Nienow, Allison Hruby.
- 2019 Report, Archaeological Summary of Previously Conducted Fieldwork at 21HE195 with Georeferenced Resource Overlays. Fred Sutherland and Jeremy Nienow.
- 2019 Report, Phase Ia Archaeological Literature Review: Father Hennepin Bluff Park; Minneapolis, Hennepin County, Minnesota. Author Fred Sutherland and Jeremy Nienow.
- 2019 Report, Phase Ia Archaeological Literature Review: Washington Avenue and Portland Avenue Block; Minneapolis, Hennepin County, Minnesota.
- 2018 Report, Archaeological Survey and Excavation: 21HE99 Fort Snelling @ Bdote, Hennepin County, Minnesota. Author Jeremy Nienow, contributions by Fred Sutherland, Alison Hruby, Mike Nowak, Laura Koski, and Matthew Piscitelli.
- 2018 Report, [Additional Archaeological Survey and Excavation: 21HE99 Fort Snelling @ Bdote, Hennepin County, Minnesota](#). Author Jeremy Nienow, with contributions by Fred Sutherland, Alison Hruby, Mike Nowak, Laura Koski.
- 2018 Report, [Archaeological Survey and Excavation: 21HE99 Fort Snelling Upper Post, Hennepin County, Minnesota](#). Author Jeremy Nienow, with contributions by Fred Sutherland, Alison Hruby, Mike Nowak, Laura Koski, and Anastasia Walhovd.
- 2018 Article, “James J. Hill’s Wine and Liquor Cellar: Analysis and comparison of wines and spirits with modern comparable styles”. Research document for James J. Hill House. St. Paul, Minnesota.
- 2018 Article, “[Finding the Past, Planning the Future — Survey and Assessment of Remains at the Former Copake Iron Works](#)” *Iron in New York. New York State Museum Record Volume 8. pp.110-125* Albany New York

- 2017 Book Review, “The Ford Century in Minnesota” by Brian McMahon. *Society for Industrial Archaeology Journal*.
- 2016 Blog Post, “[DIY Project — Making Char Cloth for Low-Tech Fire Kindling](#)” *Low Technology Institute DIY Blog*. December 1, 2016.
- 2016 Blog Post, “[Youth Archaeology Camps: More than a sandbox excavation](#)” Society for Historical Archaeology. October 8, 2016.
- 2016 Book Review, “Taconite Dreams” by Jeffrey T. Manuel. *Minnesota History Magazine* Volume 65 Issue 3.
- 2016 Article, “[The Cuyuna Iron Range 1884-1993](#)”. MNopedia. Minnesota Historical Society: St. Paul, Minnesota.
- 2016 Blog Post, “[Portsmouth Sintering Plant - Crosby, MN](#)” *Industrial Landscapes*. John Baeten, Editor. March 8, 2016.
- 2015 Article, “[Community Driven Mining Heritage in the Cuyuna Range](#)” *Extractive Industries and Society* .2 (2015), pp. 519-530, ELSEVIER publishing.
- 2013 Newsletter, “History of the Ardis Furnace, 1913” Aitkin County Historical Society, Aitkin, Minnesota. August 2013.
- 2011 Report Editor, “[The Life and Death of a Workplace: The Quincy Smelter Carpenter Shop](#)” Sutherland, Fred. Marc Sanco, Jeff Benjamin, Karl Warsinski, Brian Burkland, Nathaniel Peck, Troy Mackey, Tim Nygard, Cameron McNamara, Colleen Huling, Matt Nutt, Nick Ferys, and Kathy Root. Prepared for Keweenaw National Park and Quincy Smelter Association. Hancock, Michigan.
- 2011 Report, Dudek, Martin G. and Frederick Sutherland “Archeological Investigation for the Lucy Mead Tomb Restoration Project, King Street Old Burying Grounds, Littleton, Massachusetts”. 242 pages.
- 2010 Newsletter, “[Historic Railroads of Taconic State Park](#)” Friends of Taconic State Park, Copake Falls, New York
- Pending Book, “The Cuyuna Iron Range: forging a 20th-century industrial community”

## Television Interviews

- 2013 Interviewed, “[Communist Mayor](#)” for *Common Ground*. Episode 517. Aired February 27, 2014. Lakeland Public Television. Bemidji, Minnesota. John Parsons program host.

## Fieldwork Experience

- 2022 Field Supervisor and Report Writer, Phase II Evaluation Excavation of Officer Privies, Officer’s Row Fort Snelling, Minnesota. Jeremy Nienow and Fred Sutherland.
- 2022 Field Supervisor and Report Writer, Phase II Evaluation of Bovey-DeLaitre Lumber Mill Ruins (21HE588). Minneapolis, Minnesota.
- 2022 Construction Monitor, Upper Harbor Terminal. Minneapolis, Minnesota.
- 2021-22 Construction Monitor and Report Writer, Peregrine Redevelopment 2025 West River Road North. Minneapolis.

- 2021 Researcher, Phase 1a Archaeology research for seven solar garden locations in Western, Central, and Southern Minnesota for Novel Solar.
- 2021 Researcher, Phase 1a Archaeology research for Nicollet Ave. Bridge. Minneapolis, Minnesota.
- 2021-22 Construction Monitor, Dominion managed revitalization of Fort Snelling Upper Post Flats.
- 2021 Field Technician: Lakeshore St. Michael, Verona Township, Long Lake, Janett/Modern Construction, Pillager Point, Marx Property, Parkwood Knolls, Malcolm Yards, Hutchinson EOR, Franklin EOR. Various locations in Central and Southern Minnesota.
- 2021 Field Technician and Lab Technician of dam tender's residence at Pine River Dam. Cass County, MN. Sue Mulholland, principal investigator.
- 2020 Principal Investigator, (License #2020-60), Munroe Turntable Phase I Survey. Cass County, Minnesota.
- 2020 Field Technician, Phase I Shovel testing and GPS survey of Oxbow Park near Rochester, Minnesota.
- 2020 Principal Investigator and Co-report writer, Phase Ia research and recommendation reporting on parking lot site at N 3<sup>rd</sup> Street and 7<sup>th</sup> Ave North in Minneapolis, Minnesota. Jeremy Nienow Co-Author.
- 2020 Field and Lab Technician, Survey of Biermann house property and Fisherman's Inn boat landing near Rochester, MN. Jeremy Nienow Principal Investigator.
- 2020 Field Technician, Survey of well and sewer lines at Wayverley, MN. Jeremy Nienow Principal Investigator.
- 2020 Field and Lab Technician, Survey of Weise Property adjacent to Mound Groups on Elk River. Sherburne County, Minnesota. Jeremy Nienow Principal Investigator.
- 2020 Field and Lab Technician, Report Writer, Survey of Helena I, Helena II, and Fish Creek Alpha sites for Metro County Historical Society Collaborative.
- 2020 Researcher, Curator, Report Co-Author for privy collection recovered from 412 Goodrich Ave. St. Paul, MN for Dakota County Historical Society.
- 2020 Researcher, Report Co-Author, documenting all previous archaeological collections recovered outside the walls of Fort Snelling, Minnesota. For MNHS GIS management.
- 2020 Researcher, Report Co-Author, documenting all previous archaeological collections recovered from Historic Forestville, Minnesota for MNHS GIS management.
- 2019 Investigator, Researcher, Report Co-Author, for Phase I assessment of Father Hennepin Bluff Park, Minneapolis, MN.
- 2019 Principal Investigator, Researcher, Report Co-Author, for Soil Core survey and Phase Ia research on Washington/Portland Block: Minneapolis, MN.
- 2019 Researcher, Report Contributor, Field and Lab Technician, Phase I survey and documentation of Gibbs Farm property for Ramsey County.

- 2019 Researcher, Field Technician, Report contributor, for documenting historic Bruce Mine location ruins near Chisholm, MN. Duluth Archaeology Center, Sue Mulholland Principal Investigator.
- 2019 Researcher, Geophysical surveyor, Site Monitor, for construction excavation ahead of Federal Reserve parking garage project in downtown Minneapolis, MN. Consultant with NCC (Nienow Cultural Consultants) and Hess-Roice.
- 2019 Researcher, identifying and digitizing historic site reports for the city of Edina, MN. Jeremy Nienow project supervisor.
- 2019 Field Technician and Researcher, Weston Woods development Phase I survey. Jeremy Nienow Principal Investigator.
- 2019 Field Technician, Phase I survey of Sand Creek Park for Sand Creek Regional Park. Anoka County, MN.
- 2019 Field and Lab Technician, Phase I survey of Bridgeview Park. Sherburne County, MN.
- 2019 Curator, Field and Lab Technician, for Phase I excavation at Historic Forestville, MN.
- 2019 Curator, collection processing from Phase I excavation in Granite Falls, MN.
- 2018-19 Report contributor, Researcher, Field and Lab Technician, for Phase I and II excavations along the Upper and Lower Posts of Historic Fort Snelling. St, Paul, MN.
- 2018-19 Lab Technician and Report contributor, Curation, artifact mending, and artifact analysis of ceramic, metal, and glass artifacts from the District #44 Schoolhouse in Wheaton, MN. Jeremy Nienow project supervisor.
- 2018 Field Supervisor. Excavations at an 1856 homestead privy at 412 Goodrich Ave in St. Paul. Jeremy Nienow co-supervisor. 7/21&22, 8/11.
- 2018 Report Writer, Researcher, Field and Lab Technician, Artifact Photographer, and Collection Curator of artifacts recovered from 6/4 to 11/30, 2018 at Historic Fort Snelling Upper and Lower Post. Jeremy Nienow Project Supervisor.
- 2018 Field Technician, Walk-over through corn fields and shovel testing for the Greenbriar housing development near Buffalo, MN. Jeremy Nienow Project Supervisor.
- 2018 Field Technician, Walk-over through soybean and corn fields for the Fieldstone Passage housing development near Albertville, MN. Jeremy Nienow Project Supervisor.
- 2017 Interviewer/Investigator, Recorded seven interviews and documented conditions related to the significance of the historic Copake Iron Works in Copake Falls, NY.
- 2014 Investigator, Geophysical survey of 20th century iron furnace ruins. Aitkin, Minnesota. ArchaeoPhysics.
- 2012-13 Principal Investigator, Survey and surface documentation of seven former iron mining communities in Crow Wing County, Minnesota. Michigan Technological University.
- 2010 Project Manager/Principal Investigator, Supervising the recovery and report-writing effort on the Quincy Smelter Carpenter Shop after a

- probable arson event. Michigan Technological University (MTU), Northwoods Environmental, and the Keweenaw National Park
- 2010 Archaeological Monitor, Clean-up, stabilization, and conservation of Quincy Copper Smelter Complex near Hancock, Michigan. Michigan Technological University (MTU), Northwoods Environmental, and the Keweenaw National Park
- 2010 Investigator, Section 106 compliance observation for telecommunications cable trench along Red Jacket Road in Calumet, Michigan. Keweenaw National Park. Andrew Mueller, Principal Investigator
- 2009 Field Technician, Phase I testing along Public Power Company corridor near Worchester, MA. John Milner and Associates (JMA)
- 2008-09 Lab Technician, Soil flotation and analysis of a roasting pit remains from Garvins Falls near Concord, NH. (JMA)
- 2008 Field and Lab Technician, Phase I testing around the Route 2 rotary in Concord, MA. (JMA).
- 2008 Field Technician, Phase I testing for the Wind Rose Golf Course project, Pawling, New York. STRATA CRM, Jim Turner, Principal Investigator.
- 2008 Field Technician, Phase I testing on grounds of Gore Place Mansion. Waltham, MA. UMass Boston, Leith Smith, Principal Investigator.
- 2008 Lab Technician, University of Massachusetts, Boston. Digitizing field drawings. Layering data in GIS databases for Iceland Archaeological Survey, under direction of Professor John Steinberg.
- 2007 Principal Investigator, University of Massachusetts, Boston. Survey, remote sensing, and documentation of historic structures at the Copake Iron Works. Copake Falls, NY.
- 2006-07 Lab Technician, University of Massachusetts, Boston. Identifying paleobotanical remains, and artifacts from the Mashantucket Tribal Nation site. Mashantucket, CT under the direction of Professor Heather Trigg.
- 2006-07 Lab Technician, University of Massachusetts, Boston. Identifying paleobotanical remains at the Sylvester Manor site. Long Island, NY under the direction of Professor Heather Trigg.
- 2006 Field and Lab Technician, STRATA CRM, Phase I intensive survey and Phase II site exam of a Native American site at the Industrial Retro construction site. Poughkeepsie, NY. Jim Turner, Principal Investigator.
- 2005 Field and Lab Technician, John Milner and Associates (JMA), Phase II site exam of a historic site part of Route 2 expansion project near Fitchburg/Mt. Elam, Massachusetts.
- 2005 Field and Lab Technician, (JMA), Phase I intensive survey and Phase II site exam of Kingsley Farmstead. Part of Northampton water treatment plant construction near Northampton, Massachusetts
- 2005 Lab Technician, (JMA), Phase I intensive survey preceding demolition of Summer Village camp ground with historic and prehistoric remains. Westford, Massachusetts.
- 2005 Lab Technician, (JMA), Phase I intensive survey of prehistoric remains near the highway bridge over Wynd Brook. Tyngsboro, Massachusetts.

## Archaeological Field Training/Field Schools

- 2007 University of Massachusetts Boston, excavation of historic farmstead at Grafton, Massachusetts. Directed by Stephen Mrozowski.
- 2004 Boston University, excavation of a megalithic-era Talayotic house. Menorca, Spain. Directed by Amalia Perez-Juez
- 2003 University of New Mexico, excavation at village of Cochiti and archaeological survey of El Malpais National Monument. Directed by Wirt “Chip” Wills
- 2001 Adirondack Community College, excavation at Ft. George. Lake George, New York. Directed by David Starbuck

## Teaching and Education Experience

- 2020-21 Producer and Writer, Copake Iron Works Audio Tour. Taconic State Park. Alex Weston Audio Editor and English Narrator, Carolina Ingrid Spanish Narrator.
- 2018 Content Creator & Editor, “[From Forest to Iron Works and Back Again: The Copake Iron Works Story](#)”. Taconic State Park historic site orientation and education video (9 minutes) Alex Weston video editor.
- 2017 Class assistant, “Here’s to bottles that pop: Sparkling Wines” *Total Wine & More*. Bloomington, Minnesota
- 2014 Invited Lecturer, Teaching collaborative ethnography section in Ethnographic Methods for Professor Carol MacLennan. Teaching cultural landscapes in Heritage Management for Professor Melissa Baird. Michigan Technological University, Houghton, Michigan.
- 2013-15 Adjunct Professor, Central Lakes College, Brainerd, Minnesota. Cultural Anthropology (ANTH 1457, online class). Dean Kelly McCalla department chair.
- 2013-15 Content Reviewer: Approve and review course content in Anthropology taught for college credit in Crow Wing County High Schools. College in the Schools (CIS). Betsy Piciano administrator for Central Lakes College, Brainerd, Minnesota.
- 2012-16 Interpreter I, Historic Fort Snelling, Minnesota, Nancy Cass, Jeff Boorum, and Tom Lalim program directors.
- 2012-16 Program Assistant, archaeology camp at Historic Fort Snelling, Minnesota. July-August, Minnesota State Archaeologist Pat Emerson, Nancy Cass, and Bobbie Scott program leaders.
- 2011 Instructor, BHK Child Development. Elementary After School Program at Houghton Elementary School, Houghton, Michigan. Program Coordinator, Erin Carter program supervisor.
- 2011 Program Assistant 4H summer archaeology camp in Houghton, Michigan. Jessica Sutherland Program leader.
- 2009-11 Teaching Assistant, Lesson planning, quiz building, lecturing, and grading for undergraduate courses in the Social Science Department at Michigan Technological University, Houghton, Michigan for professors Hugh Gorman, Louise Dyble, and Carol MacLennan.

## Public Presentations

- 2022 Slide Presentation "[Layers to the Land: A Cultural and Environmental Geodatabase Build for the Camp Ripley Sentinel Landscape \(CRSL\)](#)". Laura Koski, Jeremy Nienow, and Fred Sutherland. 2022 Preserve MN Conference. 16 September 2022. Duluth, Minnesota.
- 2019 Slide Presentation "What Bullets, Buttons, and More Can Tell: The highlights from 2018 excavations at Fort Snelling's Lower Post." Council for Minnesota Archaeology Biannual Conference. St. Cloud State University, St. Cloud, MN.
- 2017 Lecture, "James J. Hill's Wine and Liquor Cellar: Exploring Hill's list of spirits by exploring modern comparable drinks". St. Paul, Minnesota.
- 2016 Slide Presentation "A Way for Dwelling Together: Andrew Riverside's Youth Intentional Community Housing" Synod of Lakes and Prairies 2016. Farmington, Minnesota.
- 2016 Slide Presentation "21st Century Collaboration for Studying a 20th Century Working Community" Society for Historical Archaeology 49th annual conference. Washington D.C.
- 2015 Slide Presentation "The Promise of Copake" at 7th annual meeting for Friends of Taconic State Park.
- 2015 Slide Presentation, "[Travels through Cambodia and Vietnam](#)" Cultural Thursday event at Central Lakes College. Brainerd, Minnesota
- 2015 Slide Presentation, "Update on the Jones Iron Furnace Site" Council for Minnesota Archaeology Biannual Conference. St. Cloud State University. St. Cloud, Minnesota.
- 2014 Lecture, "Index of Historic Structures from 2012 Cuyuna Range Survey" Hallett Memorial Library. Crosby, Minnesota.
- 2013 Slide Presentation, "Young Interviewers and Century-old Mining Stories: Industrial Heritage on the Cuyuna Iron Mining Range in Crow Wing County, Minnesota" American Anthropological Association Annual Conference. Chicago, Illinois.
- 2013 Slide Presentation, "Iron Mining in the Cuyuna Range: The Legacy of a 20th-Century Mining District" Society for Industrial Archaeology Annual Conference. St. Paul, Minnesota
- 2013 Slide Presentation, "The Cultural Legacy of Iron Mining on the Cuyuna Range" Council for Minnesota Archaeology Biannual Conference. Inver Hills Community College. Inver Grove Heights, Minnesota
- 2010 Slide Presentation, "Archaeological Survey of Copake Iron Works 1845-1903" at the History of Iron in New York Conference, October 16-17th, New York State Museum, Albany, New York

## Volunteer Experience

- 2016 Grant Writer. Andrew Riverside Presbyterian Church Intentional Community Housing. Synod of Lakes and Prairies. \$18K for Live in Manager and program funds. Rev. Kathy Smith and Matthew Fitzgerald grant co-authors.



- 2015 Field Technician, Swede Hollow Archaeology Project. Swede Hollow Park in St. Paul, Minnesota. Kelly Wolf and Stephanie Kowalczyk project supervisors.
- 2014 Research Assistant. History Hullabaloo. Helping history day students plan projects and find research materials in the Hennepin County Public Library in Minneapolis, Minnesota. JoEllen Haugo event supervisor.
- 2014 Panelist, Focus group on upcoming programming for Lakeland Public Television. John Parsons panel organizer.
- 2010-20 Judge, National History Day. Poster (2010-11, 2016-20) and documentary (2012-20) for local, regional, and state divisions. Houghton, Michigan (2010-11) and St. Paul, Minnesota (2012-20).
- 2008 Field Technician, University of Massachusetts Boston. Remote Sensing assistant and excavator at Gore Place Manson. Waltham, Massachusetts. Directed by Leith Smith.
- 2007 Field Technician, University of Massachusetts Boston. Shovel testing and excavations at the Wilbur House (1690s-present) in Little Compton, RI
- 2006 Lab Technician, University of Massachusetts Boston. Identifying ceramics recovered from a shell midden feature on the Eastern Pequot Tribal Nation site, Connecticut under the direction of Professor Stephen Silliman.
- 2004-06 Lab Technician, organizing and cataloging artifacts in the Gabel Museum at Boston University, Boston, Massachusetts under the direction of Priscilla Murray. Created and installed an exhibit on Massachusetts stone tools 4/22/2006.
- 2002-03 Lab Technician, assisting graduate student Christa Barenek of Boston University processing a collection of artifacts from a farmsteads across western Massachusetts.
- 2000-05 Field and Lab Technician, survey, excavations, and lab processing around Fort George and Fort Edward, New York under direction of Professor David Starbuck.

## Grants and Awards

- 2020 Minnesota Legacy Arts and Culture Grant (\$10,000) for documentation and survey of Munroe Turntable and Logging Railroad Facility. Cass County, Minnesota.
- 2020 Pomeroy Foundation Travel Grant (\$1,000) to Attend the Museum Association of New York (MANY) Annual Conference. Albany, New York
- 2017 Friends of Taconic State Park (\$4000) for orientation video to historic Copake Iron Works
- 2014 Minnesota Legacy Arts and Culture Grant (\$5,000) for geophysical survey of Jones Furnace Ruins in Aitkin, Minnesota.
- 2007 Society for Industrial Archaeology (\$3000). For the Copake Iron Works Project.
- 2007 Dr. Robert Spayne Research Grant (\$1000). Graduate Student Assembly, University of Massachusetts Boston. For the Copake Iron Works Project.
- 2005 Robert E. Yellin Award (\$500) Humanities Foundation, Boston University.

2002 [Columbia County Historical Society Scholarship](#) (\$1000). See page 8.

## Licenses/Certifications

2020 Minnesota Phase I Archaeological Survey License (#20-060)  
 2019 Minnesota Phase I Archaeological Survey License (#19-057)  
 2017-22 Registered Practicing Archaeologist (RPA #44090933)  
 2017-18 Cicerone Beer Server Certification  
 2016-19 JLG 10msp Lift/Stock Picker Certified  
 2012-15 Nat. Muzzle-Loading Rifle Assc. (NMLRA) black powder safety certified

## Professional Interests

Archaeology and anthropology  
 Community formation and innovation  
 Construction of identity through material culture  
 Historic architecture and cultural landscapes  
 Historical archaeology  
 Heritage conservation and tourism planning  
 Ceramic & glass vessel typology, especially 19th-century forms  
 Aluminum beverage tab typology (Pull Tab Archaeology)  
 Public outreach and education with archaeology  
 Prehistoric lithic technology, old and new world  
 Iron working technologies  
 Survey techniques using GPS and satellite imagery  
 Sediment formation and geological processes

## Organization and Club membership

American Anthropological Association (2013-Present)  
 Archaeological Institute of America (2003-Present)  
 Archaeological Conservancy (2004-Present)  
 Article Reviewer: *Sustainability, Engineering Geology, Extractive Industries and Society, Applied Sciences (ApplSci), Heritage, Buildings, Minerals, Land, Conservation*, (2015-Present)  
 Boston University Archaeology Club (2002-2006, treasurer 2005-2006)  
 Boston University Flint Knapping Club (2004-2006)  
 Boy Scouts of America (1995-2001) [Eagle Scout, 2001]  
 Columbia County, (NY) Historical Society (2001-Present)  
 Council for Minnesota Archaeology (2011-Present, treasurer/secretary 2018-2022)  
 Cuyuna Range Heritage Network (MN) (2012-Present)  
 Friends of Taconic State Park, Historic Advisory Board Member (2010-Present)  
 Minnesota Historical Society (2012-Present)  
 Minnesota Sword Club (2012-2016)  
 Register of Professional Archaeologists (#44090933)  
 Society for Historical Archaeology (2007-Present)  
 Society for Industrial Archaeology [SIA] (2007-Present),  
 -“Great Northern Chapter” founding member and Vice President (2016-Present)

## Other Skills

Proficiency in Microsoft Office products (Excel, Access, PowerPoint, Word)  
Proficiency in Database software such as FileMaker, Bento, Access, and Alpha4  
Proficiency in GIS Database software such as ESRI's Arc-View  
Digital Photography  
Photo enhancement and interpretation  
Use of GPS units in archaeological survey  
Use of Ground Penetrating Radar (GPR) and resistivity equipment  
Optical and Laser survey using total stations to plot field maps  
Flotation sieving of soils for ethno-botanical remains  
Conserving iron artifacts  
Cross-mending of broken ceramics  
Basic blacksmithing and metal-working skills  
Olympic Fencing (Saber)  
Preparing and enjoying meals paired with wine