**Education**

**University of Wisconsin- Madison**

**Madison, WI**

Masters in Cartography/GIS

Expected to Graduate Fall 2021

**University of Southampton Southampton, UK**

Master of Science—Maritime Archaeology December 2014

Graduated with Merit

**University of Wisconsin, La Crosse**

**La Crosse, WI**

Bachelor of Science

May 2013

Major: Archaeological Studies

Minor: Anthropology

**Professional Experience**

**Naval History and Heritage Command Underwater Archaeology Branch Washington DC Navy Yard**

October 17, 2018 – April 15, 2019

Underwater Archaeologist

GS-07

* Performed research on ships of the Revolutionary War, World War I, and World War II using National Archives in Washington DC as well as the archives located in Washington DC Navy Yard.
* Used collected research and data provided by third parties to write reports on shipwrecks and weapon systems of World War 1 and World War II.
* Assisted in the preservation of artifacts in the archaeology labs on Washington Navy Yard.
* Conducted research and completed memo on the eligibility of submerged vessels to the Sunken Military Craft Act.

**Brian F. Smith and Associates, Inc. Poway, CA**

January 4, 2016 - October 10,2018

Archaeologist

* Performed Archaeological and Paleontological monitoring for development projects in the San Diego County and surrounding areas.
* Identified and recorded prehistoric and historic cultural sites, features, and artifacts in project areas in San Diego, Los Angeles, and Riverside County.
* Applied techniques to include site walkovers, shovel testing, site delineation, site monitoring, artifact photography and GPS recording for both historic and prehistoric sites.
* Applied lab techniques in cleaning and cataloging artifacts.

**Epsilon Systems Solutions, Inc. Ridgecrest, CA**

August 4, 2015 - December 14, 2015

Archaeologist I

* Identified and recorded prehistoric and historic cultural sites and features at the Naval Air Weapons Station China Lake by performing Phase I & II archaeological surveys and excavations.
* Applied techniques included site walkovers, shovel testing, site delineation, site

monitoring, artifact photography and GPS recording for both historic and prehistoric sites.

* Cleaning and cataloging artifacts found.

**Commonwealth Cultural Resources Group, LLC Milwaukee, WI**

October 1, 2014 - June 15, 2015

Archaeologist I

* Identified and recorded cultural features various sites located in Wisconsin and Michigan by performing Phase I & II archaeological surveys and excavations.
* Applied techniques included site walkovers, shovel testing, site delineation, site

monitoring, artifact photography and GPS recording for both historic and prehistoric sites.

* Cleaning and cataloging artifacts found.

**Center for Environmental Management of Military Lands Fort McCoy, WI**

June 10, 2013 - August 10, 2013

Archaeologist I

* Identified and recorded cultural features of Fort McCoy by performing Phase I & II archaeological surveys often using handheld GPS units
* Carried out identification of UXO (unexploded ordnance) areas
* Work was often conducted in adverse environments with high physical exertion

**United States Army Reserve—Food Service Specialist Rochester, MN**

August 1, 2009 - November 10, 2010

E-4/Specialist

* 79th MP Company Squad leader of the Cook Squad with three subordinate soldiers under my leadership.
* Monthly responsibilities included food acquisition, distribution to the company, and drilling my squad.
* During yearly field exercises, I lead my squad in preparing and serving hot meals to the company from a containerized kitchen.

**United States Army—Food Service Specialist Fort Carson, CO**

July 13, 2004 - June 05, 2009

E-4/Specialist

* While in the 4th ID 3/29th FA, Entrusted duties focused on the production and distribution of hot meals for 1000+soldiers in both a garrison and field environment.
* Led a shift of 12 cooks in garrison.
* Deployed twice in Operation Iraqi Freedom, providing convoy security for supplies and equipment.

**Research & Field Experience**

**USS *Juneau* CL-52**

**Naval History & Heritage Command**

April 15, 2019

* Reviewed video data recovered of World War II Light Cruiser ship USS *Juneau* from Vulcan LLC. Conducted historical research into *Juneau* and the battles that the vessel participated in. Incorporated explosive analyses in determining the extent of damage that was applied and critiqued the data gathering process from Vulcan LLC.

**Masters Dissertation**

**University of Southampton**

September 20, 2014

* The dissertation presents one preliminary into the investigation of theramifications of ocean acidification and climate change on submerged resources. Focusing on a selected group of WWII wrecks around the southern coast of England and the Hawaiian Islands, this research examined CO2 absorption rates into water fixating on the of ocean pH levels. Through the review and extrapolation of present oceanic pH data current data, the findings of this study stress the significant threat submerged cultural resources face and that climate change and ocean acidification must be addressed in current cultural resource management practices**.**

**Itchen River Boat Project**

**University of Southampton**

May 1, 2014

* A graded survey of a wooden ship in the tidal zone of the Itchen River for the University of Southampton in accordance to the Master’s program. Research, photography, and recording of the ship was conducted to observe the degradation of the vessel since it was last surveyed. Techniques used were GPS/ArcGIS, 3D scanning, and measuring plank by hand. A report was compiled and submitted for approval.

**Lighthouse Archaeology Maritime Program, Storm Wreck Site**

**St. Augustine, FL**

June 1, 2012 - July 1, 2012

* Training in underwater archaeological field methods including submerged site recording, dredging, and recovery of the Storm Wreck site off the coast of St. Augustine Florida. Techniques used were diving on the site and using sonar to find potential wreckage around the site. The field school is offered through Plymouth State University.

**ARC 402 Field Methods in Archaeology- University of Wisconsin at La Crosse**

**La Crosse, WI**

June 1, 2011 - July 1, 2011

* Archaeological field survey and excavation of the Tremaine Site, an Oneota habitation site, near Holmen Wisconsin. Training included course work in the history, and prehistory of the region, Oneota Culture, and Methodology. The program was offered through the University of Wisconsin at La Crosse Archaeology Department.

**Relevant Coursework Completed**

* **Maritime Archaeology**
  + SOES6061: Marine Geoarchaeology
  + ARCH6114: Maritime Aspects of Culture
  + ARCH6119: Applied Maritime Archaeology
  + ARCH6122:Ancient Mediterranean Seafaring
* **Archaeology**
  + ARC 195: Archaeology - Introductory Method and Theory in Archaeology
  + ARC 200: World Archaeology
  + ARC 250: Museum Studies
  + ARC 285: Archaeology of Mexican and Central America
  + ARC 295: Egyptian Archaeology
  + ARC 300: Cultural Resource Management
  + ARC 340: Origins of Cities
  + ARC 368: Babylonian I
  + ARC 375: Iran before Islam
  + ARC 403: Archaeology Lab Methods
  + ARC 455: Historic and Theoretical approaches to Archaeology
* **Anthropology**
  + ANT 101: Human Nature/Human Culture
  + ANT 102: Intro Physical Anthropology
  + ANT 230: Southeast Asia-People & Culture
  + ANT 305: Indigenous Agricultural Societies Past/Present
  + ANT 320: Rites, Rituals and Ceremonies
  + ANT 321: Images, Visual Culture & Anthropology
  + ANT 350: Language & Culture
  + ANT 454 Historic & Theoretical Anthropology

**Awards & Honors**

* Army Commendation Medal (2nd award)
* Army Good Conduct Medal
* Global War on Terrorism
* Iraq Campaign Medal w/ Campaign Star (2nd award)
* Overseas Service Ribbon (2nd award)
* Meritorious Unit Commendation
* National Defense Service Medal
* Army Service Ribbon
* Combat Action Badge

**Skills & Certification**

* **High Proficiency in the following software**:
  + Microsoft Office Suite
  + Microsoft Access
  + ArcGIS Suite
  + CLIMsystems
  + Site Recorder
  + TerraSync
  + Photoshop CS-6
  + Jstor
  + Mendelev
* **High Proficiency in the following survey tools and methodologies**:
  + Total Station
  + Compass & map orienteering
  + Global Positioning Systems (Trimble & Leica)
    - RTK and GPS
    - Triangulation
* **Other Skillsets**:
  + Heavy Vehicle Operation
  + Basic Seamanship and Boat Maintenance
  + Basic Knots
  + General Hand Tools and Maintenance
  + Basic SCUBA Maintenance
  + Basic Engine Maintenance
* **High Proficiency in the following Archaeological tools and methodologies**:
  + Shovel Test Probes
  + Grid Trench
  + Floatation
  + Artifact Identification (Prehistoric & Historic)
  + Phase I, II, & III Archaeological Survey
  + Underwater Dredging
  + Submerged Site Recording
  + Submerged Site Documentation
  + Artifact Photography (Field & Lab)
* **Certifications**:
  + BSAC Sports Diver w/ Rescue
  + BSAC Drysuit Certified
  + PADI Open Water
  + Full Face Mask Certification

**Associations**

* Register for Professional Archaeologists December 2014--Present
* Nautical Archaeology Society Training Certificate Part I

May 2014—Present