

Adam M. Burke

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Education

- 2015- Present: **Doctorate of Philosophy (in Progress)**, Texas A&M University, Center for the Study of the First Americans, Department of Anthropology, PhD Program in Anthropology
- 2014: **Master of Arts**, Indiana University of Pennsylvania, Department of Anthropology, MA Program in Applied Archaeology
Master's Thesis: *The Wayne's Sink Site (8JE1508/8TA280): A PXRf Analysis of Lithic Materials from a Submerged Quarry in the Aucilla River, Florida*
- 2010: **Bachelor of Arts**, Wilkes University, History Department, Anthropology Department, Capstone Project: *From a Slave's Perspective: An Analysis of the American Slave System*

Research

- Geochemical and microscopic analyses of stone tool taphonomy and chemical weathering of cherts
- Using PXRf to analyze and identify the provenance of Florida cherts
- Lithic and geochemical analysis of the Wayne's Sink site, Florida (8JE1508/TA280)
- Zooarchaeological analysis of the Johnston site, Pennsylvania (36IN2)
- Lithic and ceramic analysis of the Consol site, Pennsylvania (36WM100)

Professional Presentations and Meetings Attended

- March 26, 2015 Guest Lecturer, Grave Creek Mound Archaeological Complex (Moundsville, West Virginia)
 - Lecture: *Submerged Prehistoric Archaeology in Northwest Florida*
- November 12, 2014 Invited Coauthor, 71st annual meeting of the Southeastern Archaeological Conference (Greenville, South Carolina)
 - Invited Paper Coauthored: *The Quarry Cluster Approach to Chert Provenance Studies, With Examples from Florida*
- April 26, 2014 General Speaker, 79th Annual meeting of the Society for American Archaeology (Austin, Texas)
 - Paper Presented: *Dark Waters and Darker Artifacts: Using PXRf to Analyze Chert Provenance and Patina Formation in the Aucilla River, Northwest Florida*
- March 23, 2014 Guest Lecturer, Anthracite Heritage Museum (Scranton, Pennsylvania)
 - Lecture Presented: *Megafauna and Material Culture: Submerged Prehistoric Archaeology in the Aucilla River, Northwest Florida*
- 2013 Florida Chert Sourcing Symposium (Weedon Island, Florida)
 - Hands-on training in Florida chert identification

- 2013 Middle Atlantic Archaeological Conference (Virginia Beach, Virginia)
 - Poster Presented: *Cultural Modification on Bone from the Johnston Site*

Select Archaeological Experience

- Extensive Cultural Resource Management experience throughout the Northeastern United States
 - Directed Phase Ia reconnaissance surveys, including using handheld Trimble GPS and field recording
 - Contributed on multiple Phase I reports including writing culture context statements and general editing
 - Participated in multiple Phase I and II cultural resource surveys
 - Responsible for flotation methodology research and cataloging, processing, and sorting of flotation samples
 - August, 2013 through May, 2015
- Ryan-Harley Underwater Archaeological Investigation (Wacissa River, Northwest Florida)
 - Employed as exploratory and archaeological diver responsible for staging equipment, excavation, and recording of *in situ* materials during block excavation
 - May through June, 2015 (60hrs/week)
- Page-Ladson and Sloth Hole Underwater Archaeological Investigations (Aucilla River, Northwest Florida)
 - Employed as exploratory and archaeological diver responsible for staging equipment, excavation, and recording of *in situ* materials during block excavation
 - June through July, 2015(60hrs/week)
- Western Great Basin Perennial Lake Survey (Malheur National Wildlife Refuge, Oregon; Eagle Lake, California; Walker Lake, Nevada)
 - Employed as Consultant and Field/Underwater Archaeologist
 - Assisted in site record searches at BLM and Forest Service facilities
 - Assisted in archaeological and geological surveys targeting specific landforms on BLM and US Forest Service lands in Oregon, California, and Nevada
 - Assisted in underwater archaeological surveys on US Forest Service lands in California and Nevada
 - Facilitated the recording of open-air archaeological sites, identifying and collection of diagnostic stone tools, and describing lithic raw materials
 - Hiked up to 10 miles/day
 - July 7, 2014 through August 25, 2014 (Total of 6 weeks, 60hrs/week)
- Idaho National Laboratory Geoarchaeological Testing Project (Eastern Snake River Plain, Idaho)
 - Volunteered during block excavation at the Pioneer Site
 - Responsible for excavation, recording of *in situ* materials, and collection of samples for radiometric and microscopic analysis.
 - July 8 through July 26, 2013 (3 weeks)

- Page-Ladson Underwater Archaeological Investigation (Aucilla River, Northwest Florida)
 - Employed as exploratory and archaeological diver responsible for staging equipment, excavation, and recording of *in situ* materials during block excavation
 - Underwater Phase I survey to identify archaeological and paleontological sites
 - May 14 through June 11, 2013 (4 weeks, 60 hours/week)
- Research Assistant, Indiana University of Pennsylvania
 - Flotation and processing
 - Laboratory management and supervision
 - September 2012 to May 2013 (Part-time during school semester, 10 hours/week)
- Page-Ladson Terrestrial Testing (Aucilla River, Northwest Florida)
 - Assisted with shovel test pits, laying in grids, and recording of archaeological findings while surveying to determine the boundaries of the Page-Ladson site
 - January 3 through 14, 2013 (10 days)
- Page-Ladson Underwater Archaeological Investigation (Aucilla River, Northwest Florida)
 - Employed as exploratory and archaeological diver responsible for staging equipment, excavation, and recording of *in situ* materials during block excavation
 - July 1 through August 26, 2012 (8 weeks, 60 hours/week)
 - October 2012 (6 days)
- Indiana University of Pennsylvania's Graduate Level Archaeological Field School
 - The Johnston Site, Blairsville, PA (36IN2)
 - May through July 2012 (5 weeks)

Extracurricular Activities

- Member of Indiana University of Pennsylvania's Ethics Bowl team (2012-2013)
 - Participated in Society for American Archaeology's Ethics Bowl, 2012
- Wilkes University ESL Department
 - Assisted ESL department with volunteer English Instruction (2010-2011)

Honors

- Nominee for IUP's Graduate Student Outstanding Research Award (2015)
- Recipient of IUP's Funding for Graduate Students to Present Papers (2013)
- Recipient of IUP's Professional Development Grant (2012, 2013)
- Member of Phi Alpha Theta History Honor Society (2010)
- Head Delegate of Wilkes University's delegation to the National Model United Nations (2010)
- Spearheaded production of the grant funded Wyoming Valley Oral History Project Documentary *Did You Boscov Today?* (2009)

Membership in Professional Societies

- Maritime Archaeological Survey Team (MAST)
- Society for American Archaeology (SAA)

Specialized Training

- Familiar with Trimble handheld GPS operation
- CPR/First Aid certified
- ArcGIS Intermediate End User
- Graduate-level grant proposal and report writing experience
- Portable X-Ray Florescence Spectrometry (PXRF) training and experience
- Public archaeology training and experience
- Zooarchaeological training and experience
- Prehistoric artifact analysis training and experience
- Flotation training and experience
- Rigorous graduate-level coursework in archaeological laws, ethics, theory, and methods
- Experience with blackwater diving
- Scuba Open Water certified
- MAST certified in shipwreck recording
- DAN Insured
- Proficient with Microsoft Word, Access and Excel
- Proficient with IBM SPSS Statistics 21
- Proficient with GAUSS GSRUN 8.0 MURRAp Biplot software

References Available Upon Request