

**Morgan Forrester Smith**  
Ph.D. Candidate  
Center for the Study of the First Americans  
Anthropology Department  
Texas A&M University  
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### **Education**

2013-2019, PhD, Anthropology: Texas A&M University  
College Station, TX

Emphasis- Geoarchaeology, hunter-gatherer anthropology, submerged prehistoric archaeology  
Dissertation- "Liquid Landscapes: What Underwater Prehistoric Sites in the Lower Southeast Tell Us about Climate Change, the Peopling of the Americas, and the Settlement of a New Continent"

2010-2013, B.A., Anthropology: University of West Florida  
Pensacola, FL

Emphasis- Archaeology  
Minor- Maritime Studies  
Overall GPA- 3.89-Magna Cum Laude

### **Research Interests**

Prehistoric archaeology, geoarchaeology, hunter-gatherer studies, archeogeophysics, geographic information systems (GIS), submerged landscapes, lithic technological organization, human response to climate change, human migration and settlement, teaching anthropology.

### **Presentations/Publications**

#### *Publications*

- 2020- "Liquid Landscapes: The Contributions of a New Wave of Submerged Prehistoric Archaeology to the Paleoindian and Early Archaic Record of the Southeast United States." In *The Paleoindian and Early Archaic Southeast, Volume 2*, University of Alabama Press, 2019. By Morgan F. Smith, Shawn A. Joy, Jessi J. Halligan, Michael R. Waters, David K. Thulman, Michael K. Faught, Angelina Perrotti, Brendan Fenerty, Adam M. Burke, and Ryan Duggins. *Manuscript submitted to editor.*
- 2019- "Site Formation Processes and Geoarchaeology at the Ryan-Harley Site, Florida, USA." By Morgan F. Smith. Manuscript complete, figures in preparation for submittal to Geoarchaeology.
- 2019- "Hunting an Underwater Mammoth: A Re-Evaluation of the First Submerged Prehistoric Site Excavated in the Americas." Morgan Smith. In "First Floridians, First Americans" ed. Dave Thulman and Ervan Garrison. University of Florida Press, 2018. *Book in press.*
- 2019- "Emerging Remote Sensing Methods in Underwater Archaeology." Tim DeSmet and Morgan Smith. In *First Floridians, First Americans* ed. Dave Thulman and Ervan Garrison. University of Florida Press, 2018. *Book in press.*
- 2019- "Analysis of a coprolite from Conejo Shelter, Texas: Potential ritualistic Viperous snake consumption." Elanor Sonderman, Crystal Dozier, and Morgan Smith. Manuscript submitted to JAS reports, October, 2018.

- 2018- "Submerged," in the Active Archaeology Notebook, pp 19-21. Thames and Hudson. Edited by Leah McCurdy. A classroom exercise in underwater archaeology.
- 2018- "pHreservation," in the Active Archaeology Notebook, pp 31-35. Thames and Hudson. Edited by Leah McCurdy. A classroom exercise in geoarchaeology.
- 2013- "Wakulla 3: A Project Proposal for Baseline Cultural Heritage Survey and Monitoring of Wakulla Spring." Steve Cushman, David Selmo, and Morgan Smith. Published in *Business Communication*, Scwom and Snyder 2012.

#### *Technical Reports*

- 2018- "Peanut Shells, Piece Plots, and Paleoindians: A Report on Recent Research and Excavations at the Guest Mammoth Site (8MR130)." In revisions.
- 2016- "A Report on Archaeological Investigations at Silver Springs State Park" by Morgan F. Smith. Submitted to the state of Florida Bureau of Archaeological Research and the Florida Department of Environmental Protection in March 2015.
- 2015- "A Report on Morphometrics Obtained from a Dugout Canoe in Lovers Leap Spring, Marion County, Florida" by Morgan F. Smith. Submitted to the state of Florida Bureau of Archaeological Research and the Florida Department of Environmental Protection in May 2015.

#### *Conference Papers and Guest Lectures*

- 2018- Society for American Archaeology Conference, Washington, D.C.- "Stuck in the Middle: A Technological Organization Study on an Underwater Paleoindian Assemblage."
- 2017- Southeast Archaeological Conference- "Liquid Landscapes: A New Wave of Submerged Prehistoric Archaeology in North America."
- 2016- Southeast Archaeological Conference- "An Update on Geoarchaeological Excavations at the Ryan-Harley Site, Florida."
- 2015- First Floridians, First Americans Conference, Monticello, FL- "A Mammoth Question: Can We Count the First Floridians Among the First Americans?"
- 2015- Society for American Archaeology Conference, San Francisco, CA- "A Geoarchaeological Review of the Guest Mammoth Kill Site in Central Florida."
- 2014- Southeast Archaeological Conference, Greenville, SC- "A Morphometric Analysis of Ivory Point Specimens from Florida's Submerged Contexts."
- 2014- Texas A&M Anthropology Conference, College Station, TX- "Sea Cows as Soft Hammers: Comparing Lithic Morphometrics between Percussion Hammers."
- 2013- Panhandle Archaeological Society of Tallahassee- "The Past, Present, and Future of Archaeological Research at Wakulla Spring, FL."
- 2013- Southeast Archaeological Conference, Tampa, FL- "Red Sticks Barricade: Geophysical Investigations at Horseshoe Bend National Military Park." **Co-Author**
- 2012- Southeast Archaeological Conference, Baton Rouge, LA- "Archaeology Merit Badge: A Successful Public Outreach Model."

#### *Posters*

- 2018- Society for American Archaeology Conference, Washington D.C.- "Fabric and Spatial Analyses of the Artifacts Recovered from the Ryan-Harley Paleoindian Site (8JE1004) in North Florida." **Co-Author, advisor to M.A. student.**

- 2016- Texas A&M Anthropology Conference- College Station, TX- “The Efficacy of Three Artifact Collection Methodologies at the Ryan-Harley Site (8JE1004).” **Co-author, advisor to undergraduate students.**
- 2016- Texas A&M Anthropology Conference- College Station, TX- “A Preliminary Fabric Analysis on the Spatial Distribution of Artifacts from the Ryan-Harley Site (8JE1004).” **Co-author, advisor to undergraduate students.**
- 2014- Texas A&M Student Research Week, College Station, TX- “Sea Cows as Soft Hammers: Comparing Lithic Morphometrics between Percussion Hammers.” **Co-Author.**
- 2013- Paleoamerican Odyssey Conference, Santa Fe, NM- “Wakulla In-Depth: An In-Depth Survey of a Deep Underwater Cave.”
- 2013- UWF Students Scholars Symposium, Pensacola, FL- “Efficacy of Pollen Isolation: Analysis and Interpretation of Soil from Thompson’s Landing Archaeological Site (8ES950).”

### **Honors and Grants Awarded**

2019- North Star Archaeological Research Foundation	\$20,000
2019- Florida Department of State Historic Preservation Grant	\$50,000
2018- TAMU PhD Candidate Dissertation Fellowship	\$18,000
2018- Explorers Club Graduate Research Grant	\$1,200
2018- Phi Kappa Phi Dissertation Fellowship	\$10,000
2018- Roy J. Schlemmon Fund for Geoarchaeological Fieldwork	\$1,000
2017- PaleoWest Foundation Scholarship	\$2,000
2013-2018- Internal Grants from TAMU Anthropology for Development/Travel	\$6,000
2017- TAMU Dissertation Enhancement Award	\$1,000
2016- Felburn Foundation Research Grant	\$20,000
2016- Phi Kappa Phi Love of Learning Award	\$500
2016- TAMU Dissertation Enhancement Award	\$4,000
2016- TAMU Anthropology Department Teaching Excellence Award	\$500
2015- Elfrieda Frank Foundation Research Grant	\$25,000
2014- Phi Kappa Phi Love of Learning Award	\$500
2014- Runner-Up, Texas A&M Student Research Week Poster Contest	\$150
2014- TAMU College of Liberal Arts Professional Development Award	\$3,500
2013- University of West Florida Outstanding Undergraduate Student	-
2013- Presidential Merit Fellowship, Texas A&M University	\$112,000
2012- UWF Travel Grant	\$1,250
2011- UWF SGA Travel Grant	\$1,500
2006- Eagle Scout	-

### **Professional Experience**

#### **Texas A&M University**

#### **Student/Employee 2011-Present**

#### **College Station, Texas**

May-June 2018

Page-Ladson Excavation

Role: Assistant Field Supervisor

Duties: Excavate site, collect geologic samples, mentor new students on site, maintain dive equipment.

December 2017

Lake George UW Geophysical Survey

Role: Remote sensing technician  
 Duties: Collect sub-bottom and sidescan data. Navigate research vessel. Identify landforms suitable for prehistoric sites.

July 2017 Guest Mammoth Site Excavation  
 Role: Principal Investigator  
 Duties: Direct hypothesis-driven excavation of a mammoth site. Directed coring and side-scan survey.

January 2017 Ryan-Harley Geologic Testing  
 Role: Principal Investigator  
 Duties: Direct coring, augering, and shovel testing survey of landforms, create DEM in GIS from data.

August 2016 Guest Mammoth Geophysical Survey  
 Role: Principal Investigator  
 Duties: Direct side-scan sonar and magnetometer survey and data collection in a riverine setting. Process data and search for potential targets. Georeference data for use in GIS.

January 2016 Ryan Harley Augering  
 Role: Principal Investigator  
 Duties: Direct auger testing of landform to construct DEM of paleo-land surface. Collect data points with total station, map points in GIS.

June-July 2015 Ryan-Harley Excavation  
 Role: Co-Principal Investigator  
 Duties: Direct seven-person excavation crew, conduct full excavation of 12m<sup>2</sup>, collect geologic samples. Excavated in 5cm levels, piece-plot all material. All material 1/16<sup>th</sup> inch screened. Lithic and faunal analysis underway. Conduct spatial analysis of artifact distribution in GIS.

January 2015 Ryan-Harley Coring  
 Role: Principal Investigator  
 Duties: Collect geologic cores from site, analyze with pXRF for chemostratigraphy. Extract sediment, radiocarbon, and pollen samples for analysis.

July 2014 Silver River Survey  
 Role: Principal Investigator  
 Duties: Conduct survey dives, excavate geologic trenches, locate Pleistocene sediments.

June-July 2014 Florida Rivers Survey  
 Role: Scientific Diver  
 Duties: Prospecting for intact submerged prehistoric sites in several Florida rivers.

May-June 2014 Page-Ladson Excavation

May-June 2013

July-August 2012  
 Role: Scientific Diver  
 Duties: Excavate site, collect geologic samples, maintain dive equipment.

**Southeast Archaeological Center (SEAC) Pathways Employee 2011-Present**  
**National Parks Service**  
**Tallahassee, FL**

June 2017 Cumberland Island National Seashore  
 Role: Technician  
 Duties: Collect geologic samples of sediments surrounding slave cabins for geochemical

analysis to determine activity areas.

May 2017 Horseshoe Bend National Military Park  
 Role: Technician  
 Duties: Soil resistivity, magnetometer, gradiometer, and GPR survey of a large Creek Village site.

July 2016 Fort Raleigh National Monument  
 Role: Technician  
 Duties: Assess damage to shoreline and cultural resources from climate change induced sea level rise. Search for evidence of the famous “Lost Colony.” Identify future threatened areas in GIS.

July 2016 Russell Cave National Monument  
 Role: Technician  
 Duties: Excavate intact portion of rock shelter to mitigate damage from ongoing erosion. Create a map of past of current excavations in GIS.

June 2016 Fort Donelson National Cemetery  
 Role: Technician  
 Duties: Mitigate damage to Civil War soldier graves in cemetery from ground disturbing activities.

2013-2016 Osceola National Forest  
 Role: Crew chief, technician  
 Duties: Conduct 106 compliance survey of national forest. Import spatial data to GIS for map building.

2013-Present Archaeology Merit Badge Instructor  
 Role: Coordinator, instructor  
 Duties: Develop curriculum, instruct merit badge.

June 2015 Russell Cave National Monument  
 Role: Technician  
 Duties: Conduct 106 compliance shovel testing, walkover surveys, public outreach, remote sensing.

August 2013 Horseshoe Bend National Military Park  
 Role: Technician  
 Duties: Run GPR, magnetometer, conductivity, and resistivity meter to identify subsurface features.

July 2011 Vicksburg National Cemetery  
 Role: Technician  
 Duties: Identify unmarked graves in cemetery with remote sensing and minimal excavation. Update GIS map of known graves.

July 2010 Timucuan Ecological and Historical Preserve  
 Role: Student  
 Duties: Remote sensing survey of slave plantation to identify house features. GPR, resistivity, magnetometer.

February 2010 Palo Alto National Battlefield  
 Role: Student  
 Duties: Metal detecting survey of Mexican American War battlefield. GIS spatial analysis of recovered munitions to identify troop lines/movement.

July 2009 Fort Rosalie National Historic Park  
 Role: Student

Duties: Phase 3 excavation of 18<sup>th</sup>-century French Fort Rosalie. Shovel testing to determine site extent.

April 2009

Cumberland Island National Seashore

Role: Student

Duties: Phase 3 excavation of 18<sup>th</sup>-century British fort, Fort St. Andrews.

**University of West Florida  
Student/Employee 2010-2013  
Anthropology Department  
Pensacola, Florida**

May-June, 2012

Terrestrial/Maritime Arch. Field School

Role: Student

Duties: Learned terrestrial and shipwreck testing and excavation methods.

January-May, 2012

University of West Florida

Role: Lab Technician

Duties: Cleaning, sorting, processing, cataloging, and identification of artifacts.

Ethnobotanical analysis, column sample processing.

**Teaching**

<i>Course*</i>	<i>Semesters Taught</i>	<i>Class Sizes</i>
Peoples and Cultures of the World (ANTH 205)	4	<ul style="list-style-type: none"><li>● 30 students</li><li>● 90 students</li><li>● 100 students</li><li>● 125 students</li></ul>
Scientific Writing (ANTH 301)	1	<ul style="list-style-type: none"><li>● 30 students</li></ul>
Submerged Prehistory (ANTH 489)	1	<ul style="list-style-type: none"><li>● 10 students</li></ul>

*\*Course reviews available on request*

Present-2018- Graduate-Undergraduate Mentorship Program Coordinator

Present-2013- Graduate-Undergraduate Mentorship Program Mentor

- Wyatt Taylor<sup>+</sup>
- Mark Chavez<sup>+</sup>
- Martin Kallus<sup>+°</sup>
- Jordan Pierce<sup>+°</sup>
- Foley Peters<sup>+°</sup>
- Rebecca Tauge
- Osblado Alvarez
- Lawrence Tsou
- Kyle Grover
- Elanor Kolb
- Jordan Purcell
- Hannah Davidson

*+Indicates undergraduate completed student research project under my mentorship*

*°Indicates undergraduate job or graduate school placement through reference*

**Public Outreach and Service**

Present-2018- Elected Graduate Student Representative to the Advisory Council on Underwater Archaeology.

Present-2009- Archaeology Merit Badge Instructor for Boy Scouts. Over 100 boys instructed in more than ten separate merit badge events.

- 2017- A Mammoth Question: What Can Underwater Prehistoric Sites Tell Us About the Peopling of the Americas? The American Quaternary Association Newsletter. November, 2017. Vol 39, No.
- 2017- Seeing the Ice Age Wacissa through Artifacts and Fossils. WFSU, Ecology Blog.
- 2017- Texas Archaeology Team Dives to Assess Florida's Unique Underwater Sites. WGPU, NPR Station.
- 2017- Underwater Archeology in Florida: Silver River Mammoths. WFSU, Ecology Blog.
- 2017- Public talk on the importance of archaeology, Silver Springs, FL.
- 2017-2016- Elected Anthropology Department Graduate Student Representative to the Texas A&M Graduate and Professional Student Council.
- 2016- Public talk on research conducted at Silver Springs State Park, Ocala, FL.
- 2015- Underwater Archeology: Excavating the Wacissa River. WFSU, Ecology Blog.
- 2015- Public talk on the importance of archaeology, Silver Springs, FL.
- 2014- Public talk for Texas A&M Undergraduate Anthropology Club.
- 2012- Public lecturer at the Panhandle Archaeological Society of Tallahassee.

### **Professional Organizations**

Center for the Study of the First Americans	Florida Anthropological Society
Society for Historical Archaeology	Southeastern Archaeological Society
Phi Kappa Phi Honor Society	Society for Historical Archaeology
Society for American Archaeology	

### **References**

Dr. Michael Waters- Director, Center for the Study of the First Americans; Professor, Texas A&M University. (979) 845-5246 or mwaters@tamu.edu

Dr. Jessi Halligan- Assistant Professor, Florida State University. (850) 645-7844 or jhalligan@fsu.edu

Dr. Ted Goebel- Professor, Texas A&M University. (979) 862-4544 or goebel@tamu.edu

Mr. John Cornelison- Archeologist, Southeast Archeological Center, National Parks Service, Tallahassee, FL. (850) 580-3011 x127 or john\_cornelison@nps.gov.