

Morgan Forrester Smith
UC Foundation Associate Professor of Anthropology
University of Tennessee – Chattanooga
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Professional Appointments

2023-Present: UC Foundation Associate Professor of Anthropology, Department of Social, Cultural, and Justice Studies, University of Tennessee, Chattanooga.
2022-Present: Executive Director, Archaeological and Geoscientific Logistics, LLC.
2022-Present: Courtesy Faculty, Underwater Archaeology Program, University of Miami.
2021-Present: Courtesy Faculty, Centro Interdisciplinario de Ciencias Marinas, Marine Archaeology Program, La Paz, Mexico.
2019-Present: Courtesy Assistant Professor, Department of Anthropology, Florida State University, Tallahassee, Florida.
2017- Present: Board of Directors, Archaeological Research Cooperative.
2019-2023: Assistant Professor of Anthropology, Department of Social, Cultural, and Justice Studies, University of Tennessee, Chattanooga.
2019- 2024: Secretary/Treasurer, Tennessee Council of Professional Archaeology.
2010-2019: Archeological Technician, Southeast Archeological Center, National Park Service.

Education

Ph.D. 2019, Anthropology, Texas A&M University, College Station
Emphasis- Geoarchaeology, hunter-gatherer anthropology, submerged landscape 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”
Graduate Certificate, 2019, Geographic Information Science, Texas A&M University, College Station.
B.A. 2013, Anthropology, University of West Florida, Pensacola
Minor- Maritime Studies
Magna Cum Laude

Research Expertise

The peopling of the Americas, geoarchaeology, hunter-gatherer studies, archaeogeophysics, geographic information systems (GIS), submerged landscapes, lithic technological organization, prehistoric human response to climate change, colonization of landscapes, teaching anthropology.



Publications/Presentations

Refereed Publications

- No Date- Working Title: “Liquid Landscapes: Stories, Significance, and Science from Florida’s Submerged Prehistory.” Morgan F. Smith. Prospectus and samples chapters in preparation to be submitted to University of Florida Press.
- 2024- “Multi-proxy Paleoenvironmental Data from Paulina Marsh Inform Human-Environmental Dynamics in the Northern Great Basin, U.S.A.” *Quaternary Science Reviews*, March 2024. Katelyn N. McDonough, Daniel G. Gavin, Richard L. Rosencrance, Loren G. Davis, Stephen C. Kuehn, Morgan F. Smith, Grant Snitker, Chantel V. Saban, and Ryan Szymanski. <https://doi.org/10.1016/j.qsa.2024.100184>
- 2023- “Lithic Technological Organization of the Suwannee Tradition: A View from the Ryan-Harley Site (8JE1004), Florida, USA.” *PaleoAmerica*, 9:4, 346-363. Morgan F. Smith
- 2023- “The Early Holocene Archaeology of Florida: Geospatial Approaches to Understanding Bolen Mobility.” Jessi Halligan, David Thulman, Adam Burke, and Morgan F. Smith. *Southeastern Archaeology*, <https://doi.org/10.1080/0734578X.2022.2163120>.
- 2022- “Targeting Coastal Plains Chert in the Wacissa Quarry Cluster, Northwest Florida. USA: A LIDAR-Based Geomorphic Model for Locating Terrestrial Chert.” Adam Burke and Morgan F. Smith. In “Sourcing Lithic Archaeological Assemblages” ed. Andy Speer, Ryan Parish, and Gustavo Barrientos. pp 120-132. University of Utah Press, 11/2022.
- 2022- “Liquid Landscapes: The Contributions of a New Wave of Submerged Prehistoric Archaeology to the Paleoindian and Early Archaic Record of the Southeast United States.” 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. In “The American Southeast at the End of the Ice Age,” University of Alabama Press, 2022. Ed. Shane Miller, Ashley Smallwood, and Jesse Tune.
- 2022- “Geoarchaeological Excavations at the Guest Mammoth Site (8MR130), Florida, USA.” Morgan F. Smith. *Quaternary Science Reviews*, 279, 3/1/2022, 107385.
- 2021- “A Reexamination of the Alexon Bison Site, Florida.” Michael R. Waters, Zachary N. Newall, and Morgan F. Smith. *PaleoAmerica*, 7:3, 280-285.
- 2021- “The magnificent seven: Marine submerged precontact sites found by systematic geoarchaeology in the Americas.” Michael K. Faught and Morgan F. Smith. Published in the *Journal of Island and Coastal Archaeology*, 16:1 86-102.
- 2021- “Acoustic Mapping of Submerged Stone Age Sites—A HALD Approach.” Ole Grøn, Lars O. Boldreel, Morgan F. Smith, Shawn Joy, Rostand Tayong Boumda, Andreas Mäder, Niels Bleicher, Bo Madsen, Deborah Cvikel, Björn Nilsson, Arne Sjöström, Ehud Galili, Egon Nørmark, Changqing Hu, Qunyan Ren, Phillipe Blondel, Xing Gao, Petra Stråkendal, and Antonio Dell’Anno. *Remote Sensing*, 13(3): 445.
- 2020- “Site Formation Processes and Geoarchaeology at the Ryan-Harley Site, Florida, USA.” Morgan F. Smith. *Geoarchaeology*, 2020; 35: 451– 466.



- 2019- "Hunting an Underwater Mammoth: A Re-Evaluation of the First Submerged Prehistoric Site Excavated in the Americas." Morgan F. Smith. In "New Directions in the Search for the First Floridians" ed. David Thulman and Ervan Garrison. University of Florida Press.
- 2019- "Emerging Remote Sensing Methods in Underwater Archaeology." Tim DeSmet and Morgan F. Smith. In "New Directions in the Search for the First Floridians" ed. Dave Thulman and Ervan Garrison. University of Florida Press.
- 2019- "Analysis of a coprolite from Conejo Shelter, Texas: Potential ritualistic Viperous snake consumption." Elanor Sonderman, Crystal Dozier, and Morgan F. Smith. *Journal of Archaeological Science: Reports* 25, 85-93.

Non-Refereed Publications

- 2022- "The Bering Land Bridge Theory: An Education About Asia (EAA) Interview with Professor Morgan F. Smith." In *Education About Asia*, 26:3, pp 71-72.
- 2021- "Clint's Scallop Hole: A Prehistoric Quarry in Apalachee Bay." *Adventures in Florida Archaeology*, 2021.
- 2020- "A Mammoth Question: When and How Was Florida First Settled?" *Adventures in Florida Archaeology*, 2020.
- 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.

Technical Reports

- 2024- "A Final Report on Archaeological Research at Bachmore Shelter." 1/2024. Morgan F. Smith, with student contributions.
- 2023- "Results of Underwater Survey in the Vicinity of 40KN29, Melton Hill Reservoir, Tennessee." Morgan F. Smith. Submitted to the Tennessee Valley Authority, 11/2023.
- 2023- "A Final Report on Phase 1 Archaeological Investigations at Chickamauga and Chattanooga National Military Park, Ft. Oglethorpe, GA." Submitted to the Southeast Archeological Center of the National Park Service, 3/2023. Morgan F. Smith, with student contributions.
- 2023- "A Final Report on Archaeological Testing at Woodcock Cove." 1/2023. Morgan F. Smith, with student contributions.
- 2022- "SPLASH: A Deeper Dive into the Continental Shelf DHR Grant 22.h.sm.200.057." Submitted to the Florida Division of Historical Resources, 7/2022. Shawn Joy and Morgan F. Smith.



- 2022- “A Phase 1 Cultural Resource Survey of Woodcock Cove Climbing Area, Sequatchie County, Tennessee.” Prepared for the Southeastern Climbers Coalition, submitted in 1/2022.
- 2020- “FSPLASH: A Review of 2019 and 2020 Activities.” Morgan F. Smith and Shawn Joy. Submitted to the Florida Division of Historical Resources and Florida Bureau of Archaeology Research, 8/2020.
- 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 3/2015.
- 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 5/2015.

Conference Papers

- 2024- XXIII Encuentro Binacional Balances Y Perspectivas (INAH). México. “Bajo el nivel del mar: el paisaje sumergido de Isla Espiritu Santo, Baja California Sur. Co-Author.
- 2023- Society of Historical Archaeology, Lisbon, Portugal.
A: “Maritime Legacy: Blood and Water, Before and After Columbus Made Camp in St. Ann's Bay, Jamaica.” Co-Author.
B: “The Human-Altered Lithic Detection System (HALD) in Real-World Situations, Acoustically Mapping of Submerged Pre-contact Sites in the Gulf of Mexico.” Co-Author
C: “Re-Visualizing Submerged Landscapes.” Symposium Co-Chair.
- 2022- Society of American Archaeology, Chicago, IL. “Quarried Landscapes in Apalachee Bay: A View from Clint’s Scallop Hole.”
- 2021- Southeastern Archaeological Conference, Durham, NC- “Submerged Landscape Use in the Early Holocene Southeast: A Perspective from Florida.”
- 2020- University of Tennessee Chattanooga Research Dialogues, Chattanooga, TN- “The Ice Age Colonization of the Americas: Recent Findings and Future Directions.” **Conference cancelled due to COVID-19.**
- 2020- Society for American Archaeology Conference, Austin, TX- “Clint’s Scallop Hole (8JE1796): A Newly Discovered Prehistoric Quarried Landscape in Apalachee Bay, Florida. **Conference cancelled due to COVID-19.**
- 2020- Society for Historical and Underwater Archaeology Conference, Boston, MA- “Fish or Flint? A cursory Examination of a Method for Identifying Buried Lithic Artifacts Underwater.” Symposium Co-Chair.
- 2019- Society for American Archaeology Conference, Albuquerque, NM- “Targeting Coastal Plains Chert in the Wacissa Quarry Cluster, Northwest Florida, USA: A LIDAR-Based Geomorphic Model for Locating Terrestrial Chert Quarries.” Co-Author.



- 2018-Society for Historical and Underwater Archaeology Conference, New Orleans, LA- “A Mammoth Question: Can We Count the First Floridians Among the First Americans?” Symposium Co-Chair.
- 2018- Society for American Archaeology Conference, Washington, DC- “Stuck in the Middle: A Technological Organization Study on an Underwater Paleoindian Assemblage.” Symposium Co-Chair.
- 2017- Southeast Archaeological Conference, Tulsa, OK- “Liquid Landscapes: A New Wave of Submerged Prehistoric Archaeology in North America.”
- 2016- Southeast Archaeological Conference, Athens GA- “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.”

Conference Posters, Panels, and Forums

- 2024- Society of American Archaeology, New Orleans, LA. “Pollen and Pre-Clovis.” Co-Author.
- 2023- Society of American Archaeology, Portland, OR. “Liquid Landscapes: Recent Developments in Submerged Landscape Archaeology.” Symposium Organizer and Presenter.
- 2022- Southeastern Archaeological Conference, Little Rock, AK. “Contributions of Submerged Sites to Our Understanding of the Late Pleistocene and Early Holocene Record of the Southeast.”
- 2022- Society for Historical Archaeology Conference, Boston, MA. “20,000 Years Under the Gulf: Exploring Recent Research in the Gulf of Mexico from Submerged Paleolandscapes to Historic Shipwrecks.” Discussant.
- 2020- Society for Historical Archaeology Conference, Boston, MA- “Turning the Tide: Women and People of Color in Underwater Archaeology.” Panel Co-Organizer.



- 2020- Society for Historical Archaeology Conference, Boston, MA- Lecture to ACUA Underwater Cultural Heritage Awareness Workshop on Submerged Precontact Resources.
- 2019- Society for American Archaeology Conference, Albuquerque, N.M. “Can We Remotely Identify Underwater Lithic Assemblages? Testing a New Method for Submerged Prehistoric Site Detection.”
- 2019- Society for Historical Archaeology Conference, St. Charles, MO. “The Advice You Were Looking For: The ACUA Mentorship Program Panel Discussion.” Panel Co-Organizer
- 2019- Society for Historical Archaeology Conference, St. Charles, MO. “Underwater Archaeology Through the Ages: Preliminary Results from a “Big Data” Adventure.”
- 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).”

Grants, Contracts, and Awards Received

(PI, Unless Noted Otherwise)

External Funding Total: \$2,620,415

Internal Funding Total: \$208,045

2025- NPS CESU Agreement with CHCH for Survey of Snodgrass Hill	\$80,000
2024- BOEM Grant for Gulf of Mexico Submerged Landscapes Research	\$1,498,511
2024- TerraCon “The Bend” Survey	\$23,000
2024- NPS CESU Agreement with CHCH for Survey of Unmarked Cemeteries	\$80,000
2023- UTC UC Foundation Professorship (5-year recurring stipend, \$2,500/year)	\$12,500
2023- TVA Melton Hill Reservoir Survey	\$8,640
2023- UTC CAS Research Award	\$3,500
2023- Florida Department of State Historic Preservation Grant	\$31,578
2022- Tennessee Higher Education Commission CEACSE	\$100,000
2021- NPS Historic Preservation Grant: Hurricane Michael	\$450,976
2021- Felburn Foundation Research Grant	\$35,000
2021- Florida Division of Historical Resources Small Matching Grant (Co-PI)	\$49,980



2020- National Science Foundation High Risk Research in Archaeology Award	\$34,990
2019-2023 Internal UTC Mini-Grants for Experiential Teaching	\$2,200
2020- University of Tennessee Chattanooga Faculty Development Award	\$2,350
2020- Florida Department of State Historic Preservation Grant (Co-PI)	\$49,980
2019- National Center for the Preservation of Technology and Training Grant	\$30,000
2019- Florida Division of Historical Resources Small Matching Grant (Co-PI)	\$27,200
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	\$1,200
2017-2018- TAMU Graduate Assistant Lectureship	\$36,000
2017- PaleoWest Foundation Scholarship	\$2,000
2013-2018- Internal Grants from TAMU Anthropology for Development/Travel	\$14,500
2017- TAMU Dissertation Enhancement Award	\$1,000
2016- Felburn Foundation Research Grant	\$20,000
2016- Phi Kappa Phi Love of Learning 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- Presidential Merit Fellowship, Texas A&M University	\$112,000
2012- UWF Travel Grant	\$1,250
2011- UWF SGA Travel Grant	\$1,500

Honors

2024- Finalist for UT System Level Presidents Award, "Optimistic and Visionary" Category
 2024- UTC ThinkAchieve Beyond the Classroom Faculty Appreciation Award
 2023- UTC College of Arts and Sciences Research and Creative Achievement of the Year- \$750
 2022- UTC ThinkAchieve Beyond the Classroom Faculty Appreciation Award
 2022- Stetson University Invited Keynote Lecture- \$1,000
 2022- Exceeds Expectations Rating for UTC Annual Review
 2021- Exceeds Expectations Rating for UTC Annual Review
 2021- UTC Ruth S. Holmsberg Award for Faculty Excellence- \$2,400
 2021- UTC College of Arts and Sciences Early Career Grants Person of the Year- \$550
 2019- TAMU Fasken Outstanding Graduate Student Teaching Award- \$300
 2016- TAMU Anthropology Outstanding Graduate Instructor Award- \$500
 2013- UWF Anthropology Outstanding Undergraduate Student
 2006- Eagle Scout



Professional Experience

University of Tennessee - Chattanooga
Chattanooga, TN

UC Foundation Associate Professor 2023-Present

August 2022-Present Panhandle Submerged Archaeological Resources Assessment

Role: PI August 2022-May 2023; Project Director, May 2023-Present

Duties: Direct multi-year project at archaeological sites on the continental shelf of Florida.

January 2021-Present

Tennessee River Submerged Sites Assessment

Role: Principal Investigator

Duties: Document unrecorded submerged sites in the Tennessee River, Hamilton County.

June 2023-Present

F-SPLASH

Role: Principal Investigator

Duties: Supervise creation of NPR affiliated documentary on submerged prehistory.

COLUMBUS JAMAICA

August-December 2023

UTC Field School

Role: Principal Investigator

Duties: Direct archaeological field school at submerged and terrestrial sites in Chattanooga.

University of Tennessee - Chattanooga
Chattanooga, TN

Assistant Professor 2019-2023

June-July 2023

Lake Huron, MI

Role: Consultant

Duties: Exploratory sub-bottom survey of Lake Huron for sites and geological deposits.

June 2023

San Diego, CA

Role: Consultant

Duties: Supervise experimental acoustic resonance testing at TRANSDEC facility.

May 2023

Southampton, UK

Role: Consultant

Duties: Supervise SONAR resonance surveys at Bouldnor Cliff and similar areas in Solent.

December 2022

Lake George III

Role: Consultant

Duties: Supervise sediment coring operations on Late Pleistocene sites in Lake George, FL.

August-December 2022

UTC Field School

Role: Principal Investigator

Duties: Direct archaeological field school recording rockshelters in Chattanooga area.

January 2021-August 2023

NSF Apalachee Bay

Role: Principal Investigator

Duties: Supervise sub-bottom SONAR data collection in search of archaeological sites on the continental shelf, Florida.

December 2020-May 2021

Bachmore Shelter Testing

Role: Principal Investigator

Duties: Record previously unrecorded precontact rock shelter site on Signal Mountain, TN.

September 2020-April 2021

Chickamauga and Chattanooga National Military Park

Role: Principal Investigator

Duties: Direct a field school in a Phase 1: shovel testing, metal detecting, and GPR survey.



December 2019 Lake George UW Geophysical Survey
Role: Geophysical specialist
Duties: Conduct geophysical (GPR) survey and coring campaign at Lake George, Florida.

Archaeological and Geoscientific Logistics, LLC *Executive Director 2022-Present*
Tallahassee, Florida

February-April 2024 The Bend Project
Role: Principal Investigator
Duties: SONAR survey and coring of land in downtown Chattanooga ahead of development.

May 2023 Melton Hill Reservoir
Role: Principal Investigator
Duties: SONAR survey and coring of 40KN29 ahead of private dock construction.

Texas A&M University *Graduate Student 2013-2019*
College Station, Texas

May-June 2019 F-SPLASH
Role: Principal Investigator
Duties: Geoarchaeological excavation of the Lewis-McQuinn site. Survey of Clint's Scallop Hole site. Geological sampling and site survey in Silver River, Florida.

May-June 2018 Page-Ladson Excavation
Role: Assistant Field Supervisor
Duties: Excavate site, collect geologic samples, mentor new students on site, maintain gear.

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 a full geoarchaeological Phase 3 excavation of a proposed underwater mammoth kill site in Central Florida. Collect geophysical and geological 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 12m², collect geologic samples. Excavated in 5cm levels, piece-plot all material. All material 1/16th inch screened. Lithic and faunal analysis underway. Conduct spatial analysis of artifact

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 2011-2019

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 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 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 to (as of CV date) ~150 boy scouts.



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 18th-century French Fort Rosalie. Shovel testing to determine site extent.

April 2009 Cumberland Island National Seashore
 Role: Student
 Duties: Phase 3 excavation of 18th-century British fort, Fort St. Andrews.

*University of West Florida
 Pensacola, Florida*

Student/Employee 2010-2013

January-May, 2012 University of West Florida
 Role: Lab Technician
 Duties: Cleaning, sorting, processing, cataloging, and identification of artifacts.

Teaching, Mentorship, and Curriculum Efforts

<i>Course*</i>	<i>Semesters Taught</i>	<i>Class Size</i>
Cultural Anthropology (ANTH 1200, UTC)	1	80
Peoples and Cultures of the World (ANTH 205, TAMU)	4	30-125
Archaeology (ANTH 1400, UTC)	6	40-70
Professionalism in Anthropology (ANTH 2500, UTC) ♦	2	15
Underwater Archaeology (ANTH 2800, UTC) ♦	2	20
Tennessee Archaeology (ANTH 2900/3370, UTC)	3	10-30
Scientific Writing (ANTH 301, TAMU)	1	30



Anthropological Theory (ANTH 3210, UTC)	4	10-30
Archaeological Field Methods (ANTH 3350, UTC) ♦§	4	10-15
Archaeological Laboratory Methods (ANTH 3450/4999, UTC) ♦§	4	10-25
Submerged Prehistory (ANTH 489, TAMU) ♦	1	10
Anthropology Internship (ANTH 4940, UTC)	6	1-3
Directed Studies (ANTH 4998, UTC)	4	1-2
Undergraduate Thesis (ANTH 4995, UTC)	1	1

* *Course reviews available on request*

♦ *Indicates a course I designed and implemented*

§ *Indicates the course is a designated experiential learning course at UTC*

Mentorship Roles

2019-Present- UTC Lambda Alpha Honor Society Faculty Advisor

2018-2019- TAMU Graduate-Undergraduate Mentorship Program Coordinator 2013-2019

TAMU Graduate-Undergraduate Mentorship Program Mentor

Graduate Student Committee Service

Gage Plott	PhD Member	University of Tennessee, Chattanooga	2022- Present
Yasmin Jobim	MS Member	University of Miami	2022- Present
Mayra Robles	PhD Co-Chair	CICIMAR, Mexico	2020- Present
Therese Westman	MS Member	Florida State University	2021-2023

Select Undergraduate Students Mentored

- Lennox Miller^{†§}
- Tyler Mullins⁺
- Corey Walker⁺
- Lowen Pullias[°]
- Teffany Palmer[°]
- Mikira Claybrook^{°+}
- Noah Croy^{°+}
- Savanna Caylor^{†§}
- Hannah Bowman⁺
- Jacob Smith^{°+}
- Sam Fuller^{°+}
- Taylor Wells^{†§}
- Kinsley Kilgore^{°+}
- George Nguyen[°]
- Wyatt Taylor⁺
- Mark Chavez⁺
- Martin Kallus^{°+}
- Jordan Pierce^{°+}
- Foley Peters^{°+}
- Austin Averill^{°+}
- Kiley Olds[°]
- Ellie Bixler^{°+}
- Giannia Rasnick^{†§}
- Rebecca Tague
- Osbaldo Alvarez
- Lawrence Tsou
- Kyle Grover
- Elanor Kolb
- Jordan Purcell
- Hannah Davidson

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

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

§ *Indicates an Honors College Student*



<i>Curriculum Work Proposal Type</i>	<i>Item Proposed</i>
New Courses	ANTH 1500: Anthropology Today – The Arc of Humanity ANTH 2500: Professionalism in Anthropology ANTH 2600: Food and Culture ANTH 2700: Culture, Environment, Power ANTH 2800: Underwater Archaeology ANTH 2999r: Group Studies ANTH 3450: Archaeological Laboratory Methods ANTH 3550: Archives, Collection Management, and Curation ANTH 3700: Emotions in the Social and Cultural Contexts
Course Modification	ANTH 2900: Tennessee Archaeology ANTH 3350r: Archaeological Field Methods ANTH 3700: Emotions in the Social and Cultural Contexts ANTH 2700: Culture, Environment, Power
Major Curriculum Modification	Anthropology B.A. Major Change Anthropology B.S. Major Change
General Education Proposal	ANTH 1500: Anthropology Today – The Arc of Humanity
General Education Recertification	ANTH 1100: Biological Anthropology
Course Deactivation	ANTH 1000: Mysteries of the Human Journey ANTH 1300: Language, Culture, and Society ANTH 3130R: Media and Communication Laboratory ANTH 3700: Primate Language and Cognition

Program Growth Efforts

- 2022- Present. Helped in securing and disbursing recurring funding graciously provided by UTC Anthropology alumni and the Chattanooga community. These efforts have assisted in securing donations to the Anthropology Program totaling \$50,000 since 2022, with an annual \$30,000 promised through 2025 from a single donor for a total of \$140,000.
- 2024- With generous support from CAS Dean Pam Riggs-Gelasco, secured ~\$15,000 worth of next-generation SONAR equipment to build research capacity at UTC.
- 2023- With generous support from CAS Dean Pam Riggs-Gelasco, secured ~\$45,000 worth of next-generation SONAR equipment to build research capacity at UTC.
- 2019-2022. Worked with colleagues to boost ANTH program enrollment from 42 upon my arrival at UTC to 91 as of Spring 2024, a 106% increase.
- 2019-2022. Worked with colleagues to aggressively lobby for faculty line increases in Anthropology. Since 2019, Anthropology has added two tenure track faculty members, two lecturers, and two adjunct faculty.
- 2019-2022. Worked with colleagues to acquire a new 814 square foot lab-space and 2021 Ford Expedition MAX (~\$45,000) to enhance archaeology program research.



2019-2022. In coordination with Dr. Brooke Persons, disburse endowed scholarships from the Jeffrey L. Brown Memorial Scholarship Fund. Total since 2019, \$13,800.

Service

Discipline, University, and Department Service

2023-Present. SCJS Curriculum Committee.

2023-Present. CAS Executive Committee.

2023-Present. SCJS RTP Committee.

2022-Present. Honors College Advisory Committee.

2022-Present. UTC Undergraduate Admissions Committee.

2021-Present. Service on the Recruitment and Retention Committee for the University of Tennessee, Chattanooga and Department of Social, Cultural, and Justice Studies.

2019-Present. Participation in semesterly recruitment events to drive undergraduate Anthropology enrollment and retention.

2019-2023. Organized the 2023 Southeastern Archaeological Conference in Chattanooga, Tennessee. Funding secured through group efforts: \$31,500 (exclusive of seed money).

2022. Service on UTC Archaeology Tenure-Track Search Committee.

2021-2022. Chair of UTC Biological Anthropology Lecturer Search Committee.

2020-2021. Service on the UTC Undergraduate Admissions Committee.

2020-2022. Service on the Research Dialogues Committee, University of Tennessee, Chattanooga.

2020-2022. Service on the Curriculum Committee for the University of Tennessee, Chattanooga and Department of Social, Cultural, and Justice Studies.

2020-2022. Service on the SCJS Anti-Racism Committee.

2020- Spearheaded a major curriculum revision for both BA and BS Anthropology Majors at UTC.

2018-2020. Elected Graduate Student Representative to the Advisory Council on Underwater Archaeology.

2016-2017. Elected Anthropology Department Graduate Student Representative to the Texas A&M Graduate and Professional Student Council.

Public Outreach

2023- Public Archaeology Day, UTC Jeffrey L. Brown Institute of Archaeology.

2022- UWF Continuing Education Event on Submerged Landscape studies.

2022- Public Archaeology Day, UTC Jeffrey L. Brown Institute of Archaeology.

2021- Public Archaeology Day, UTC Jeffrey L. Brown Institute of Archaeology.

2020- Public Archaeology Day, Chickamauga and Chattanooga National Military Park, GA.

2019- Archaeology For Kids! Guest Instruction at Mumford ISD Elementary School, TX.

2009-2018. 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. WGCU, NPR Station.
- 2017- Underwater Archeology in Florida: Silver River Mammoths. WFSU, Ecology Blog. 2017- Public talk on the importance of archaeology, Silver Springs, FL.
- 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.

Guest Lectureship

- 2022- Invited lecture at Centro Interdisciplinario de Ciencias Marinas, La Paz, Mexico on underwater landscapes in Florida.
- 2022-Invited lecture at the University of West Florida on underwater geophysics and Late Pleistocene/Early Holocene landscapes in Florida as part of a formal workshop.
- 2022-Invited lecture at Stetson University on underwater geophysics and Late Pleistocene/Early Holocene landscapes in Florida.
- 2020- Invited lecture/participation in panel at the University of West Florida on underwater archaeology. **Event cancelled due to COVID-19.**
- 2020-Invited lecture at Dartmouth College on underwater geophysics. **Event cancelled due to COVID-19.**

Ad-Hoc Article Reviewer

Southeastern Geographer
Geoarchaeology
PaleoAmerica

Southeastern Archaeology
Journal of Marine Science and Engineering

Professional Organizations

Center for the Study of the First Americans
Phi Kappa Phi Honor Society
Society for American Archaeology
Tennessee Council for Professional Archaeology

American Academy of Underwater Sciences
Southeastern Archaeological Conference
Society for Historical Archaeology

Select Media Appearances

- 2022- <https://www.youtube.com/watch?v=eOH0B4MOyvM&t=6s>
- 2021- <https://www.youtube.com/watch?v=yRRjJmKh1bk&t=5s>



2017- <https://blog.wfsu.org/blog-coastal-health/2017/11/seeing-ice-age-wacissa-artifacts-fossils/>
2017- <https://blog.wfsu.org/blog-coastal-health/2017/10/underwater-archeology-florida-part-1-silver-river-mammoths/>
2015- <https://blog.wfsu.org/blog-coastal-health/2015/10/underwater-archeology-excavating-the-wacissa-river/>

References

- 1) Dr. Zibin Guo- Professor and Department Head, Department of Social, Cultural, and Justice Studies. University of Tennessee, Chattanooga. (423) 425-4442 or Zibin-guo@utc.edu.
- 2) Dr. Michael Waters- Director, Center for the Study of the First Americans; Professor, Texas A&M University. (979) 845-5246 or mwaters@tamu.edu
- 3) Dr. Melissa Jarrell- Professor and Department Head, Criminal Justice. University of Nevada, Reno. (775) 784-4545 or mjarrell@unr.edu
- 4) Dr. Jessi Halligan- Associate Professor, Texas A&M University. (850) 645-7844 or jessihalligan@tamu.edu

