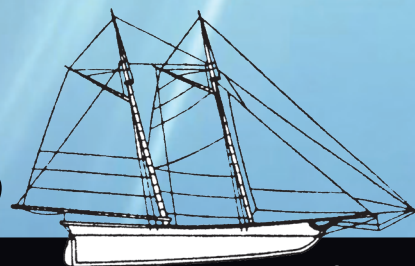




# Stem to Stern

*A Newsletter for our Maritime Studies Alumni and Friends*



NOVEMBER  
2024  
VOLUME 41

PROGRAM IN MARITIME STUDIES | THOMAS HARRIOT COLLEGE OF ARTS AND SCIENCES | EAST CAROLINA UNIVERSITY® | GREENVILLE, NC

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#### *Stem to Stern*

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FRONT COVER: ECU Fall Field School Students Mapping North Bend. (Photo by Jeremy Borrelli)

BACK COVER: ECU Summer Field School at Brunswick Town, NC. (Photo Credit Jeremy Borrelli)

## Thank you for your support!

The Program in Maritime Studies is extremely thankful for contributions made by our readers and friends. These contributions fund a scholarship that helps to alleviate the cost of education and research for students in the program.

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## *From the Editorial Staff*

This issue marks *Stem to Stern's* 41st volume, which features field work from the shores of NC to sites outside of Portugal. The work this program's students produced in the past year reflects the continually growing quality of the Maritime Studies Program, particularly in the variety of research and opportunities that our students pursue. The research and field experience that has been occurring not only within the United States but around the globe is truly inspiring. Putting together this year's *Stem to Stern* was incredibly rewarding, and I hope that you enjoy reading it as much as I enjoyed putting it together. 🍷

*-Ian Shoemaker, Editor*

As the 2024-25 academic year kicks off, I expect that this group of first-year students will do remarkable things in the years to come and become involved in many great projects. It has been an honor and fantastic opportunity to be a part of the 41st volume of *Stem to Stern*, being able to review and learn from fellow student's work has been a wonderful experience. It has only been a few months and new lifelong friendships have already formed between the first-year students and with the senior students in the program. I cannot wait to see what everyone's path leads them too. 🍷

*-Ethan Whiten, Assistant Editor*

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*-Thank you*



# From the Quarterdeck:

Welcome to another volume of a packed-to-the gills *Stem to Stern*, our 41st volume. Within this year's pages, regular readers will see the repeating patterns of the past our field school synopses, breakdowns of recent student thesis research, and conference travels. New readers will get to see for the first time the incredible successes and splendid work of our graduate students as they develop their careers with the help of our faculty and staff (as a reminder, our website contains all past issues of this publication in PDF format: <https://maritimestudies.ecu.edu/stem-to-stern/>).

This year, our field schools were closer to home, but more multi-faceted than in the past, as evidenced by the multiple articles regarding summer and fall activities. As summer field research instruction (led by Dr. Jason Raupp, Dr. Jennifer McKinnon, and Jeremy Borrelli) focused on multiple sites in both Edenton (Edenton Bay) and Brunswick Town (Lower Cape Fear River), North Carolina, it has produced three separate articles. The first outlines the re-examination of a suspected 18th century shipwreck first inspected in 1980 which would become the subject of a program field school in 1993. Next, is a synopsis of examinations of the maritime industrial and agricultural heritage fringing Edenton harbor, with a focus on the remnants of the lumber industry. In the last article, students provide a synopsis of work associated with the 18th century Hayes Plantation, touching upon its connections to the Revolutionary War, and its role in colonial agricultural trade.

Summer was followed in the fall by another sort of site re-visitation, this time in the form of a return to Malloys Bay in Charles County, Maryland (see *Stem to Stern*, 2022) to continue discovering, recording, and interpreting the scores of maritime archaeological sites packed into this small bay on the Potomac River (led by myself, Dr. Lynn Harris, and Jeremy Borrelli). Within this volume you will see two articles. The first one focuses on the site-specific investigations attached to an analysis of the World War 1-era ships *Aowa* (1919-1924) and *North Bend* (1917-1922) and the investigation of nine other unidentified hulks. A synopsis of a brief remote sensing operation

(marine gradiometer and side scan sonar) follows, recounting a search along the outer fringe of the main assemblage of wrecks, and within the 1940s-era feature known as the "Burning Basin" (an artificial impoundment created at the mouth of nearby Marlow's Creek). We greatly appreciate the support we received for working on the Potomac River, including the support of the Maryland Historical Trust (Dr. Susan Langley and Stephanie Soder [MA '19]), NOAA's Malloys Bay Potomac River National Marine Sanctuary (Sammy Orlando, Tane Casserley [MA '03], and Jessica Frayser), and Charles County's Department of Parks and Recreation (Carl Sharp and Elena Gilroy).

In this issue you will also see other good news – in particular, you will read about projects completed from Wisconsin (twelve shipwreck sites near Manitowoc and Two Rivers) and North Carolina (*Waccamaw* site, Cape Fear River) to Mexico (Mexico City and Tonalá) and Portugal (a DPAA mission in Faro). In 2024 there was also broad representation at major conferences, including the annual meetings of the North American Society for Oceanic History/Canadian Nautical Research Society (NASOH/CNRS; St. Catharines, Ontario), the Society for Historical Archaeology (SHA; Oakland, CA), the Southeast World History Association (SEWHA; Cape Girardeau, MO), and the North Carolina Maritime History Council (NCMHC; Manteo, NC), in addition to a very successful year of scholarship awards and thesis defenses (we think eleven successful defenses in one year may be some sort of program record).

More personnel changes have occurred over the past year. We are ecstatic about announcing the return of Chelsea Freeland [MA '14] to serve as a research fellow and look forward to highlighting her work in the future. We were happy to see Karen Underwood retire after 41 years of service at the university, and thirty to the Program in Maritime Studies (but sad to see her go). Karen has worked for every director of our program and has seen so much change; we will all miss seeing her in Eller House every day. Karen's knowledge and expertise kept projects and field schools running, contracts signed,

and everything running smoothly – but she was also one of the regular smiling faces students and personnel would regularly see during our work week. To say we are incredibly grateful for her decades of service is an understatement. Program personnel are also grateful to have had her position returned to the Department of History, and I am pleased to write that as *Stem to Stern* goes to press, a search committee is in the process of hiring her replacement (hopefully to be in place by the early spring semester).

But there were unwelcome developments, too. In what I can only describe as shock, the news of the sudden passing of Professor Bradley A. Rodgers (22 January 1955-24 October 2024) left us stunned and shaken. So many of the people who loved him are still trying to process this unexpected event which represents a huge loss for so many of his former colleagues, his protégés spread across the country, and his large circle of friends. It is not my intention here to repeat what you will read in the obituary included in this volume (there you will read about his professional achievements), but to be completely honest, this was also an incredible personal tragedy for me. Brad was one of my most important mentors, one of my teachers, as well as one of my closest lifelong friends. Back in the summer of 2003, I was straight off the plane from Australia, and soon taken in by him. For almost eight years while I was in a jointly appointed position at the UNC Coastal Studies Institute, I commuted back and forth to Roanoke Island, and Brad provided me with a place in his house to stay. He provided me with an incredible academic and personal apprenticeship, we weathered all sorts of storms together (literal and metaphorical), and I was lucky to have shared field adventures with him for more than two decades. For me, his passing was a reminder that for so many of us the relationships that form in a program like ours are special. If you are one of the lucky people to have had a good mentor or just form one of those rare strong friendships (wherever you found them), and you haven't been in recent touch with them, now is as good a time as ever to start the process of reconnect. Do not take

*continued on page 4*

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## Portside - The Colonel Geoffrey M. Anthony Scholarship

The Colonel Geoffrey M. Anthony Scholarship was recently endowed by Maritime Studies student Geoffrey 'Geoff' Anthony. Anthony is a retired Marine Corps officer, a current Maritime Studies student, and a graduate of Texas A&M University. Born in the Philippines and raised across the United States, Anthony's background is marked by a solid foundation in service, academics, and a passion for military history and maritime archaeology.

Anthony's story began in the Philippines, where his father was an Air Force officer. He spent much of his childhood across the United States. After graduating from Texas A&M in 1991 with a bachelor's degree in political science, Anthony joined the Marine Corps. This marked the beginning of a 28-year career that included rigorous leadership roles and global deployments. He was commander of an air support squadron, completed four combat tours in the Middle East, and retired in 2020 as Colonel. His dedication to understanding complex global security challenges also led him to pursue multiple advanced degrees in international relations and national security. As a Center for Strategic and International Studies Fellow, Anthony stands as a testament to continuous learning and leadership.

Beyond his military accomplishments, Anthony's post-retirement journey reflects his enduring interest in maritime archaeology and military history. Certified as a diver since 1984, he now combines his love for the ocean with his expertise in military history, particularly that of the Marine Corps and naval operations. The Colonel Geoffrey M. Anthony Scholarship aims to support the next generation of scholars who share this passion, offering them resources to explore the depths of Marine Corps and Naval History, both figuratively and literally.

The scholarship's primary mission is to empower graduate students in the Master of Arts in Maritime Studies program who are dedicated to researching Marine Corps and naval history. First preference is given to students conducting

research or fieldwork related specifically to the United States Marine Corps. This focus not only honors Anthony's career but also recognizes the often-overlooked complexities and significance of Marine Corps operations within broader naval and military contexts. Whether analyzing strategic decisions, documenting historical conflicts, or uncovering the remains of military vessels, these scholars contribute to a richer understanding of Marine Corps history and its role in national defense.

The second preference for scholarship recipients extends to those studying United States naval military history, particularly from 1775 onwards. By supporting research on key developments and engagements in naval history, the scholarship fosters a deeper appreciation for the evolution of U.S. naval forces, technological advancements, and strategic shifts. The scholarship encourages fieldwork and research that sheds light on both historic and modern naval operations, allowing students to engage directly with maritime archaeology and artifacts that speak to the resilience and innovation of the U.S. Navy.

The Maritime Studies program expresses its gratitude for Geoff's generous contribution and looks forward to the future impact of this scholarship and his continued journey in maritime archaeology. 🌊

— Ian Shoemaker



Geoff Anthony in Greece (Photo by Geoff Anthony)

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## From the Quarterdeck, *continued from page 3*

these bonds for granted. Over the next year or so, we hope to work on initiatives connected to Dr. Rodgers' legacy – and I hope to share news about them as we can release them.

The final piece of news for 2024's "From the Quarterdeck," is that this *Stem to Stern* will be my last as the program director. Juggling administrative obligations when you are still trying to remain active in research can be a challenge, and at a certain point in time you come to the realization that managerial knowledge is being pushed "in one ear," while disciplinary knowledge is being pushed "out the other" (perhaps just in my case). By the end of the summer of 2025, I would have served as program director for almost seven years. Added to my eight years in program head roles when I was leading the UNC Coastal Studies Institute's Maritime Heritage Program, fifteen years feel like a respectable number to round out this period of administrative undertakings. Bucking the trend of directorial changes caused by retirement, I will be transitioning back into a role as "regular faculty" for the fall 2025 semester and will look forward to teaching a full load again, reinvigorating my research agenda, and allowing renewed program leadership to invest fresh energy in what will invariably be several new and exciting initiatives. I have learned so much over this time, and it has been an honor work with great people from Manteo to Greenville. At any rate, you will see our altered lineup on our website by the fall of 2025, and you will hear from the new director this time next year. I am sure Volume 42 will be just as full as ever. 🌊

— Nathan Richards, PhD  
Program Director



## ECU Maritimers Receive Awards

*Stem to Stern* is pleased to announce news of the following awards and internships:

### Amber Berry

- Henry Ferrell Scholarship

### Addison Costa

- Roy Lokken Scholarship

### Jim Fowler

- Paul Murray Graduate Scholarship

### Armani Gibbs

- Roy Lokken Scholarship
- William Hamlin and Mary Quaife Tuttle Graduate Scholarship in History

### Evan Olinger

- Barbara and Matthew Landers Graduate Fellowship in History
- Society of Historical Archaeology Field School Scholarship

### Alex Owens

- Evelyn and Joseph Boyette Graduate Fellowship in History

### Dorian Record:

- Lawrence Brewster Scholarship
- William Hamlin and Mary Quaife Tuttle Graduate Scholarship in History

### Ian Shoemaker

- Barbara and Matthew Landers Graduate Fellowship in History
- Society of Historical Archaeology Field School Scholarship

### Don Swanbeck:

- Bodo Nischan Memorial Graduate Scholarship in History
- William Hamlin and Mary Quaife Tuttle Graduate Scholarship in History

### Cory Van Hees:

- Admiral Ernest M. Eller Graduate Fellowship in Modern Naval History

## Setting Sail - Honoring Karen Underwood's 41 Years of Service

As her time ends at East Carolina University, Karen Underwood reflects on nearly 41 years of dedication, growth, and connections she has made in the Program in Maritime Studies. Karen joined the program in 1994, just months before the retirement of one of the program's founders, Dr. William Still. Her time here has left a mark on the lives of countless students who have walked through the doors of Eller House. When Karen began her tenure at ECU, she entered a program that was still finding its footing. She commented, "I've worked with five directors of the Program in Maritime Studies, each bringing their unique projects and ideas." Karen remembers some of the first field schools ECU did saying, "The field schools have expanded to locations all over the country and the world. Initially, they were exclusively in Bermuda. Now, we have field schools in so many different places." Karen has played a pivotal role in the program's expansion, particularly in terms of research opportunities. She recalls a time when overseeing hundreds of thousands of dollars in grant research funds seemed unimaginable, noting, "The increase in grant research projects being conducted by the program's faculty and students has been amazing." This growth in funding has led to a broader scope of research and more significant projects, further enhancing the program.

Equally impressive is the physical evolution of the program's facilities. "When I first started, Maritime consisted of the Eller House and an old trailer out by the Belk building that served as a conservation lab," she says. Today, the program has additional spaces at the West Research Campus, Ragsdale Hall, and Bloxton House. This growth in facilities mirrors the expansion of the program itself, highlighting a commitment to providing students with the best resources available. But for Karen, the most rewarding aspect of her job has been her interactions with students. "Working with the students has been the best part of my job," she notes. "Seeing them

come in, graduate, and then go on to PhD programs or find their dream jobs has been so rewarding." Many alumni have stayed connected over the years, making the close-knit community of the Maritime Studies program feel like a second family. Karen's influence on the program is not just administrative; she has forged lasting relationships with students, often serving as a trusted mentor. "I will miss the day-to-day conversations with the students the most. So many stop by my desk to tell me about their day and what is going on in their lives. I will certainly miss hearing all their stories," she admits.

As with anyone who has worked in a place for 41 years, Karen has her share of memorable moments. One standout story comes from her first field school experience when Dr. Gordon Watts returned with crumpled receipts from Bermuda, prompting her to question her new role. Another memorable moment was the time Dr. Runyan, Dr. Rodgers, and Frank Cantelas sailed the RV *Perkins*



Karen Underwood standing in front of Eller House next to the Program in Maritime Studies plaque. (Photo by Ethan Whiten)

*continued on page 8*

# *From the Field -* Understanding *Waccamaw*: Field Work at Eagles Island's Double Ended Steamer

For a long time, many have considered the remains of the double-ended ferry on the bank of Eagles Island, just north of Cape Fear memorial bridge, an eye-sore. However, for a smaller group, this vessel, and ship graveyard that grew around it, has been the subject of interest which has produced several archaeologically informative articles and studies. The current graduate research aims to add to this body of knowledge. The completed thesis will analyze *Waccamaw's* original construction as a ferryboat, its modification into a Union gunboat for the Civil War, and its final multifaceted career as a passenger ferry, lighter, tow boat, and freighter until 1884. To better understand the vessel's material past and decisions that produced it, field work was conducted on 27 October 2023 and 30 June 2024. The primary goal was to collect photogrammetric data and secondly, collect scaled photographs and measurements of key features such as the boiler, engine bed, and paddle wheel shaft/arms. The following recounts these two days.

In the late morning of Friday, 27 October 2023, Dr. Nathan Richards, the author and fellow students Konstantinos Raptis and Christopher Triplett left from Greenville, North Carolina to the swampy banks of the Cape Fear River. The primary mission was to collect sufficient photographic data to produce a scaled photogrammetric model. The scaling was to be achieved by way of black circular targets superimposed on a white background called



From left to right: Dr. Nathan Richards, Thomas Fosdick, Christopher Triplett, Konstantinos Raptis October 27th, 2023, preparing to walk to the site. (Photo by Nathan Richards)

coded targets. These targets are each shaped slightly differently allowing the software which produces the photogrammetric model, Agisoft Metashape® to differentiate one from another. After targets are placed around the circumference of a site, the distances between them are to be measured. These measurements are then input into Metashape® thereby producing a scaled, photorealistic, 3D model of *Waccamaw's* remains.

Collecting this data, and placing the targets, proved difficult that day due to the intertidal nature of the site. Indeed, only 30 minutes after the photogrammetric data collection began did the tide increase



Thomas Fosdick (left) and Ian Shoemaker (right) recording dimensions of the eastern most vertical engine timber. It is part of the remains of *Waccamaw's* inclined steam engine bed. (Photo By Nathan Richards)

by half a foot. This would not have been terribly detrimental if the tidal prediction had not already been off by another half foot. The quality of images captured suffered due to the moving water with collection being fruitless after those 30 minutes. All was not lost however, as a scaled photomodel was still produced, albeit with several large gaps on the side most inundated with water. After some discussion it was decided that a 2nd trip to the site ought to be made to see if a more complete photomodel might be produced. The date selected was 30 June of the following year and the tidal prediction stayed true to the water level promised: nearly a foot lower than the previous outing. The resultant photomodel was improved both due to the reduction of moving water from one image to the next and the greater number of coded targets that were able to be placed. After some discussion it was decided that a 2nd trip to the site ought to be made to see if a more complete photomodel might be produced. The date selected was 30 June of the following year and the tidal prediction stayed true to the water level promised: nearly a foot lower than the previous outing. The resultant photomodel was improved both due to the reduction of moving water from one image to the next and the greater number of coded targets that were able to be placed. The above-described field work and the model produced from it has been instrumental in analyzing the site's archaeological remains.

Furthermore, it has aided in the reconstruction of the vessel in its three stages of use, providing insight into its material past that was not available in the historic record. Thomas would like to thank all those who have already helped both in and out of the field and looks forward to presenting the detailed account of the old double ender. For those interested in further information, *Waccamaw's* life and death, alongside the larger contexts that defined its course, will be explored and analyzed in the upcoming thesis.. 🐉

– Thomas Fosdick



# *From the Field -* Diving a Great Lake: A Summer in NOAA's Wisconsin Shipwreck Coast National Marine Sanctuary

When you think of Wisconsin, what immediately pops to mind is beer, cheese, and the Packers. But this is now changing. Forming the western shore of Lake Michigan, Wisconsin is home to a rich maritime and shipbuilding industry that spans thousands of years. The Wisconsin Historical Society has made great strides to identify, protect, preserve, and interpret these windows into the past. To complement this effort, the National Oceanic and Atmospheric Administration (NOAA) designated the Wisconsin Shipwreck Coast National Marine Sanctuary (WCSNMS) in 2021 to provide stewardship of shipwrecks within Lake Michigan. The sanctuary covers 962 square miles between Port Washington in Ozaukee County in the



Allyson Ropp exploring the Rawley Point shipwreck, *Continental*. (Photo by C. Zant/NOAA)

south and Kewaunee County in the north.

During the summer of 2024, as a part of her NOAA Dr. Nancy Fancy Scholar Program, Integrated Coastal Sciences Ph.D. candidate and Maritime Studies alumna Allyson Ropp spent six weeks working with the WCSNMS to understand shallow-water shipwreck dynamics and develop management and interpretation strategies for these resources. The project focused on twelve shipwreck sites around Maritime Bay and Rawley Point in the Manitowoc-Two Rivers area. These sites were *Alaska* (1869-1879, Rawley Point), *Arctic* (1881-1930, Maritime Bay), *Arctic Bow* (1881-1930, Maritime Bay), *Continental* (1882-1904, Rawley Point), *Francis Hinton* (1889-1909,



Allyson Ropp photographing the Rawley Point shipwreck, *Continental*. (Photo by C. Zant/NOAA)

Maritime Bay), *Grace Patterson* (1880-1882, Rawley Point), *LaSalle* (1874-1875, Rawley Point), *Lookout* (1855-1897, Rawley Point), *Major Anderson* (1861-1871, Rawley Point), *Pathfinder* (1869-1886, Rawley Point), and *Tubal Cain* (1866-1867, Rawley Point) (to learn more about the histories of these individual wrecks, check out [wisconsinshipwrecks.org](http://wisconsinshipwrecks.org)). These ships were lost in several ways, including intentional abandonment and burning and storm-driven and accidental groundings.

The project had two goals: 1) to create photogrammetric models of each site for management and interpretation purposes and 2) to gather foundational water chemistry, sediment coverage, and weather data to track physical changes around the shipwrecks that impact access and stability. The work began in July 2024. The team launched the research vessel in Manitowoc and completed dive training before embarking on five weeks of daily on-water adventures. Most project sites sat on either side of Rawley Point, meaning visiting them was entirely weather-dependent. If there were south winds, the northern sites would be more protected and accessible. In contrast, north winds made the southern sites more accessible. Every day, the team looked at the weather and decided which location to try based on the winds.

Next came the challenge of visibility. While the wind

conditions made the different sites more accessible by boat or from shore, the visibility seemed utterly unrelated to the wind direction. The team took the research vessel out each day, including when the wind was perfect, to check the visibility. Some days, the team was lucky, and the visibility was excellent. When it was, the team took as many photos as possible in the hopes that photomodels could be generated and collected water chemistry and sediment coverage data. When the visibility was not excellent, the team collected what data they could. While the data is still being processed, the team is hopeful that the data will help in future management efforts and understanding of the larger dynamics of change within the region.

Beyond science, the project in WCSNMS offered an exciting location to learn new things. First, this opportunity exposed Allyson to different methods of managing shipwrecks and submerged cultural resources in a seemingly stable environmental context. Second, this opportunity provided a chance to work with various stakeholders and interested parties at official functions and daily at Rawley Point. Finally, this experience expanded the interests of the sanctuary through the development of outreach products, including a forthcoming storymap. For more information about NOAA's Wisconsin Shipwreck Coast National Marine Sanctuary, check out <https://sanctuaries.noaa.gov/wisconsin/>. 📖

— Allyson Ropp



Allyson Ropp and WCSNMS Superintendent Russ Green discussing water chemistry measuring techniques. (Photo by C. Zant/NOAA)

## Honoring Karen Underwood's 41 Years of Service

back to Washington, NC, an adventure that left Karen worried about their safety. "It was a miracle they made it." A more recent story she remembered was the time Dr. Lynn Harris returned from a field school and handed her a receipt written on a cocktail napkin from a boat captain. Such stories highlight the unpredictability and excitement of maritime research, adding to the vibrant tapestry of experiences that define Karen's career. As for the future of the program, Karen sees a bright future for the Program in Maritime Studies. "I think the program will continue to grow and keep getting better and better," she says. After retirement, Karen plans to focus on what matters most to her—family. "I plan to spend more time with my grandchildren while they are still young," she shares, with a hint of nostalgia. She also hopes to travel and explore new places and create new memories.

As she says goodbye to ECU, Karen leaves behind a legacy of patience and profound dedication. Her advice to current and future students? "Enjoy your time here. The faculty and staff of this program are some of the kindest and most understanding people you will ever meet. They are always happy to lend a helping hand if someone is in a difficult place." In recognition of her outstanding contributions, Karen has received numerous awards, including the Treasured Pirate Award and the Thomas Harriot College of Arts and Sciences Staff Award. However, her most significant accomplishment remains her enduring impact on the students and the program itself. As Karen starts this new chapter in her life, her spirit will remain within Eller House for years to come. Thank you, Karen, for your years of service, your unwavering support, and your heartfelt dedication to the Program in Maritime Studies at ECU. You will be missed by all of us, but your impact will never be forgotten. 🍷

— Ethan Whiten

## Welcome Aboard - New Faces

**Chelsea Rachelle Freeland** (MA '14) returns to the Program in Maritime Studies to serve as a Research Fellow after almost ten years working for the federal government. Before coming back to East Carolina, Chelsea worked to protect and preserve international cultural property at the U.S. Department of State's Cultural Heritage Center for seven years, focusing on trafficking in Europe and the Middle East and protecting cultural heritage during armed conflict in Yemen and Ukraine. Prior to that, she was on contract with the Maritime Administration for archival shipwreck research and at Naval History and Heritage Command's Museum storage facility for object research and conservation. Chelsea has studied and worked underwater or above in Bulgaria, Cyprus, Greece, Honduras, India, Israel, Italy, Morocco, the Netherlands, North Macedonia, Oman, Türkiye, and the United Arab Emirates as well as at several historic shipwreck locations in the United States.



Chelsea Freeland posing with Ceramic vessel. (Photo by Chelsea Freeland)



Photo of Students and Staff at the Summer Field School Edenton, NC. (Photo by Jeremy Borrelli)



# Summer Field School - John's Island Wreck, Edenton, NC

Summer 2024 saw ECU's Program in Maritime Studies head to Edenton, North Carolina for Summer field school. Under the direction of Dr. Jason Raupp and Dr. Jennifer McKinnon, along with assistance from staff archaeologist Jeremy Borrelli and dive safety officer Ryan Bradley. At Edenton, the Maritime Studies program worked with the North Carolina State Archaeology Bureau to help conduct an archaeological survey of the town. Edenton is one of North Carolina's oldest European settlements and was the site of the state's first colonial capital. Due to its rich history, the area is a hotbed of archaeological activity. ECU students and professors spent 11 days in Edenton investigating and documenting various historical sites

wreck to map. Visibility and conditions were initially good, which allowed teams to work with a roughly 1-meter horizontal field of vision. As site activity increased, visibility quickly diminished, resulting in the number of teams mapping the wreck being downsized. The reduced personnel significantly decreased the issue of downstream blackout silting caused by disturbing the river bottom. When conducting the 2024 mapping operations, the complete site plans from 1980 and 1993 were both used as guides for comparative analysis throughout the process. Using past field data allowed divers to understand previously been observed features and objects located which helped divers to discern the immediate impacts of time and tide on the site.

Over the course of the 2024 field investigation, several diagnostic artifacts were observed to be at risk of being

swept away by the current due to erosion at the site. Because of their immediate at-risk status, the positions and context of each object was recorded before it was recovered from John's Island Wreck. In total, eight artifacts were retrieved from the site: two-barrel head pieces and one barrel stave, three bricks, an iron mast cap, and a drift bolt.

Recovered artifacts were taken back to ECU's Maritime Studies lab, where they were documented via hand illustration and photography, before being cataloged. Out of the eight recovered artifacts, the mast cap, drift bolt and barrel head piece were transferred to the Queen Anne's Revenge Conservation Laboratory, where they will be conserved. Preliminary plans for these include returning them to Edenton by 2026 for incorporation into a public exhibit as part of for the town's 250th anniversary celebration of the start of the Revolutionary War.

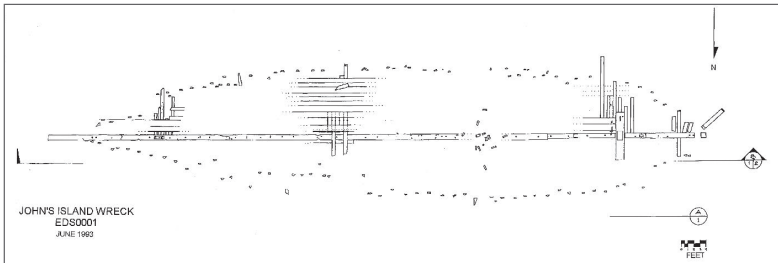
The 2024 ECU



Barrel head piece with intact bung. (Photo by Jeremy Borrelli)

Program in Maritime Studies field school site investigation of the John's Island Wreck observed that a great deal of change had occurred on the site since investigations were last conducted over 30 years ago. It was also observed that a significant structural break occurred along the rider keelson and going all the way through the keel. The break has caused the vessel remains at the stern list toward opposing sites fore and aft of it, resulting in structural warping. Due to the warping, the vessel's starboard side has become exposed to the elements and is now resting well above the surface of the river bottom. It is likely that this exposure has contributed to sediments that once buried and preserved the site. Due to currents in the area and the warping of the vessel, the site was assessed as being at elevated risk. Future deterioration resulting in the loss of currently documented features is likely inevitable. The listing of the vessel has put great stress on the keel assembly, which has caused multiple scarf joints throughout the vessel's length to pull apart. All these factors contribute to the continued structural deterioration of the vessel, making this summer's efforts essential in gathering and preserving data about the site. Archaeological sites like John's Island are unrivaled in their ability to allow a glimpse into this period of the state's past. 🏴‍☠️

— Addison Costa



John's Island Wreck 1993 Field School Site plan. (Neidinger 2000:73)

around the area, including a shipwreck in Pembroke Creek. This wreck was known to some local community members, as it was first investigated by state maritime archaeologists Gordon Watts and Richard Lawrence in 1980.

Lawrence and Watts' 1980 investigation saw the excavation and recovery of several diagnostic artifacts from the site which were key to dating the vessel to the second half of the 18th century. The ship's remains, called John's Island Wreck, were investigated again in 1993 when an ECU field school excavated other parts of the site. Following that project, however, the vessel was not reexamined until Spring 2024. In the most recent project, the Program in Maritime Studies did not undertake excavation; rather the purpose of the project was simply to map the remains to detail the site's current condition. This non-disturbance approach is often useful for tracking change over time through comparative analysis with past maps of the site.

To produce a detailed site plan, Maritime students split into six buddy teams assigned to specific sections of the

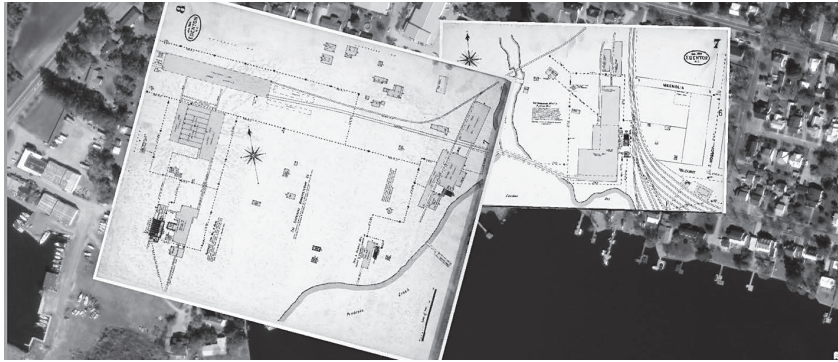


Summer field school faculty, and students. (Photo by Jeremy Borrelli)

# *From the Field* - Summer Field School Milling Around Edenton

During the summer of 2024, first-year Maritime students participated in the ECU Maritime Studies Summer Field School. The field school focused on two fieldwork locations. The first

industry to establish a booming company. They took advantage of the large forests and cheap labor found in eastern NC during the late 19th century. After opening their first mill, named Albania,



ArcGIS data showing the overlay of two 1904 Sanborn Fire Insurance Maps that were georeferenced showing the approximate location of the Branning Manufacturing Company. (Photo by Cory Van Hees and Nate Wood)

of these locations, Edenton, NC, is the focus of this article, providing a detailed look at the archaeological investigations conducted there. Edenton was the site of several archaeological investigations for the class, including work on wreck sites, a plantation, cannon around the town, and a site investigation of two local residential waterfront properties. Residents contacted the field school during a public meet and greet at Edenton's Waterfront Park, leading to a collaborative archaeological investigation. They noted that they had found artifacts on their properties and in the water along their properties. Dr. Jason Raupp assigned these two residential properties to Cory van Hees and Nate Wood for an archaeological investigation as part of their side project for the class.

The mill site near Edenton's waterfront was an impressive operation. From the late 19th century to the mid 20th century, the site housed a prominent lumber mill, believed to be the largest lumber operation in the state (and possibly the southeast) in the late 1800s and early 1900s. The industrial history of the lumber mills in Edenton is dominated by two manufacturers: the Branning Manufacturing Company and later the M.G. Brown company, which took over Branning's operations in Edenton in the early 20th century.

The Branning Manufacturing Company was founded when brothers John W. and Clarence E. Branning moved to eastern North Carolina from Pennsylvania and used their experience in the lumber

in 1888, the Branning's established a second mill named Pembroke in 1893, both named after nearby plantations. They then expanded by opening another mill in the nearby town of Ahoskie. Despite their growth, a series of misfortunes befell Branning Manufacturing Co., including several fires. The first occurred at their Columbia mill in 1901, followed by another fire at the Ahoskie mill. Branning Manufacturing Co. began downsizing, moving operations to the repaired Ahoskie mill and selling the large Edenton mill to the M.G. Brown company.

M.G. Brown, owner of another Edenton lumber mill, had strong local connections, with his father William H. Brown arriving in Edenton in the mid-1880s from Gates County and establishing a small mill. This transition marked the beginning of M.G. Brown's significant involvement in Edenton's lumber industry. By 1893, William Brown had passed on operations of the mill to M.G. Brown, who continued to operate it successfully. In 1900, he expanded by purchasing the Winborne and Rea Novelty Works Complex. Although M.G. Brown was a successful businessperson with other investments, such as with the Edenton Peanut Co., he did little to improve the lumber mills, and operations moved to a smaller scale into the 20th century. Fires reduced the Albania and Pembroke mills, leaving only the Branning Mill office, built in 1889, standing.

The first part of the investigation involved visiting one of the residential

docks, where artifacts had been retrieved during dock installation. This was conducted by Dr. Jason Raupp, Cory van Hees, and Nate Wood. The artifacts were documented with photographs and measurements. The second part of the investigation included a snorkel survey of another residence's private channel, with assistance from Dive Safety Officer Ryan Bradley, Crew Chief Alex Morrow, and field school student Addison Costa. During the investigation, a mud map was created, and the location of artifacts was noted. Photographs and measurements were taken of several artifacts found, including bricks, metal fasteners, a metal pipe, metal chain links, possible mooring rings, and metal wheels or cogs.

After the field investigation, historical research was conducted to better understand the context of these artifacts, transitioning from hands-on fieldwork to archival exploration. Historical research, including the use of Sanborn Fire Insurance maps, helped uncover the context of these artifacts. ArcGIS was used to overlay historic maps and aerial photographs over satellite imagery of the investigation locations, allowing for georeferencing these maps and photographs.



One of the many artifacts that were documented during this archaeological survey. The artifact depicted may be a possible mooring ring. (Photo by Alex Morrow)

The site of the J.W. Branning and later the M.G. Brown mill in Edenton provides a glimpse of industrialization in this small coastal town, highlighting the scale of the mill, its industrial output, and the use of steam engines. Although little remains of the prominent lumber mill except for the Branning Mill Office, the use of ArcGIS and historical research has shed light on this fascinating site and its history. 📷

– Cory Van Hees & Nathan “Nate” Wood



# *From the Field -* ECU Participates in First DPAA Excavation in Portugal



Excavation Team on Lincs. (Photo by João Encarnação)

In September 2024, ECU's Program in Maritime Studies was a partner in the Defense POW/MIA Accounting Agency's (DPAA) first recovery excavation in Portugal. Led by Dr. Toni Carrell of Ships of Discovery, the team was comprised of multiple partners including ECU, RECON Offshore, Task Force Dagger Special Operations Foundation (TFDF), and Portuguese representatives from the Portuguese Maritime Museum, HistArc, and Lisbon University. There were also multiple current and former Maritimers on the project: co-founder of RECON Offshore, Michael Krivor ('98); one of ECU Dive Safety Officers, Ryan Bradley ('15); current PhD candidate in ECU's Coastal Studies Institute, Maddie Roth ('18); Raymond Phipps ('24); and current third-year students Geoff Anthony and Alex Morrow.

The team was there to excavate an American PB4Y-1 bomber that wrecked off Faro, Portugal in November

1943 and is currently submerged in 60 feet of water. They were searching for the remains of the five crewmembers who are still missing in action. The team used three different vessels to assist in the excavation: a catamaran operated by a local tour company, Lincs; Lincs' dingy, and a rhib boat (Rigid-Hulled Inflatable Boat) from the nearby University of Algarve, Trim. Lincs served as the dive and excavation platform, the dingy was moored to the site and held the dredge pump, and Trim was used as a safety boat. With this set up, the team excavated the cockpit area of the aircraft for two weeks.

Having TFDF aboard to help was as profoundly impactful as ever. TFDF is a non-profit which assists America's special forces veterans through "immediate needs" support, Rehabilitative Adaptive Events (RAE), and innovative medical treatment. As one of their RAEs, TFD partnered with Dr. McKinnon to create the Joint Recovery Team, and she has invited them to work as volunteer citizen scientists for many of her DPAA projects over the years. The men on this project were all combat veterans who served anywhere from the 1980s until just a few months ago; many of which had made a career out of the military. Some of these men were physically wounded in service to this country and still carry physical disabilities. To these men, who had signed on the dotted line and hoped that their remains would be brought home if something tragic had happened to them, this repatriation mission is deeply personal and healing. Listening to their harrowing life stories is incredibly powerful, and it is difficult to put into words just how moving it is to see how hard they worked to bring five of their brother's home. They are also incredibly funny and offer unique and varied world views.

This mission was not meaningful solely to the Americans, but the Portuguese have a special connection to this wreck as well. To protect the families of those still missing, DPAA is often rightly restrictive about what mission details can be shared with the public. But in this case, the story of three local fishers (Jaime Nunes, José Mascarenhas, and the latter's 13-year-old son, Manuel) rescuing the six crew

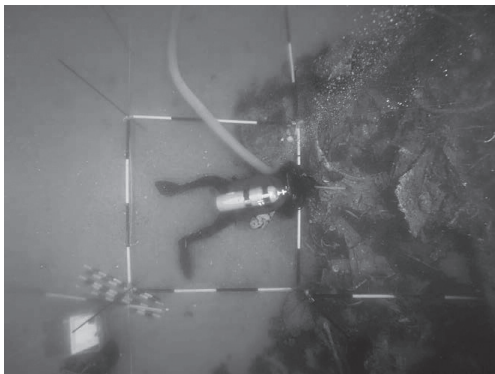


Excavation Team Screening for Osseous and Aircraft Material. (Photo by DPAA)

members who were able to escape the aircraft from the freezing water is a local legend. There is a monument along the shoreline, which inspired a 20-year effort to locate the site by local divers, and a Portuguese historian featured the story in his book.

During the community day at the end of the mission, we were fortunate enough not only to witness the daughter of one of the crew members and José's daughter meet in person, but also view a recently found video of the crew member and one of the anglers talking about the accident. It brought the room to tears hearing the different family members, TFDF veterans, and Portuguese community members talk about the impact of the mission. Our Portuguese partners mentioned that because of this project, there has been more discussion about Portugal following the United States' lead in repatriation, as well as employing veterans to help in the search. Hopefully, this mission is just the start of continued efforts to bring these five American heroes' home, and for Portuguese repatriation efforts. 🇺🇸

— Alex Morrow



Veteran and TFDF member Alan Williams Excavating the PB4Y-1; scale 50cm. (Photo by João Encarnação)

## Ceramics Research in Mexico City and Tonalá, Mexico



Group photo of Kostas (Back row, 4 from the right) and scholars holding the two AUVs in front of R/V Hercules (Photo by Christopher Beagley)

From June 23 to July 3, 2024, Dorian Record had the privilege of traveling to both Mexico City and Tonalá, Mexico, in support of her thesis research on *Tonalá Bruñida* ware. The goals of her thesis are to investigate this ceramic ware, an indigenous Mexican product which was first produced during the early colonial period but whose production continues to this day. This ware has a unique history of being eaten by elite women in Spain during the colonial period for medicinal and cosmetic purposes. This is an example of a folk medical practice known as “geophagy,” or “earth-eating.” This phenomenon was so prevalent in colonial Spain that *Tonalá Bruñida* was shipped to Spanish ports from Mexico in massive quantities, both in whole vessel form and in bags of broken sherds. Dorian’s thesis will involve chemical analysis of various *Tonalá Bruñida* collections from both shipwreck and terrestrial sites in hopes of understanding the nutritional impact of this geophagy. However, she also wishes to explore *Tonalá Bruñida* as a facet of modern artisanal culture in Mexico, a goal which was supported by her recent research trip.



Dorian with an artistic rendition of an Aztec tzompantli, or skull rack, in the Museo del Templo Mayor. (Photo by Emilio Garcés)

Anthropology Museum) and *Museo Franz Mayer* (Franz Mayer Museum). During this time, Dorian was also privileged to see some of the most iconic Mexican artifacts and sites, including *el Templo Mayor* and *la Piedra del Sol*. During her stay in Mexico City, she made connections with collections managers at the archaeological zone of Chapultepec in hopes of future collaboration for artifact analysis. Finally, with the generous

assistance of the Underwater Archaeology Branch at the *Instituto Nacional de Arqueología e Historia* (INAH), Dorian was able to complete initial analysis of an archaeologically recovered *Tonalá Bruñida* sherd, as well as collect artifact photos and the data to produce a 3D photogrammetric model.

The bulk of Dorian’s trip was spent in the city of Tonalá, the birthplace of *Tonalá Bruñida* ware and the site of its continued production. In Tonalá, Dorian was privileged to record three oral histories with *Tonalá Bruñida* artisans. She also conducted informal interviews with additional artisans as well as vendors, curators, and other citizens associated with *Tonalá Bruñida*. All these interviews serve to provide ethnographic data on the production and significance of *Tonalá Bruñida* in Tonalá culture, as well as information about its geophagy as a modern practice in the region. Interviews took place at potters’ workshops, at vending locations such as the famous Tonalá artisanal market *el Tianguis*, and by chance encounters while conducting pedestrian surveys around the city. During many of these interviews, the potters gifted Dorian with a variety of materials to take back to the United States to further her chemical analysis goals, including sherds from a broken vase, pigment samples, and clay samples. Further ethnographic data collected during this part of the trip include hundreds of photos taken at several key locations. These included historic workshops around Tonalá, public displays which honor the *Tonalá Bruñida* tradition such as the *Museo Nacional de la Cerámica* (National Ceramics Museum), the *Paseo de los Guardianas de la Reina* (Passage of the Queen’s Guardians) public park, and the *Glorieta de la Mujer Alfarrera* (Woman Potter’s Square) statue. All these experiences have provided an incredible foundation for Dorian’s understanding of *Tonalá Bruñida* as pillar of Tonalá artisanal culture, and she is excited to continue exploring the nutritional and maritime dimensions of its history as her thesis research continues.

Dorian’s thesis would not be possible in its current iteration without the individuals who supported her travel experience.



Dorian with La Piedra del Sol at the Museo Nacional de Antropología. (Photo by Roberto Ruiz Mar)

She would like to express gratitude to her advisor Dr. Jennifer McKinnon, to Dr. Roberto Junco Sánchez and his family for housing her in Mexico City, to Dra. Patricia Fournier and Dr. Isaías Hernandez Estrada for providing connections in support of her oral history research, to all the interviewees who participated in her ethnographic research, and to the entire staff of the INAH Underwater Archaeology Branch. 🐸

– Dorian Record



# Theses Defended 2023-2024

**Nicholas Baker**, Masters at Sea: Navigation Aboard *La Concorde/Queen Anne's Revenge*.

**Madison Elsner**, Maritime Iconography at Punic Votive Sites at Carthage and Cirta: An Analysis of Watercraft Imagery from the 4th – 1st Centuries BCE.

**Michaela Hoots**, Foodways: An Investigation of Artifacts and the Connections of Three Groups aboard *La Concorde/Queen Anne's Revenge*.

**Mark Keusenkothen**, Underwater Demolition Teams and the Geomorphological and Ecological Effects of a World War II Amphibious Landing on a Coral Reef in the Pacific.

**Olivia Livingston**, "Exploring the Maritime Structure of Castle Island: A Historical and Archaeological Study of an Offshore Island Near Washington, North Carolina"

**Raymond Phipps**, "Eighty-Nine Years Before the Mast": An Analysis of Human Innovation and Maritime Technological Change in *Bear* (1874-1963).

**Konstantinos Raptis**, Mapping Trade by Shipwrecks: An Analysis of Amphora Assemblages from Fournoi Archipelago (Aegean).

**Katelyn Rollins**, Hatshepsut and Her Ships: Watercraft as Intentional Symbols of Power in Dynastic Egypt.

**Alyssa Saldivar**, The Oconee River Flatboat: An Analysis Through Experimental Archaeology.

**Daniel J. Schaefer**, The Beaming Sun: The Effectiveness of Imperial Japanese Radar Against United States Aircraft During the Battle for Saipan.

**Patrick Smith**, Never Forgotten: The Badin Bomber.

**Dayan Weller**, Monterey Bay Area Shore Whaling 1854-1926: A Maritime Industrial Landscape Study.

## *From the Field* - The NASOH Experience

Over the summer, representatives for East Carolina University travelled to St. Catharines, Canada, for the 2024 North American Society for Oceanic History (NASOH) conference, which was held synchronously with the Canadian Nautical Research Society (CNRS) conference. The theme this year was "Inland Seas, Rivers, and Canals," though topics from every aspect of maritime history, archaeology and strategic studies were covered. Conference organizers encouraged participants to consider the role inland waterways have influenced the development of culture, politics, defense, and commerce. The backdrop of the beautiful Niagara peninsula formed the perfect space to discuss maritime topics, and conference goers spent the afternoon touring the beautiful countryside, visiting the locks and canals, or experiencing the rich culture in southern Canada.

Multidisciplinary approaches are much appreciated at NASOH, and this is reflected in the scholars who attend and the papers which are presented. Many influential academics and researchers from a variety of institutions were present, and the small and intimate nature of the conference was very conducive to meeting new people and spending time getting to know everyone, even if they represented a quite different field of study or academic approach. This year, sessions were held on an assortment of topics, including historic fisheries, naval strategy, maritime archaeology, sea power, gender, and the Royal Navy. Other sessions were focused on the local region, such as a collection of scholars presenting on Great Lakes commerce or a session on the construction, use, and anthropology of the Canadian canal systems. The concluding roundtable on the first day struck the author as a particularly interesting session, aptly named "Publishing Maritime, Naval, Oceanographic, and

Marine Environmental History for Diverse Audiences." Only at NASOH could one expect to see professors, archaeologists, and historians from such diverse locations as York University, East Carolina University, Texas A&M University, Parks Canada, Rochester Institute of Technology, the United States Naval War College, and the United States Naval Academy discussing the intersection of such related disciplines. Multidisciplinary approaches represent the future of the history field, and NASOH is preparing current and prospective scholars to meet these challenges head on.

East Carolina University represented itself well throughout the conference. Dr. Jason Raupp presented a paper and continued his role on the NASOH council. James Fowler was elected to represent graduate students as a student officer. Additionally, East Carolina University was represented well in the awards ceremony, in which James Fowler was awarded the Chad Smith Student Travel Grant. All East Carolina University papers were received with much praise and acclamation.

Currently the conference is well suited to help young academics and students network effectively with scholars in a variety of disciplines, while remaining focused on maritime studies. Opportunities for professional development are also available. The author personally took advantage of the book review booth. He enjoyed reading a book (provided free of charge to keep) and wrote a review of it, which will hopefully be published in *The Northern Mariner*. The conference will return in 2025, and with it a chance to present new research and receive some more feedback. All are welcome, and hopefully the next conference will be even more productive! 📖

– James Fowler

## *From the Field* - Summer Field School Edenton, NC

Edenton, incorporated in 1722 and located at the head of the Albemarle Sound in Chowan County, is known for its bustling ports, plantation status, agricultural economy, diplomatic relations, and its military campaigns. The name of this town has changed throughout its development and was named after Charles Eden, the first royal governor. Prior to the late 1700s the Albemarle Sound had an inlet through the Outer Banks directly to the Atlantic Ocean which inevitably opened a world of trade.

It is noted that over 300 ships arrived annually in Edenton Bay. Ships traveling to and from Charleston, Philadelphia, Boston, England, France, Bahamas, and other distant places brought luxurious items that transformed the culture within the society making it a very developing into a dynamic community.

Hayes Plantation, built in the 1760s, is a site that played a significant role in the local community, economy, and social structure during its operation. It also played a key role in the Revolutionary War, serving as a meeting place for important political figures like George Washington and other renowned individuals. Owned by the Johnston family, a prominent North Carolina family and was known for its contributions to colonial trade and agriculture. The various mills used throughout the area show an evolution of lucrative growth and autonomy that remains a staple in Edenton.



Ian Shoemaker taking site photos around the iron flywheel at the Hayes Plantation Property in Edenton, NC (Photo by Jeremy Borrelli)

From May 25, 2024, through May 27, 2024, faculty and students from East Carolina University's Maritime Studies program completed a survey of the shoreline of Queen Anne's Creek on the Hayes Plantation Property in Edenton, NC. Under the direction of Dr. Jason Raupp and Dr. Jennifer McKinnon, along with assistance from staff archaeologist Jeremy Borrelli and dive safety officer Ryan Bradley. Upon arrival at the Hayes Plantation site, the team was briefed on the itinerary for the day and provided with background information pertaining to the site. Subsequently, the team was separated into groups of two to efficiently complete the tasks. Group 1 was assigned to track the field located nearby and pinpoint any artifacts on the surface with flags. The group found many interesting artifacts that spanned across the field. Afterwards, the team took notes on the artifacts, created specific labels for each one, and took photographs of the artifacts for documentation.



Students assembling the Real Time Kinematic (RTK) system at the Hayes Plantation Property in Edenton, NC. (Photo by Jason Raupp)

Group 2 helped assemble the Real Time Kinematic (RTK) system. The groups received training on the proper ways to create a grid to represent the space they were surveying and manually tracking, organizing, labeling, and dating each artifact within its location. The groups became familiar with utilizing the coordinate system, then went to each artifact to obtain its coordinates and log them into the RTK system. Group 2 began selecting and clearing a path to the waterline to find the previously scouted site.

After several attempts to access the waterline, the group successfully found the site and during the investigation found a large iron flywheel. Following the initial artifact collection, Group 1 went to the cleared-out section of the nearby wooded area near Queen Annes Creek, prepared earlier by Group 2, and observed the location. Here, an unmeasured sketch was created to display the layout of the site. As the team assessed the area, new artifacts were found and recorded. On the following day, the baseline was readjusted, and the team reoriented themselves and divided into teams to continue working on the site. A detailed mud map and scaled drawing of a stone ledge, likely the edge of the former foundation, were created. The team used offsets from the baseline and other crucial data points to help formulate an accurate representation of the feature. After establishing accurate points, a key was created representing the features that the ledge consisted of. To further their knowledge of the site, groups probed specific areas to figure out the extent of the buried foundation. Pin flags were placed to indicate negative and positive returns, to help create an outline of what the foundation may have looked like. After completing that process, the team took offset and trilateration measurements to gain the required information needed to formulate an accurate representation of the shoreline within the site. Despite the sporadic weather, the teams gathered precise data, enabling them to proceed with taking offsets to artifacts to determine their location within the site. This fieldwork not only contributed valuable insights into Edenton's rich historical tapestry but also underscored the importance of preserving and documenting cultural heritage for future generations. 📸

— Armani Gibbs & Evan Olinger



## Catching up with the Maritime Studies Association

2024 has been another amazing year for the Maritime Studies Association (MSA). We began the year with a distinguished guest speaker, Dr. Dimitris Plantzos, of the University of Athens. Dr. Plantzos spoke to us about his diverse history of professional experiences, including serving as the director of the Argos Orestikon Excavation Project in Kastoria, Greece. Dr. Plantzos offered wonderful insight into his work as a classical archaeologist, inspiring many MSA students with dreams of studying this area.

March brought MSA the wonderful opportunity to represent our organization at the Coastal Studies Institute (CSI) Open House. Many MSA officers and members as well as Dr. Nathan Richards attended this event, which aims to educate the public about marine sciences and the opportunities available in our field. MSA was proud to represent our program positively to many members of the public.

In April, MSA was excited to welcome its new batch of officers: Dorian Record (President), Ian Shoemaker (Vice President), Don Swanbeck (Treasurer), Nate Wood (Secretary), Cory Van Hees (Speaker Series Coordinator), and Evan Olinger (Historian). The first big event by this batch of officers was the annual end-of-year party. Like last year, we partnered with our friends at Jarvis Bottle Shop to end off the year with food, drinks, and relaxation for all after the end of a long finals season.

Additionally, during this time the Maritime Studies Association continued to build our partnership with Outer Banks Distilling. We helped to write the dedication of their latest batch in their Shipwreck Series rums. This season's offering was aged in madeira wine barrels, the source of inspiration behind its dedication to the Spanish colonial wreck *El Salvador*, wrecked near Beaufort Inlet, NC in 1750. MSA is always excited to support our friends at Outer Banks Distilling and we hope to continue this partnership moving forward.

This summer, MSA was proud to collaborate with Rum Runner Dive Shop for another public outreach opportunity. Dorian Record and Ian Shoemaker volunteered to teach a classroom and pool lesson to students enrolled in Rum Runner's Advanced STEM Camp. The students, aged 10-14, practiced creating scaled maps of "artifact" scatters in both a terrestrial and pool setting. We are so grateful for this amazing opportunity for outreach – we always get excited to share our work with the maritime archaeologists of tomorrow!

We began the next Fall just the way we ended the Spring semester, back at Jarvis Bottle Shop, but this time to throw a bash for our new bunch of first year students at our yearly Welcome Aboard party. Great connections were made with all the new students, who were already excited to make a splash with MSA.

Speaking of making a splash, the very next MSA event of the year was a revival of the old Tar River Float tradition. MSA officers drove one of the programs vans out to shuttle students to the Town Common entry point of the Tar River, and all enjoyed a relaxing tube down the river. This was a terrific way to start forming MSA bonds before second-year students had to leave for fall field school, and a fantastic revival of a long-loved tradition. We hope to maintain this float celebration in years to come!

In October, MSA was proud to welcome Stephen Atkinson and Will Nassif from the North Carolina Underwater Archaeology Branch as part of our Speaker Series. ECU Maritime graduate Will Nassif shared invaluable information with our students about building a career in state archaeology. We were so excited to welcome them to speak with us and grateful for the guidance and wisdom that they offer. In November, we had the honor of welcoming Tane Casserly to speak for our organization. Tane is a Research, Resource Protection and Permit Coordinator at the NOAA Mallows Bay and Monitor National Marine Sanctuaries, and another proud ECU graduate! Tane offered incredible perspective on his experiences working with NOAA which are invaluable to our current students.

As always, MSA takes pride in our members' presentation of their research at various conferences throughout the year. From the North Carolina Maritime History Council presentation close to home in Manteo to the Southeast World History Association conference in Missouri to the North American Society for Oceanic History in Ontario, MSA is proud to say that our students have presented on their research across the United States and even internationally. Most excitingly, MSA is gearing up to fundraise money to send a record number of our students to the Society for Historical Archaeology (SHA) conference in January this year, so stay tuned for some great presentations from ECU Maritime scholars!

To conclude our year in review, MSA would like to express our deep gratitude to the professors and staff of the Maritime Studies program, most especially to our faculty liaison Dr. Jason Raupp. Your guidance and the care you take in our education and in helping to facilitate our fellowship programs help make MSA the organization that it is. We would also like to express sincere thanks to everyone who donated to and supported the Maritime Studies Association throughout the year. The events, merchandise, and career building opportunities we provide for ECU Maritimers would not be accessible without your generosity. MSA is so grateful for all our successes in 2024, and we cannot wait to dive headfirst into 2025! 🐬

– Dorian Record & Ian Shoemaker





Collage of Program students, staff and faculty at Summer, and Fall Field Schools.  
 Photos by: Jeremy Borrelli, Nathan Richards, Alex Morrow, Lynn Harris, Jason Raupp.



# *From the Field -* Sidescan Sonar and Gradiometric Surveys of Mallows Bay and the Burning Basin

For the Fall 2024 Field School, second-year students travelled to Mallows Bay, Maryland, to hone archaeological skills while investigating an early 20th century merchant ships' graveyard. In fulfillment of a formal agreement with NOAA MPNMS, a contingent of the field school team was assigned to conduct a remote sensing survey. The intent was to chart select areas for the sake of ongoing monitoring and of acquiring new data. The survey comprised both a side-scan sonar survey of the outer edge of the main ships' graveyard, as well as a gradiometric survey of the "Burning Basin," an adjacent pond-like body located east of the main assemblage of Emergency Fleet Corporation (WW1-era) shipwrecks. The Burning Basin constitutes the site of a vessel shipbreaking operation dating to circa. 1943. Led by Dr. Nathan Richards, the team included PhD student Allyson Ropp (Integrated Coastal Studies Program) and program graduate students Jim Fowler, Evan Olinger, Dorian Record, and Don Swanbeck.



Students assisting with set up for the survey of the Burning Basin view from the end of the Gradiometer (Photo by Jeremy Borrelli)

The first part of the dual survey operation began with a sidescan sonar operation along the outer edge of the ships' graveyard. The area of focus constituted a swath of water situated immediately to the west of the line of wrecks, and oriented roughly north-south. With Allyson skillfully piloting

the boat *Flounder*, Dr. Richards coordinated the preparation and deployment of the side-scan sonar tow-fish, employing the assistance of the graduate students both to manage the physical device in the water and to monitor real-time sonar imaging via onboard computer. Given the known hazards presented by shipwrecks in shallow waters, other students were assigned to keep sharp watch from the bow while the survey was completed. In the end, the survey constituted 10 overlapping sections running roughly north-south, which when combined created a coherent sonar image of the riverbed.

The second part of the operation continued with a gradiometric survey of the Burning Basin. Conditions in the Basin proved a greater challenge, due to a combination of confined space, several hazards in the form of wrecks, a ruined pier, and heavy growth of aquatic plants which threatened to tangle the tow-fish and thus prevented use of side-scan sonar in one area. In addition, the team rigged up a gradiometer, a device consisting of paired magnetometers used in tandem to detect localized variations in the magnetic field indicative of ferrous metals, from the iron fasteners, cross-strapping, and other iron-laden components of shipwrecks in the Basin. To avoid anomalous readings from the boat, the gradiometer was positioned at the end of a 2.75-meter pole which protruded from the bow of *Flounder*. Precautions were also taken to protect the sensitive instrumentation from the water, which might otherwise lead to damage. Along routes oriented roughly northeast to southwest, the ship made over ten overlapping passes through the Basin, with a series of chirps



Students learning about the setup of the sidescan sonar with Doctor Nathan Richards (Photo by Allyson Ropp)

indicating the relative presence or dearth of ferrous material.

Data from both the outer edge of the graveyard and the Burning Basin continues to be processed with results forthcoming. This field school would not have been possible without the support of many contributors, including

the NOAA Mallows Bay-Potomac River National Marine Sanctuary, the Maryland Historical Trust, and the Recreation, Parks, and Tourism department of Charles County, Maryland. The field school was made possible thanks to a grant from NOAA's Mallows Bay-Potomac River National Marine Sanctuary (MPNMS) through a grant from Cardinal Point Captains, Incorporated, with additional funds provided by the Program in Maritime Studies. Specifically, the field school team wants to thank MPNMS superintendent Sammy Orlando and research, resource protection, and permit coordinator Tane Casserley (MA '05). The project was carried out under Maryland Historical Trust permits #202401 and #202402. 🐟

— Don Swanbeck



View from the shoreline of students and faculty conducting survey of the Burning Basin (Photo by Ian Shoemaker)

# Ahoy Mates! Welcome to ECU

## New MA Students in the Program in Maritime Studies

**Harley Drange** is a 2022 graduate of Loyola Marymount University where he earned a BA in Classics and archaeology and a minor in history. Since an early age, he has had a passion for history, which has solidified into a love for archaeology. He has been involved in field work for three seasons in Utah and two seasons in Tuscany, Italy. His interest in maritime archaeology spawned from his time in Italy where he worked on a coastal villa that produced garum and shipped down the coast to Rome. More recently, he worked CRM for the Gabrieliño Kizh tribe in Los Angeles. His hobbies include hiking, swimming, road trips, playing video games, and spending time with his fiancée.

**Christian Gunter** grew up in North Georgia and lived there until he joined the Air Force at 20. He spent the next 6 years in the Air Force with most of those being at Travis AFB in California. When he got out of the Air Force at the end of 2022 he moved to Western Australia and spent the next year and a half traveling in Southeast Asia. He graduated from Southern New Hampshire University with a degree in history. Christian is also a National Association of Underwater Instructors (NAUI) certified instructor and technical diver. He is excited to combine his passions for history and the ocean while at ECU.

**Brylee Huber** is a first-year student in the Maritime Studies program. She grew up on a farm near Kansas City and graduated with a BA in Anthropology from the University of Arkansas. While working for a terrestrial field school, she helped to uncover a historic pottery kiln site. She has spent the last year splitting her time between working in a paleoethnobotany lab and cataloging artifacts at the Arkansas Archaeological Survey. Her research interests include maritime trade history, piracy, whaling, and ethnobiology. She has traveled to Ireland, England, and Greece, where she hiked the tallest mountain, stayed in a seaside village, and sailed to a volcano, respectively. When at home, she is writing, playing video games, or petting her cats, Pumpkin and Loomis.

**Rebecca Kelley** is a graduate student in the Maritime Studies program. After a bit of a circuitous route through



First-year maritime students gathered outside of the Brewster Building. From left to right, back row: Ethan Whiten, Jacob Thomas, Liam O'Brien, Harley Drange, Keegan Maxheimer, Brylee Huber, Ian Rickett. Front row: Christian Gunter, Michael J. Lee, Kelly Welton, Anja Schwieterman, Melanie Simmons, Krysta Rogers (Photo by David Stewart)

college, including a three-year stint as an International Studies major and a detour through paramedic school, she most recently graduated with a Bachelor's degree in History from University of North Carolina at Asheville. During her time at UNCA she gained an appreciation for multi-perspective historical narratives, as well as public and digital history through working as an undergraduate research fellow with the 828 Digital Archives for Historical Equity's African American Churches and Cemeteries Initiative. Her additional research interests include historical climatology, maritime meteorology, polar exploration in the Age of Sail, and conservation work. Outside of class, she enjoys spending time with her horses and cat, reading, gardening, and being outdoors.

**Michael J. Lee** is a current graduate student in the Maritime Studies program at East Carolina University (ECU). A native of California, he graduated from the University of California Los Angeles (UCLA) with a BA in History and a minor in English Literature. He received his Juris Doctor from UCLA's School of Law in 2005 and, after fifteen years as a practicing attorney, decided to pursue his lifelong interest in archaeology. He has volunteered at archaeological digs at Grand St. Bernard in Switzerland, Tel Megiddo in Israel, and Vindolanda Roman Fort in Great Britain. Prior to enrolling at ECU, he attended the Balkan Heritage Foundation's underwater field school in Nessebar, Bulgaria. His

interests include the archaeology of the Mediterranean, and the maritime histories of Colonial America and the United States Civil War. In addition to being trained as a field excavator, he hopes to prepare a comprehensive survey of laws and regulations governing maritime cultural property in the United States and contribute to a legal field guide for future practitioners.

**Keegan Maxheimer** is a first-year student in the Maritime Studies program at ECU. He was born and raised in Central Illinois. He received his undergraduate degree in Maritime Studies at the University of West Florida. He has done excavations of the 16th-century failed Spanish settlement of Don Tristan de Luna in Pensacola, Florida. He has also dived on different shipwrecks scattered around the Pensacola area. His academic interests include 16th-18th century piracy, the British Empire and colonization, as well as the American Civil War and Irish history. Outside of school, Keegan enjoys reading, watching movies, and exploring anywhere he can.

**Liam O'Brien** is an incoming first year Maritime Studies MA student from Pensacola, Florida. He comes from a US Navy family who has members that have served or are serving in both sea and air. This is what started his love for Maritime history. Liam earned his bachelor's degree in history from Florida State University in Tallahassee, Florida. Areas of specialty



and interest for Liam are Colonial History, (i.e., The New World, its colonies and naval presence and influence, Seven Years War, etc.), and 19th- 20th century US naval history. His interests outside history are reading, sailing, and cooking.

**Ian Ricket** graduated with a BS in Archaeology with a minor in history and photography from the University of Wisconsin La-Crosse in 2024. He is originally from Villa Park, IL and became interested in maritime archeology at an early age while learning about the discovery of *RMS Titanic* and the history of the ship. Since then, he has had great interest in archaeology and maritime archaeology. Some research interests of his include using photogrammetry to monitor the sites in situ, shipwreck archaeology, and the conservation of artifacts. This past summer he worked on an archaeological project in northern part of Serbia in a small town of Rabe. In Rabe he was able to assist with excavations, opening a test unit, and complete artifact and site photography for the project. Some of his other hobbies are reading, exploring, photography, and being with family and friends.

**Krysta Rogers** is a first-year graduate student in the Maritime Studies Program. Originally from the Chicago suburbs, she moved to North Carolina in 2017 for her undergraduate degree and graduated from North Carolina State University in 2021 with a BS in Biology and a minor in Anthropology. She first became interested in the program during her last semester of undergraduate study when she completed ECU's scientific diving course as a visiting student. However, she took some time to gain work experience in the following years and was once again inspired to consider a masters in maritime archaeology when Mark Keusenkothen reached out to her to invite her to the Antigua summer 2023 field school. Participating in the field school gave Krysta insight as to how she could combine her background in biology and marine science with a passion for archaeology. She is interested in looking at how shipwrecks and shipwreck conservation interact with ecology.

**Anja Schwieterman** is a first year Maritime Studies student. She grew up in Maine, primarily living in Portland. She got her BA in history from Boston College where she helped found the History Club. She served as vice president her senior year. She spent three years taking a career break by working at the University of New England in the bookstore and then as a sterilization assistant in the dental school. She has always had a passion for maritime history, specifically *RMS Titanic*. Her specific interests include preservation, museum curation, and early 20th century ships. Other hobbies include anime, cosplay, and spending time with her sister and cat, Elrond.

**Melanie Simmons** is a first-year graduate student for the Maritime Studies program at ECU. She was raised in Kansas and in the Texas Hill Country. Melanie graduated from the University of North Texas with a BA in History with a focus on European history and a BA in Anthropology with focuses on Cultural Anthropology and Social Justice. A few of her research interests include naval warfare during WWII, the impacts of cultural contact through ships around the world, and seafaring societies of the past and present. In her time outside of academia and work, Melanie likes to hike and explore nearby museums and bookstores.

**Jacob Thomas** is from Kitty Hawk, North Carolina. He is a first year Maritime Studies student and a Graduate Assistant for the History Department. He graduated from the University of North Carolina at Chapel Hill in 2024 with a BA in History and a minor in African, African American and Diaspora studies. Initially beginning his undergraduate career with his sights set on law school he began shifting gears during his sophomore year to a broader study of History and the North Carolina coast. This change of interests culminated in a summer internship with the North Carolina Coastal Federation as the organization's coastal policy intern, where he spearheaded an investigation into local realty companies' sustainability practices and the potential impacts to the Outer Banks' beaches.

Through a former professor he learned of the Maritime Studies program here at ECU, and after seeing an opportunity to combine his lifelong passion for history with his love of all things water related it was an easy decision to pursue the program. His research interests broadly encompass the Age of Sail, Atlantic piracy, the ancient Mediterranean world, and impacts and afterlife of colonialism from the Caribbean up the Eastern seaboard.

**Kelly Welton (Kel)** is originally from Evergreen, Colorado. She received a BS in Biochemistry, with a minor in Biological Anthropology, followed by a MS in Toxicology from Colorado State University in 2017 and 2019, respectively. She then spent the next several years working as a Forensic Chemist and Crime Scene Investigator at the Wyoming State Crime Laboratory. A longtime student of history and an avid scuba diver, Kel decided to change careers and pursue maritime archaeology. Her research interests include the conservation and preservation of artefacts retrieved from underwater sites, conflict archaeology, and the Age of Sail in the Pacific. In her free time, Kel enjoys being outdoors, pursuing amateur astronomy, and practicing tai chi.

**Ethan Whiten** is originally from Taylors, SC. He is a first-year graduate student in the Maritime Studies program. Ethan graduated from Coastal Carolina University with a BA in History and a Certificate in Applied Archaeology. He has worked on the Laurel Hill Plantation site in Murrells Inlet, SC along with various shipwrecks in Charleston, SC. He has also accompanied James D. Spirek, South Carolinas State Underwater Archaeologist (MA '93) on a magnetometer survey looking for the "*De Ayllon Wreck*" off the coast of Georgetown, SC. His current research interests are shipwrecks from the 19th-20th centuries, as well as the preservation of shipwrecks and cultural heritage sites. Ethan hopes to start his own contracting business to ensure that historical wrecks and cultural heritage sites are not damaged during construction or work taking place near those locations. 🛖

# From the Field - Fall Field School: A Return to Mallows Bay

Starting in late August, the second-year maritime students embarked on their fall field school, returning to NOAA's Mallows Bay-Potomac River National Marine Sanctuary (MPNMS). Located along the Potomac River in Maryland, the sanctuary has become the final resting place for over a hundred vessels, including many from the World War I-era Emergency Fleet Corporation (EFC). Led by Dr. Nathan Richards and Dr. Lynn Harris, with assistance from Staff Archaeologist Jeremy Borrelli, Dive Safety Officer Mark Keusenkothen, and PhD student Allyson Ropp (Integrated Coastal Studies), the field school provided an opportunity for students to explore and document the sanctuary's underwater cultural resources.

The field school began with a mix of excitement and a little trepidation among the students, knowing the weeks ahead would be both challenging and rewarding. The initial days at Mallows Bay were spent snorkeling, and familiarizing themselves with the site and what would lay in the days ahead. The primary vessels of focus were *North Bend*, a Hough-type vessel that is the second most common vessel type in the sanctuary, and a return to *Aowa*, which was central to Allyson Ropp's doctoral research. *North Bend* was recorded using traditional archaeological methods like baseline offset mapping and trilateration were used. Partner groups were formed, each tasked with mapping structural features in assigned four by seven-meter units, either on the port or starboard side of the baseline. Most of the work on *North Bend* was done standing or using snorkels, with diving was reserved for a more detailed examination of the stern section and frequently utilized during sampling. Once the traditional methods were finished both

*Aowa* and *North Bend* were recorded with a Real Time Kinematic (RTK) system, which allows for both location and elevation to be recorded.

In addition to *North Bend*, the students turned their attention to *Aowa*, collecting sediment, biofilm, and wood samples, as well as using Resistograph drills on both vessels to measure wood density and assess areas of decay. During the latter half of the project, post-fieldwork nights and field days cancelled by inclement weather became occasions to work on the drafting of *North Bend*. The drafting process resulted in large scale drawings and presented a fantastic opportunity to gain experience in working with vessels of this size and scale.

The remote sensing component of the field school was a significant addition to the traditional archaeological techniques employed. The students conducted a sidescan sonar and gradiometric survey of the Burning Basin and adjacent areas (read more in Swanbeck's *Sidescan Sonar and Gradiometric Surveys of Mallows Bay and the Burning Basin*). These surveys allowed them to locate and assess submerged features not visible to the naked eye, adding an extra dimension to the fieldwork. Additionally, the students also carried out rapid assessments of nine more wreck sites within the sanctuary, these sites were not previously identified on previous surveys giving them the chance to practice efficient documentation techniques under real-world conditions and the results of this documentation will be presented later this year. These rapid assessments were challenging and for some included bushwacking through dense brush but crucial for developing the ability to work quickly and accurately—skills that are essential for a working archaeologist. The results of these rapid assessments will be presented during a symposium hosted both in person and virtually so that project and community partners can hear about the results of the field school. During the last week of the field school students were given an opportunity to attend the Sanctuary Advisory Council Meeting (SAC) for the MPNMS. During this meeting Dr. Richards presented some preliminary results and findings and the students were able to have a chance to interact with both the



Jim Fowler and Armani Gibbs mapping *North Bend* (Photo by Lynn Harris)

Sanctuary Advisory Council and the public.

This field school would not have been possible without the support of many contributors, including the NOAA Mallows Bay-Potomac River National Marine Sanctuary, the Maryland Historical Trust, and the Recreation, Parks, and Tourism department of Charles County, Maryland. The field school was made possible thanks to a grant from NOAA's Mallows Bay-Potomac River National Marine Sanctuary (MPNMS) through a grant from Cardinal Point Captains, Incorporated, with additional funds provided by the Program in Maritime Studies. Specifically, the field school team wishes to thank MPNMS superintendent Sammy Orlando and research, resource protection, and permit coordinator Tane Casserley (MA '05). The project was carried out under Maryland Historical Trust permits #202401 and #202402 and could not have been completed without the support of Dr. Susan Langley, Stephanie Soder (MA '19), and staff. The field school also is grateful for help provided by Carl Sharp from Charles County Recreation, Parks, and Tourism. 🐢

— Ian Shoemaker



Students conducting resistograph sampling on *Aowa* (Photo by Jeremy Borrelli)



Fall field school students and faculty (Photo by Jeremy Borrelli)



# *In Memory of Dr. Bradley Rodgers*

(January 22, 1955-October 24, 2024)



Dr. Bradley A. Rodgers diving the site of Ivanhoe, Kaua'i, Hawai'i, 2007 (Program in Maritime Studies)

Dr. Bradley Alan Rodgers passed away unexpectedly and peacefully at age 69 in his home in Greenville, North Carolina on October 24, 2024. Brad was born on January 22, 1955, in Des Moines, Iowa and grew up in Green Bay, Wisconsin. Dr. Rodgers earned a Bachelor of Arts degree (Anthropology/Archaeology) from the University of Minnesota, Minneapolis in 1979. Combining his love of archeology and water, he pursued a Master of Arts in Maritime Studies from East Carolina University in 1985 and completed his doctorate in Maritime Studies from the Union Institute in 1993. Along the way Brad became an experienced scuba diver and licensed captain and embarked on a life on and under the sea.

Dr. Rodgers became a widely published and respected author in maritime history, underwater archaeology, and artifact conservation. He was one of the earliest graduates of the Program in Maritime Studies at East Carolina University and would go on to hold every position in the program including staff archaeologist (1986-1993) and all ranks professor (1991-2018), while concurrently serving as program director (2012-2018). Dr. Rodgers was awarded the status of Emeritus Professor in the Department of History upon his retirement. From the late 1980s, in addition to writing dozens of articles, chapters, reports, and reviews (sole- and co-authored), he obtained many grants and contracts, and published three major monographs, *Guardian of the Great Lakes: The U.S. Paddle Frigate Michigan* (Ann Arbor, University of Michigan Press, 1996, winner of the Cleveland State Great Lakes History Prize Award), *The Archaeologist's Manual for Conservation: A Guide to Non-Toxic, Minimal Intervention Artifact Stabilization* (Kluwer Academic, New York, 2004, translated into other languages), and co-authoring *The Steamboat Montana and the Opening of the West: History, Excavation, and Architecture* (University Press of Florida, 2008).

Brad's research projects in rivers, lakes, and oceans brought him and his students to many far-flung places around the world from the Great Lakes to the Caribbean, to Bermuda, to Hawaii, and to Midway Island in the Pacific. Brad was especially known for his passionate interest and expertise in the maritime history and archaeology of the Great Lakes, and he was an innovator in the development of techniques for recording underwater cultural heritage sites in difficult environmental conditions, especially in restricted visibility settings. One of Brad's final book projects was to be *Ice Water Mansions*, an account of Great Lakes ship construction told through his ground-breaking shipwreck research.

Over his decades as an educator, Professor Rodgers taught a wide variety of courses within East Carolina University's history and maritime studies curriculum and directed many successful field projects. His interests and specialties were American maritime history since 1815, ship construction (antiquity to the present), archaeological conservation, material culture analysis, and wreck site surveys with detailed analysis. He was known as a gifted archaeological illustrator, ship model builder, and archaeological conservator. Today's Maritime Studies Program proudly houses the "Professor Bradley A. Rodgers Ship Model Collection" comprised of archaeological ship models constructed by him and his students.

Brad was a mentor to many students, young scholars, and faculty including being the advisor for over forty graduate theses and serving on at least eighty others. He was rightly proud of the work and the careers of his students – having set so many up on trajectories of success as archaeologists, historians, and museum professionals. Many of his past students went on to become his colleagues, collaborators, and friends. The legacy of Dr. Rodgers' willingness to share his knowledge and talents is seen in the work of many present-day underwater archaeologists, who have built upon a foundation shaped by his great enthusiasm, intellect, and physical energy. 🌊

# Where are our Maritimers now?

## A

**Jack Augustus Adamson (2020)** – Maritime Archaeologist, US Army Corps of Engineers, Fort Worth District, TX

**Hoyt L. Alexander (2018)** –

**James Allan (1987) PhD** – Executive Director, Institute for Western Maritime Archaeology, Stockton, CA; Principal Cultural Resources Specialist at Aspen Environmental Group

**Evguenia Anichtchenko (2004)** – Historian, Alaska Office of History and Archaeology, Anchorage, AK. Executive Director Sitka Maritime Heritage Society Inc., Sitka, Alaska

**Ray Ashley (1996) PhD** – President and CEO, San Diego Maritime Museum and Professor of Public History, University of California at San Diego, CA

**Melissa Ashmore (2012)** – Inventory Specialist, Cabela's; Volunteer Specialist, Antelope Island State Park, Syracuse, UT

**Paul Avery (1998)** – Residing in San Antonio, TX

**Monica Ayhens-Madon (2009)** – Ubuntu Community Representative at Canonical, Marietta, GA

## B

**Nicholas Baker (2024)** –

**Tyler Woodson Ball (2019)** – Staff Archaeologist, Fairfax County, Virginia

**Miguel Barbery (2020)** – Foreign Service Officer, U.S. Department of State, Guayaquil, Ecuador

**David Baumer (1991)** – Residing in Virginia Beach, VA

**Dina Bazzill (2007)** – Vice President of Cultural Resources and Tribal Coordinator, Environmental Corporation of America, Alpharetta, GA

**David Beard (1989)** – Semi-Retired Antique and Vintage Arms Dealer, Clinton, AR

**Nadine (Kopp) Beaudoin (2012)** – Matrix Heritage, Partner and Senior Archaeologist, Ottawa, ON

**Sam Belcher (2002)** – Medical Technologist, Saint Claire Regional Hospital, Morehead, KY

**Daniel J. Bera (2015)** – Associate Registrar for Loans, Curator Branch, Naval History and Heritage Command, Washington, DC

**Emily Powell Bera (2017)** – Curator, National Museum of the United States Navy, Washington, DC

**Samantha Bernard (2020)** – Historic Preservation Specialist, FEMA Headquarters, Chesapeake, VA

**Kathryn Bequette (1992)** – Director, Maritime Archaeology and Research, OELS, Westminster, CO; consultant with Denver Ocean Journey Aquarium

**Jemison Beshears (2001)** – Antique firearms specialist, Greg Martin Auctions, San Francisco, CA

**Jacob Betz (2004) PhD** – Postdoctoral Fellow, University of Chicago, Chicago, IL

**Saxon Bisbee (2012)** – Collections Care Project Manager, Northwest Railway Museum, Snoqualmie, WA

**Samuel Blake (2006)** – Archaeologist, South-eastern Archaeological Research, Inc., Jacksonville, NC

**Jeremy R. Borrelli (2015)** – Staff Archaeologist, Program in Maritime Studies, East Carolina University, Greenville, NC

**Charles S. Bowdoin (2016)** – Manager, Department of Sanitation, Derry, ME

**Jeffrey Bowdoin (2012)** – Curator Branch Head, Naval History and Heritage Command, Washington, DC

**Patrick Boyle (2022)** – PhD student, Nautical Archaeology Program, Texas A&M University, College Station, TX

**Ryan J. Bradley (2015)** – Diving Safety Officer, Diving and Water Safety, East Carolina University, Greenville, NC

**Matthew Brenckle (2004)** – Matt Brenckle Hats, Hand-crafted hats from the 17th-19th centuries

**John Bright (2012)** – Owner, JBH Offshore, Alpena, MI

**Baylus C. Brooks (2016)** – Poseidon Historical Publications, O'Brien, FL

**Dan Brown (2013)** – Program Analyst, Cowan & Associates, Hanover, MD

**Dorothy (Sprague) Brown (2018)** – Program Presenter at Carnegie Science Center, USS *Requin* (SS-481), Pittsburgh, PA

**Robert Browning (1980) PhD** – Retired Historian, United States Coast Guard, Washington, DC

**Katrina Bunyard (2019)** – Historian, Defense POW/MIA Accounting Agency, Honolulu, HI

**Darryl Byrd (1998)** – Residing in Linthicum Heights, MD

## C

**Amber Cabading (2022)** – Underwater Archaeologist, AECOM Technical Services, Inc., Columbia, SC

**Tyler Martin Caldwell (2019)** – Hydrographic Technician, Cardinal Point Captains, Inc., Greenville, NC

**Peter Campbell (2009) PhD** – Lecturer, Cranfield University, United Kingdom

**Frank Cantelas (1995)** – Senior Advisor to Science and Technology Division, NOAA Office of Ocean Exploration and Research, Silver Spring, MD

**Jodi Carpenter (2007)** – Archaeologist, FEMA, Bradenton, FL

**Elise Carroll (2018)** – Conservator, *Queen Anne's Revenge* Conservation Lab, Greenville, NC

**Chris Cartellone (2003) PhD** – Maritime Data Analyst, SEARCH, Inc., Monrovia, MD

**Tane Casserley (2005)** – Resource Protection and Permit Coordinator, NOAA's Monitor National Marine Sanctuary, Newport News, VA

**Joe Cato (2003)** – Residing in Raleigh, NC

**Lauren Christian (2017)** – Archaeologist, New South Associates, Columbia, SC

**Robert Church (2001)** – Senior Marine Archaeologist, Oceaneering International Inc., Lafayette, LA

**Brian T. Clayton (2005)** –

**Katherine L. Clevenger (2017)** – Program Archaeologist, Yosemite National Park, El Portal, CA

**Kaitlin Clothier (2016)** – Online English Teacher at VIPKid, North Bethesda, MD

**Wendy Coble (1998)** – Agency Disinterment Manager, Plans and Policy Division, Defense POW MIA Accounting Agency, Arlington, VA

**Patrick Cole (1993)** – Writer, Barcelona, Spain

**Edwin Combs (1996) PhD** – Engineer, Aberdeen Carolina & Western Railway, Candor, NC

**Michael Coogan (1996)** – Manager, Strategic Communications, Leidos, Fairfax, VA

**Amy (Mitchell) Cook (1994) PhD** – Professor of History, University of West Florida, Pensacola, FL

**Joel Cook (2021)** – DPAA Research Partner Fellow, East Carolina University, Greenville, NC

**David Cooper (1998)** – Branch Chief, Cultural Resources, Apostle Island National Lakeshore, Bayfield, WI

**Diane Cooper (1995)** – Museum Technician, San Francisco Maritime National Historical Park and Curator, USS *Pampanito*, San Francisco, CA

**Kathryn L. Cooper (2014)** – Owner, Mattie Groves Brewery, Sacramento, CA

**Annalies Corbin (1995) PhD** – President & CEO, PAST Foundation, Columbus, OH

**Lee Cox (1985)** – Director, Dolan Research, Inc., Newtown Square, PA

**Sean Cox (2019)** – Farmer

**Stephanie Croatt (2013)** – Deputy Region Director for West Texas, Seminole Canyon State Park and Historic Site, Comstock, TX

## D

**Michelle Damian (2010) PhD** – Assistant Professor, Department of History, University of Wisconsin-Whitewater, Whitewater, WI



**Claire Dappert (2005) PhD** – Historic Research Archaeologist, Illinois State Archaeological Survey, Prairie Research Institute, University of Illinois, Urbana-Champaign, IL

**Kara Davis (2015)** – SeaPerch Program. University of Southern Mississippi's Gulf Coast Research Lab Marine Education Center, Ocean Springs, MS

**James P. Delgado (1986) PhD** – Senior Vice President, SEARCH, Inc., Jacksonville, FL

**Nicholas DeLong (2015)** – Maritime Archaeologist, Clemson University Restoration Institute, Warren Lasch Conservation Center, North Charleston, SC

**Alena Derby (2002)** – Pilates Instructor and Personal Trainer, Body Mind Movement, Nyack NY

**John Detlie (2023)** – South Dakota

**Robert Dickens (1998)** – Doctor of Veterinary Medicine, USDA, Cary, NC

**Stephen Dilk (2012)** – Contract Archaeologist, Colorado and Wyoming

**Anna D'Jernes (2020)** – Underwater Archaeologist, SNA International, Honolulu, HI

**Jeff DiPrizito (2001)** – High School teacher, Hudson, NH

**Brian Diveley (2008)** – Senior Archaeologist, CH2M HILL, Seattle, WA

**Tricia Dodds (2009)** – Senior Environmental Specialist, Cultural Resources, Southern California Gas Company, Los Angeles, CA

**Andrianna Dowell (2019)** – Communications Manager, National Ocean Protection Coalition

**Lydia Downs (2022)** – Collections Assistant and Deaccession Specialist, Mystic Seaport Museum, Mystic, CT

**Stan Duncan (1994)** – Regional Sales Consultant, NUS Consulting Group, Inc., Oak Ridge, TN

**Kelsey Dwyer (2020)** – Administrative Support Specialist, Interdisciplinary Program in Biology, Biomedicine and Chemistry and the National Science Foundation Research Traineeship Program administered through the Water Resources Center, East Carolina University, Greenville, NC



**Jeremy Eamick (2015)** – Retired, Raleigh, NC

**Bethany Earley (2020)** –

**Justin R. Edwards (2015)** – History Teacher, Riverside High School; Adjunct Instructor, Martin Community College, Williamston, NC

**Rita Folse Elliott (1988)** – Education Coordinator & Research Associate, The LAMAR Institute, Savannah, GA

**Kendra Ellis (2024)** – Underwater Archaeologist, South Carolina Institute of Archaeology and Anthropology, Columbia, SC

**Madiston Elsner (2024)** – Historic Preservation Specialist, FEMA/Homeland Security

**Scott Emory (2000)** – Senior Project Archaeologist Trileaf Corporation, Whitehall, MD

**Jeff Enright (1999)** – Senior Project Manager, Offshore Wind Sector Leader, SEARCH, Pensacola, FL

**Edward Erhart (2019)** – Content Strategist, Wikimedia Foundation, Milwaukee, WI



**Sabrina S. Faber (1996)** – Country Director, Amideast

**Dominic Fargnoli (2023)** – GIS Developer, Raleigh, NC

**Kim (Eslinger) Faulk (2005)** – Principal, Sr Maribe Archaeologist, GEMS, A Geosyntec Company, Houston, TX

**David Fictum (2015)** – Burlington, Wisconsin

**Hannah (Piner) Fleming (2017)** – Team Lead, Partnerships and Innovations Directorate, Defense POW/MIA Accounting Agency (Contractor), Williamsburg, VA

**Patrick Fleming (1998)** – Raleigh, NC

**Richard Fontanez, MD (2001)** – Medical Director, Healogs, Inc., Ocala, FL

**Paul Fontenoy (1995) PhD** – Editor, *Nautical Research Journal*; Administrator, Council of American Maritime Museums; Retired Curator, North Carolina Maritime Museums System, residing in Albuquerque, NM

**Chris E. Fonvielle, Jr. (1987) PhD** – Professor Emeritus, UNC-Wilmington, Wilmington, NC

**Kevin Foster (1991)** – Retired, Washington, DC

**Chelsea R. Freeland (2014)** – Research Fellow, Program in Maritime Studies, East Carolina University, Asheville, NC

**Mitchell Freitas (2017)** – Petty Officer Second Class, United States Navy

**Kristina J. Fricker (2019)** – Historic Preservation Specialist, FEMA, U.S. Virgin Islands

**Joe Friday (1988)** – Retired Sergeant, Greenville Police Department, Greenville, NC

**Adam Friedman (2008) PhD** – Director of Research and Development, Atom Bioworks, Inc., Cary, NC

**Don Froning (2007)** – Archaeologist, Scientific Consultant Services, Inc., Honolulu, HI; Lecturer, Windward Community College, Kaneohe, HI

**Olivia (Thomas) Fuller (2017)** – PhD student, Texas A&M University, College Station, TX



**Stephanie Gandulla (2014)** – Resource Protection Coordinator, Maritime Archaeologist, Thunder Bay National Marine Sanctuary, Alpena, MI

**Veronica Garrett (2008)** – Veronica Garrett Bookkeeping, Windham, ME

**Paul Willard Gates (2019)** – Lab and Project Manager, Archaeology & Research, Lake Champlain Maritime Museum, Vergennes, VT

**Kate Goodall (2003)** – Founder and Managing Partner, Halcyon Venture Partners, Washington, DC

**Amy (Rubenstein) Gottschamer (1995)** – Real estate broker, Santa Fe, NM, and Lawrence, KS

**Jeff Gray (1998)** – Superintendent, NOAA Thunder Bay National Marine Sanctuary, Alpena, MI

**Joe Greeley (2000)** –

**Cathy (Fach) Green (2003)** – President, National Maritime Historical Society, Manitowoc, WI

**Russ Green (2002)** – Superintendent, NOAA's Wisconsin Shipwreck Coast National Marine Sanctuary, Sheboygan WI

**Jeffrey Groszkowski (2007)** – Firefighter/Apparatus Operator, New Hanover County Fire Services, Wilmington, NC



**Stephen Hammack (2007)** – DPhil candidate, Institute of Archaeology/ St. Cross College, University of Oxford, UK

**Phil Hartmeyer (2014)** – Marine Archaeologist at NOAA Ocean Exploration, Silver Spring, MD

**Lynn B. Harris (1988) PhD** – Professor, East Carolina University, Greenville, NC

**Margaret Harris (2004)** – Southern California

**Ryan Harris (2006)** – Underwater Archaeologist III, Parks Canada, Ottawa, Ontario, Canada

**Ian P. Harrison (2019)** – PhD student, Public History, North Carolina State University, Raleigh, NC

**Heather Hatch (2006) PhD** – Collections Manager, Museum of Ontario Archaeology, London, Ontario, Canada

**Chelsea Hauck (2016)** – Yoga instructor, Bluebird Yoga, Mystic, CT

**Jeanette (Moore) Hayman (2011)** – Owner, Sunrover Dog Daycare, Bend, OR

**Ian Hazel (2016)** – Pittsburgh, PA

**Patrick F. Herman (2017)** – Senior Advisor, Amazon, Seattle, WA

**Jacquelyn Hewett (2022)** – Residing in Mount Airy, NC

**Theresa Hicks (2012)** – Inland Seas Institute, Washington, DC

**Robert Holcombe (1993)** – Retired, Naval Historian and Curator, Port Columbus Civil War Naval Center, Columbus, GA

**Michaela Hoots (2024)** – Galatia, Illinois

**Thomas W. Horn (2014)** – Training Specialist, NOAA Diving Center, Seattle, WA

**Trevor Harrison Hough (2018)** – Archaeologist, SWCA Environmental Consultants

**Bernard James Howard (2016)** – Tribal Coordinator, BOEM, Washington, DC

**Joshua Howard (2004)** – Independent Researcher, Portland, OR

**Robin (Croskery) Howard (2016)** – Senior Objects Conservator, Happy Narwhal, Washington, DC

**Nathaniel Howe (2011)** – Executive Director, Puget Sound Maritime and Chief Archaeologist, Cutwater Maritime and the Historic Sail Research Project, Seattle, WA

**Joseph Hoyt (2008)** – NOAA Diving Program Manager, NOAA's Office of Marine and Aviation Operations, Washington, DC

**Michael D. Hughes (2003)** – Senior Cybersecurity Manager, SAIC, Washington, DC

**George Martin Huss II (2019)** – Associate Archaeologist, Chronicle Heritage, Richmond, VA

*J*

**Claude V. Jackson (1991)** – Museum Curator, St. Louis, MO

**Trip Jakeman (2020)** – Officer Candidate for Naval Aviation, U.S. Navy, Seneca, SC

**Tiffany (Pecoraro) James (2007)** – Vice President of Project Development and Government Relations, Magnum Energy, Salt Lake City, UT

**Brian Jaeschke (2003)** – Curator of Collections, Mackinac Island State Park Commission, Mackinac Island, MI

**John O. Jensen (1992) PhD** – Associate Professor, Department of History, University of West Florida, Pensacola, FL

**Doug Jones (2007)** – Gulf of Mexico Regional Tribal Liaison, Bureau of Safety and Environmental Enforcement (BSEE), New Orleans, LA

**Jennifer Jones (2012) PhD** – University Program Specialist, Office of Economic and Community Engagement, East Carolina University, Greenville, NC

**Rick Jones (1996)** – Building Contractor, Morehead City, NC

*K*

**John Kennington (1995)** – Communications Officer, Campus Services, Georgia Institute of Technology, Atlanta, GA

**Sara C. Kerfoot (2015)** – East Zone Archaeologist, Superior National Forest, Tofte, MN

**Mark Keusenkothen (2024)** – Director, Diving and Water Safety Office, East Carolina University, Greenville, NC

**Nathaniel Robert King (2018)** – Archaeologist, US Department of Agriculture-Natural Resources Conservation Service (NRCS), Bangor, ME

**James Michael Kinsella IV (2018)** – Project Manager; VILT Development & Delivery Manager, Belgrade, MO

**Kurt Knoerl (1994) PhD** – Associate Professor, Department of History, Georgia Southern University, Armstrong Campus, Savannah, GA

**Janie Rose Knutson (2018)** – District Archaeologist, Black Hills National Forest, Mystic Ranger District, Rapid City, SD

**Michael Krivor (1998)** – Principal, RECON Offshore, Pensacola, FL

**David Krop (2008)** – Conservation Branch Head, Naval History and Heritage Command, Richmond, VA

*L*

**Stephen Lacey (2019)** – National Park Service Archeologist, Storm Recovery Team, Southeast Regional Office

**Thomas Lacey (2020)** –

**Danielle LaFleur (2003)** – Technical Careers Operations Coordinator, Lansing Community College, Lansing, MI

**Marshall Lamm (2012)** – Curator, North Carolina Baseball Museum, Wilson, NC

**Kamsin Lawrence (2020)** – Operations Manager, Wisconsin Maritime Museum, Manitowoc, WI

**Matthew Lawrence (2003)** – Maritime Archaeologist, Florida Keys National Marine Sanctuary, Key Largo, FL

**Luke Lebras (2021)** – Stonington, Connecticut

**Adam Lehman (2006)** – Associate Professor, Guilford Technical Community College, Climax, NC

**Joseph Thaddeus Lengieza (2016)** – Deputy Director, Flagship Niagara League: Relief Captain *Lettie G Howard*, Erie, PA

**Amy Leuchtmann (2011)** – PhD student, Oregon State University, Corvallis, OR and Maritime Archaeologist, HDR, Inc., Ann Arbor, MI

**Matthew Lowe (2022)** – Maritime Archaeologist, Chronicle Heritage

**Jason Lowris (2000)** –

*M*

**Morgan MacKenzie (2011) MSN, RN** – Outpatient Surgery Center, University of Virginia Health System, Charlottesville, VA

**Jana (Otte) Madden (2014)** – Residing in Aliquippa, PA

**Richard Mannesto (1993)** – Great Lakes Shipwreck Historical Society, Sault Ste. Marie, MI

**Joshua Marano (2012)** – Maritime Archaeologist, South Florida National Parks (Biscayne, Everglades, and Dry Tortugas National Parks); Adjunct Professor, University of Miami Rosenstiel School of Marine and Atmospheric Science, Homestead, FL

**Eleftheria Mantzouka (2004)** – Teacher, Montessori Community School, Durham, NC

**Tom Marcinko (2000)** – South Carolina Department of Natural Resources, Charleston, SC

**Jacqueline Marcotte (2011)** – Residing in Longview, WA

**Elizabeth (Pratt) Marlowe (2017)** – Residing in Severn, MD

**Amy K. Marshall (1996)** – Lead Grants Management Officer/ISDEAA Program Lead, Bureau of Land Management Alaska State Office, Anchorage, AK

**Timothy Marshall (1999)** – Heritage Program Manager, Chugach National Forest, Anchorage, AK

**Ryan Marr (2019)** – Law student, Dickinson Law School, Penn State University, State College, PA

**Deborah Marx (2002)** – Maritime Archaeologist, Key Largo, FL

**Zachary T. Mason (2014)** – Support Scientist/Lead Archivist, NOAA's Coral Reef Information System, University of Maryland, Earth Systems Science Interdisciplinary Center

**Rod Mather (1990) D.Phil** – Professor of Maritime History and Underwater Archaeology, University of Rhode Island, Kingston, RI

**Christopher McCabe (2007)** – Coastal Archaeologist and Supervising GIS Specialist, Applied History Lab, University of Rhode Island, Kingston, RI

**Dylan McCusker (2018)** – Archaeologist, Katadhin Woods and Waters National Monument, Patten, ME

**Peter McCracken (1999)** – Electronic Resources Librarian, Cornell University; Co-Founder and Publisher, ShipIndex.org, Ithaca, NY

**Phillip H. McGuinn (2000)** – Deputy Public Affairs Officer, U.S. Submarine Forces, Norfolk, VA; Naval Reserve Captain, U.S. Northern Command, Colorado Springs, CO

**Tyler McLellan (2020)** – Nautical Archaeologist, DoC Mapping, New Orleans, LA

**Salvatore Mercogliano (1997) PhD** – Chair, Department of History, Criminal Justice and Political Science, Campbell University, Buies Creek, NC; Adjunct Professor, U.S. Merchant Marine Academy; Member of Editorial Board and Trustee of the National Maritime Society; Advisory Member, USS *Monitor*, NOAA National Marine Sanctuary Council; Vice President, North American Society for Oceanic History

**Patrick J. Merrigan (2018)** – Principal Investigator, Dive Safety Officer, SEARCH, Inc., Alexandria, VA

**Ann Merriman (1996) PhD** – Nautical Archaeologist, Maritime Historian, Administrative Director, and Co-Founder, Maritime Heritage Minnesota, St. Paul, MN



**Keith Meverden (2005)** – Conservation Warden, Wisconsin Department of Natural Resources, North Freedom, WI

**Martha Mihich (2018)** – Residing in St. Louis, MO.

**Allison Miller Simonds (2017)** – Historic Preservation Specialist, Federal Emergency Management Agency, Oakland, CA

**David Miller (2005)** – Instructor, Craven Community College, Havelock, NC

**Valerie (Rissel) Mims (2012)** – Marketing Coordinator, Craven Arts Council and Gallery, New Bern, NC

**Robert Minford (2012)** – Risk Manager, Capital One, Richmond, VA

**Ryan W. Miranda (2020)** – Maritime Archaeologist, Army Corps of Engineers, Galveston, TX

**Calvin Mires (2005) PhD** – Research Associate III, Woods Hole Oceanographic Institution; Faculty, Bridgewater State University, Bridgewater, MA

**Mackenzie Mirre Tabeling (2023)** -

**Ivor Mollema (2015)** – Archaeologist, Underwater Archaeology Branch, Naval History and Heritage Command, Washington, DC

**Kimberly E. Monk (2003) PhD** – Adjunct Professor in Historical and Maritime Archaeology, Brock University, St. Catharines, Ontario, Canada

**David Moore (1989)** – Retired from the North Carolina Maritime Museum, Beaufort, NC

**James Moore (2003) PhD** – Marine Archaeologist, Bureau of Ocean Energy Management (BOEM), Sterling, VA

**R. Scott Moore (1992) PhD** – Distinguished University Professor and Chair, Department of History, Indiana University of Pennsylvania, Indiana, PA

**Shawn Holland Moore (1998)** – Retired from East Carolina University, Greenville, NC

**Stuart Morgan (1985)** – Public Information Director, South Carolina Association of Counties, Columbia, SC

**Tyler Morra (2012)** – Senior Operations Analyst at HomeStreet Bank, Seattle, WA

**Jeff Morris (2000)** – Director, Azulmar Research, LLC and Geomar Research, LLC, Port Republic, MD

**John W. (Billy Ray) Morris (1991)** – Former NC Deputy State Archaeologist Underwater and Director U/W Archaeology Branch, Kure Beach, NC



**William Nassif (2020)** – Assistant State Archaeologist, North Carolina Underwater Archaeology Branch, Kure Beach, NC

**Sam Newell (1987)** – Retired from Pitt County Schools, Contract History Consultant, Greenville, NC

**Kevin Nichols (2002) PhD** – Foreign Intelligence Office, Department of Defense and Adjunct Professor, Department of History, Rochester University, Rochester Hills, MI



**Christopher Olson (1997)** – Nautical Archaeologist, Maritime Historian, Operations Director, and Co-Founder, Maritime Heritage Minnesota, St. Paul, MN

**Caleb O'Brien (2022)** – Staff Archaeologist, Cultural Resource Analysts, Inc, Evansville, IN

**Jeffrey B. O'Neill (2016)** – Lead Quality Assurance Analyst, 280first, Greenville, NC

**Deirdre O'Regan (2001)** – Editor, *Sea History*; Vice President National Maritime Historical Society, Pocasset, MA



**Jason Paling (2003) PhD** – Senior Teaching Lecturer, Plymouth State University, NH and Adjunct Professor, SNHU, Suny-Plattsburgh, Rivier, NCC and NHTI. Lithic Specialist for the Holmul and San Bartolo Archaeological Projects, Guatemala.

**Michele Panico (2018)** – Residing in Greensboro, NC

**Adam K. Parker (2015)** – Senior Marine Project Archaeologist, AECOM, Glen Allen, VA

**Sara Mackenzie Parkin (2019)** – Principal Investigator, Edwards-Pitman Environmental, Inc., Atlanta, GA

**Matthew Pawelski (2023)** – State Archaeologist, US Department of Agriculture-Natural Resources Conservation Service, Columbia, SC

**Harry Pecorelli III (2003)** – Principal, Aqua Contractors and Oceanographics, Inc., Charleston, SC

**Martin Peebles (1996)** – ER Nurse, St. Petersburg, FL

**Whitney Petrey (2014)** – Environmental Planner Archaeologist, Caltrans District 1, CA

**Raymond Phipps (2024)** – Historic Preservation Specialist, FEMA/Homeland Security, League City, TX

**Taylor Picard (2022)** – Staff Archaeologist and Archaeological Diver, Lake Champlain Maritime Museum, Vergennes, VT

**Morgan Pierce (2016)** – PhD student (History), University of Pittsburgh, PA.

**Jacqueline Piero (2004)** – Newark, DE

**Andrew Pietruszka (2005) PhD** – Underwater Archaeologist, Coastal Observing R&D Center, Scripps Institution of Oceanography, University of California San Diego, La Jolla, CA

**Mike Plakos (2003)** – Senior Technical Analyst, U.S. Navy, Washington, DC

**Mateusz Polakowski (2016)** – Senior Project Officer, MSDS Marine Ltd., Belper, UK

**Larkin Post (2007)** – Gartley & Dorsky Engineering & Surveying, Camden, ME

**Sarah Milstead Post (2007)** – Permitting Specialist, Gartley & Dorsky Engineering & Surveying, Inc, Owls Head, ME

**Darren Poupore (2004)** – Director of Curatorial and Archives, Biltmore Estate, Asheville, NC

**Sami (Seeb) Powers (2007)** – Branch Manager for Planning and Compliance, Grand Teton National Park, Moose, WY

**Edward Prados (1993)** – Executive Director, Binational Fulbright Commission in Jordan, Amman, Jordan

**Franklin Price (2006)** – Underwater Archaeologist, Bureau of Ocean Energy Management, Tallahassee, FL

**Melissa R. Price (2015)** – Archaeologist III, Diving Safety Officer, Florida Bureau of Archaeological Research, Tallahassee, FL



**Konstantinos Raptis (2024)** – PhD candidate, University of Pennsylvania, Philadelphia, PA

**Coral Rasmussen (1993)** – Archaeologist, NAVFAC FE, Yokosuka, Japan

**John Ratcliffe (2012)** – Underwater Archaeologist, Parks Canada, Ottawa, Canada

**Penelope Ray (2009)** – Director of Exhibit Development, 9/11 Memorial and Museum, New York, NY

**Elise Twohy-Reagan (2020)** – Chief of Education, The Charleston Museum, Charleston, SC

**James R. Reedy, Jr. (1987)** – Contract Archaeologist, Morehead City, NC

**Phillip Reid (1998) PhD** – Maritime Historian and Author, Wilmington, NC

**Alyssa D. Reisner (2017)** –

**Darby Robbins (2022)** – Conservator, Florida Bureau of Archaeological Research, Tallahassee, FL

**William A. Robie, Jr. (1993)** – Residing in Atlantic Beach, NC

**Todd Robinson (1998)** – International Baccalaureate Program History Instructor, James Island Charter High School, Charleston, SC

**Bradley Rodgers (1985) PhD** – Retired, Emeritus Professor, Program in Maritime Studies, Department of History, East Carolina University, Greenville, NC; Senior Scientist and President, Inland Seas Institute

**Jason Rogers (2004) PhD** – Archaeologist, National Park Service, Anchorage, AK

**Katelyn Rollins (2024)** – Marine Archaeologist at Gray & Pape

**Filippo Ronca (2006)** – Senior Underwater Archaeologist, Parks Canada, Ottawa, Ontario, Canada

**Allyson Genevieve Ropp (2016)** – NOAA Dr. Nancy Foster Scholar; PhD Candidate, East Carolina University Integrated Coastal Sciences Program; and NC OSA Historic Preservation Archaeological Specialist, Greenville, NC

**Aja Rose (2017)** -

**B. Scott Rose (2017)** – Laboratories Mechanic II, Department of Geology, East Carolina University, Greenville, NC

**Madeline J. Roth (2018)** – PhD Candidate, East Carolina University Integrated Coastal Sciences Program

**Lindsay (Smith) Rothrock (2010)** – State Cultural Resource Coordinator, Florida Department of Transportation, Tallahassee, FL

**Lauren A. Rotsted (2015)** – Dive Immersion Program Coordinator and Researcher, Georgia Aquarium, Atlanta, GA

**Matthew Russell (1995) PhD** – Archaeology Program Manager at Environmental Science Associates, San Francisco, CA

## S

**Alyssa Saldivar (2024)** – Director of Operations, Wisconsin Maritime Museum, Manitowoc, WI

**Stephen Sanchagrin (2014)** – Edge Engineer, Apple Corporation, Austin TX

**William Sassorossi (2015)** – Marine Archaeologist at Gray & Pape, Richmond, Virginia, United States

**Daniel J. Schaefer (2024)** –

**John Schaefer (1994)** – Schoolteacher, Washington, NC; PhD student, UNC Chapel Hill

**William J. Schilling IV (2017)** – Disability Claims Supervisor, Social Security Administration, Salt Lake City, UT

**James Schmidt (1991)** – Vice President, Maritime Division, R. Christopher Goodwin & Associates, Frederick, MD

**Robert Schneller (1986) PhD** – Historian, Naval History and Heritage Command, Washington DC

**Laura Kate Schnitzer (2012)** – Archaeologist, New South Associates, Georgia Office

**Jillian Schuler (2023)** – Assistant Underwater Archaeologist, Virginia Department of Historic Resources, Richmond, VA and Tale of Two Ships Research Fellow, North Carolina African American Heritage Commission

**Emily Anne Schwalbe (2016) PhD** – Research Fellow, Trinity College Dublin, Dublin, Ireland

**R. Laurel Seaborn (2014)** – Founder, non-profit organization SEAMAH.org (Seafaring Education and Maritime Archaeological Heritage Program) Sailing Captain and Instructor, Florida Keys, FL

**Benjamin Siegel (2011)** – Diebold Fellow and R. Kirk Underhill Fellow, Department of Anthropology, University of California, Berkeley, Berkeley, CA

**Lucas S. Simonds (2014)** – Project Director, International Archaeological Research Institute, Inc., Pittsburg, CA

**Jessica Smeeks (2014)** – Visiting Assistant Professor, SUNY New Paltz, NY

**Joshua Smith (1997) PhD** – Professor, Department of Humanities, U.S. Merchant Marine Academy, & Interim Director, American Merchant Marine Museum, Kings Point, NY

**Patrick Michael Smith (2024)** – Instructor and Course Writer, U.S. Army John F. Kennedy Special Warfare Center and School, Fort Liberty, NC

**Timothy Smith (2020)** - Project Coordinator at the Ancient Egypt and Nubia Galleries at the University of Pennsylvania (the Penn Museum), Philadelphia, PA

**Jon Travis Snyder (2006)** – Middle School Level Lead and Math Instructor, Montessori School of Denver, Denver, CO; Instructor, Guitar Construction, Red Rocks Community College, Lakewood, CO

**Stephanie Soder (2019)** – Research Archaeologist, Maryland Historical Trust, MD

**Chris Southerly (2003)** – State Archaeologist, North Carolina Office of State Archaeology, Raleigh, NC

**Sara Spatafore (2017)** – Adjunct Instructor of History, East Carolina University Department of History, Study Abroad Program, Certaldo, Italy

**James Spirek (1993)** – State Underwater Archaeologist, SC Institute of Archaeology & Anthropology, Columbia, SC

**Joyce Steinmetz (2010)** – Self-employed captain

**Gregory O. Stratton (2015)** – Underwater Archaeologist, Defense POW/MIA Accounting Agency (DPAA), JBPHH, Hawaii

**Sophie Stuart (2018)** – Education and Outreach Specialist/Volunteer Coordinator, Thunder Bay National Marine Sanctuary, Alpena, MI

**Sydney Swierenga (2020)** – Archaeology Technician, Wood, Inc. and SWCA, Okemos, MI

## T

**Mackenzie (Mirre) Tabeling (2023)** – Project Manager, Environmental Corporation of America

**Aleck Tan (2020)** – Archaeologist/GIS Specialist, Pacific Legacy, Arcata, CA

**Bruce Terrell (1988)** – Retired, NOAA National Marine Sanctuaries Maritime Heritage Program; President, Maritime Heritage Chapter of the Archaeological Society of Virginia, Richmond, VA

**William H. Thiesen (1993) PhD** – Atlantic Area Historian, United States Coast Guard, Portsmouth, VA

**Matthew Thompson (2010)** – Maritime Archaeologist/Hydrographic Surveyor, Thompson Maritime Consulting, Lumberton, NC

**Bradley D. Thorson (1982)** –

**Hans Van Tilburg (1995) PhD** – Maritime Heritage Coordinator, NOAA Office of National Marine Sanctuaries, Pacific Islands Region, HI

**Ray Tubby (2000)** – Nautical Archaeologist and GIS Specialist, SEARCH, Inc., Pensacola, FL

**Lex Turner (1999)** – Psychiatric Nurse Practitioner - ECU Health Medical Center, Greenville, NC

**Kenneth Tyndall (1988)** – Residing in New Bern, NC

## U

**Sonia Valencia (2017)** –

**Joshua Vestal (2019)** – Associate Personal Banker, Wells Fargo, New Bern, NC

**Christopher Valvano (2007)** – Archaeologist for the USDA Natural Resources Conservation Service, Lansing, MI

## W

**John Wagner (2010)** – Fitness Supervisor, Montrose Recreation District, Montrose, CO

**Daniel Warren (1998)** – President and Principal Investigator, P&C Scientific, Landrum, SC

**Sarah Waters (1999)** – Program Coordinator, NOAA Great Lakes Bay Watershed Education Training Program, Alpena, MI

**Gordon P. Watts (1975) PhD** – Retired from ECU 2001; Director, Tidewater Atlantic Research and International Institute of Maritime Archaeology, Washington, NC

**Jenna Watts (2000)** – Veterinary Technician, Parkside Animal Health Center, Aurora, CO

**Andrew Weir (2007)** – President, Chronicle Heritage, Traverse City, MI

**Dayan Weller (2024)** – Senior Archaeologist, R3X Group, Inc., Monterey, CA

**Kathy (Southerly) Welliver (2006)** – History Specialist–Costumed Interpreter, Frontier Culture Museum of Virginia, Staunton, VA

**Lindsay Wentzel (2023)** – Research Technician, Oceanography and Marine Hydrokinetic Energy Lab, Coastal Studies Institute, Wanchese, NC

**Wilson West (1985) PhD** – Principal Consultant, WestHall Heritage Research and Consulting, Toronto, Ontario, Canada

**Robert Westrick (2001)** – Senior Marine Archaeologist, Principal Investigator, Coastal Environments, Inc., Baton Rouge, LA

**David Whipple (1993)** – Residing in Alexandria, VA

**Heather White (2004)** – Residing in Greenville, NC



**Scott Whitesides (2003)** – Archaeologist/  
Curator, Golden Spike National Historic Site,  
Brigham City, UT

**Elizabeth Whitfield (2005)** – Owner, TriBella  
Multisport, Denver, CO

**Kimberly Williams (2000)** – Vice President of  
People, Walker Advertising, Torrance, CA

**Stephen Williams (2004)** – Owner, PACC  
Consulting, LLC., Sanibel, FL

**Adriane Askins Wise (2000)** – Command  
Historian, US Army Medical Department Center  
and School, Health Readiness Center of Excellence  
(AMEDDC&S), Joint Base San Antonio - Fort Sam  
Houston, TX

**Nicole Wittig (2013)** – LPN, Guthrie Medical  
Group, Towanda, PA

**Sarah Wolfe (2001)** – Exhibit Registrar, George  
Washington's Mount Vernon, Mount Vernon, VA

**Steve Workman (2002) PhD** – Retired (50  
year PADI instructor), Melbourne, FL

**Annie E. Wright (2018)** – Innovation Specialist,  
Partnerships and Innovations Directorate, Defense  
POW/MIA Accounting Agency (Contractor)

**Jeneva Wright (2015)** – Marine Archaeologist,  
Bureau of Ocean Management, Livingston, MT

**Elizabeth Wyllie (2012)** – Sales Accountant,  
Ferguson Enterprises, Bellevue, WA

Y

**Wilson York (2007)** – Teacher, The Paideia  
School, Atlanta, GA

**Andrea Yoxsimer (2022)** – Resource Protection  
Specialist, Thunder Bay National Marine Sanctuary,  
Alpena, MI

Z

**Caitlin N. Zant (2015)** – Maritime Archaeologist,  
Wisconsin National Marine Sanctuary, Madison, WI

**Trenton Zylstra (2021)** – Maritime  
Archaeologist, R. Christopher Goodwin &  
Associates, Frederick, MD



Summer Field School Brunswick Town, NC (Photo by Ryan Bradley)

## MSA Officers 2024-2025

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Vice President - Ian Shoemaker  
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Historian - Evan Olinger  
Secretary - Nate Wood

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Make a check payable to: Maritime Studies Association,  
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## MARITIME STUDIES GRADUATES!

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