

Madison Eldridge

Education

University of Alabama: 2020-Current (Expected Graduation: May 2024)

Undergraduate Major: Marine Science

Undergraduate Minor: Psychology

Research and Field Experience

University of Alabama Dauphin Island Sea Lab- Dauphin Island, AL

Undergraduate student

May 2022-June 2022

- Assisted Professors and grad students with collecting cartilaginous fish through trawling, gill nets, and long-lining
- Participated in weekly field research opportunities in marsh and ocean ecosystems
- Attended daily lectures and constructed research presentations and papers

University of Alabama Dauphin Island Sea Lab- Dauphin Island, AL

Undergraduate Student

May 2023-August 2023

- Assisted professors with taking sediment cores, tree cores, and marsh sediment samples for lab research projects
- Participated in weekly field research opportunities in marsh, wetland, and ocean ecosystems
- Attended daily lectures and constructed research papers and presentations

University of Alabama Coral Reef Biology and Ecology- San Salvador, Bahamas

Student Researcher

May 2023

- Researched the difference in chlorophyll contents in onshore and offshore turtle grass
- Measured reflectance and absorbance using a spectrometer
- Collected samples of seagrasses

Coastal Marine Education Academy- Clearwater, FL

Student researcher

July 2022

- Researched the population sizes of cartilaginous fish (Elasmobranchs) in Clearwater Florida
- Used long lines and tangle nets to collect cartilaginous fish (Elasmobranchs)
- Measured size, collected genetic samples, sexed, and tagged and released cartilaginous fish (Elasmobranchs)

Work Experience

Farm and Home Supply- Jerseyville, IL

Register Supervisor

August 2018-December 2022

- Responsible for counting cash drawers and filling drawers throughout the shift
- Responsible for training new cashiers
- Restocking and organizing merchandise on shelves
- Providing excellent customer service

Academy Sports and Outdoors

Floor associate

September 2022-April 2023

- Providing Excellent Customer Service
- Organized the apparel department each night before close
- Preformed register duties

Skills

- Data Collection and Analysis
- Tree Coring
- Sediment collection: vibra core, bucket dredge, and Peterson grab
- Sediment core measurements such as texture, porosity, striations, storm deposits, and organic material
- Documenting organismal interactions and identification of coral organisms via snorkeling
- Hydrographic analysis using Niskin bottle and YSI
- Seining for intertidal organisms
- Beach Profiling
- Long lining for Elasmobranchs
- Gill nets and tangle nets for Elasmobranchs
- Identification of shorebirds
- Marsh Habitat evaluation

Outreach

University of Alabama- Beat Auburn Beat Hunger

Presenter

October 2023

- Spoke on the effect of hunger and poverty in West Alabama

Extracurriculars

Alzheimer's Ends Here

Volunteer Chair

August 2020-May 2021

- Participated in the drive to collect money for Alzheimer's research
- Organized volunteer events for the club

The University of Alabama- Beat Auburn Beat Hunger

Member

- **Assistant Team Lead of Outreach-** March 2023-Present
 - Organize a six-week food drive on The University of Alabama's campus and lead the outreach team through tabling and events during the six weeks
- **Director of Events-** March 2022-March 2023
- **Staff Member for Outreach-** August 2021-March 2022

West Alabama Humane Society- Dog House

Volunteer

October 2021-May 2024

- Volunteered up to twelve hours a month to clean kennels and provide dog enrichment

Als Pals Mentor Program

Mentor

August 2023-December 2023

- Spent about an hour and a half one day a week helping 5th graders with math worksheets and provided after-school activities