

# 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
- Performed 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 5<sup>th</sup> graders with math worksheets and provided after-school activities