



## EMILY MILLER

### *Applied Geoscience Intern*

Emily Miller, Applied Geosciences Intern, supports The Water Institute's applied geoscience team with geophysical and geological data analysis to identify beach compatible sediments off the Atlantic Coast of Florida. Emily is expected to graduate with Bachelor of Science in Earth and Environmental Sciences, with a concentration in Coastal Science, from the University of New Orleans in December 2024.

#### **ORGANIZATION ROLE**

Applied Geoscience  
Intern

#### **EDUCATION**

BS, Earth and  
Environmental  
Science, University of  
New Orleans,  
*Expected Dec. 2024*

#### **ORGANIZATIONS**

Society for Earth and  
Environmental  
Sciences, Vice  
president, UNO.

National Wildlife  
Federation Ecolider.

Emily's background is distinguished by her extensive experience in coastal research, laboratory work, science communication, teaching, and administrative roles. During Emily's lab assistant and student technician roles her focus pertained to biological systems, geology, and ecology. At the UNO Coastal Education Research Facility, she has been instrumental in leading educational initiatives and facilitating hands-on learning experiences for K-12 students about coastal environments. Additionally, her work as a laboratory assistant and student technician has provided her with valuable applied geophysical experience, particularly concerning issues affecting the Gulf of Mexico and its coastal communities.

#### **PROFESSIONAL EXPERIENCE**

2024–Present: Applied Geoscience Intern, The Water Institute

2024–Present: Student Technician, UNO Pontchartrain Institute for Environmental Sciences: Barrier Island Comprehensive Monitoring Program

2023–Present: Student Assistant, UNO Coastal Education Research Facility

2021–Present: Bartender, Port of Call

2020–2021: Community Outreach Coordinator, Second Harvest Food Bank

2011: Aquaculturist & Environmental Toxicity Laboratory Assistant, Analytical & Environmental Testing, LLC