**Erica B. Environmental**

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**OBJECTIVE**

To obtain a full-time environmental assessment position related to wetland management and marine conservation

**EDUCATION**

**Emory University, Atlanta, GA** May 2021

Bachelor of Science in Environmental Sciences; Bachelor of Arts in Biology

Cumulative GPA: 3.5/4.0

*Related Coursework:* Tropical Marine Ecology; Freshwater Ecology; Coastal Ecology; Ecology of Emory; Field Botany; Cell Biology; Chemistry; Environmental Assessment & Management; Ecological Economics; and, Environmental Policy

**Oxford College of Emory University**, Oxford, GA May 2019

Associate of Arts

*Honors:* Merit List (All Semesters); Oxford College Environmental Science Award 2019; Leadership Oxford

**RELATED EXPERIENCE**

**Carbon Sequestration Monitoring Program,** Department of Environmental Sciences,Emory University Feb 2020 – May 2020

*Independent Study*

* Developed effective carbon sequestration program for forested creek area near Emory’s Math/Science Building
* Selected and planted ground vegetation and shrubs during early pandemic that will aid in reforestation of this area

**Emory University Campus Services**, Atlanta, GAMay 2019 – May 2020

*Environmental Engineer Intern*

* Updated Emory’s greenhouse gas inventory and evaluated progress of Emory’s climate action plan
* Developed educational outreach material for campus hydroponic water reclamation facility (Water Hub)
* Presented at 2020 Sustainable Campuses Conference and at Greenbuild 2019 Convention

**Tropical Marine Ecology Research**, Discovery Bay Marine Lab, Jamaica Jan 2020

*Program Participant*

* Identified more than 100 marine plants, invertebrates and fish as part of Stony Brook SMAS Program
* Conducted research and wrote research paper on species richness on coral reef patches

**Skidaway Institute of Oceanography**, Savannah, GA May – July 2019

*Research Assistant*

* Observed interacting gene regulatory networks that control iron acquisition and carbon metabolism in *Vibrio fischeri*
* Designed lab illustrating how microbes respond to nutrient limitation for training of high school Marine Biology educators

**Oxford Institute for Environmental Education**, Oxford, GA Oct 2018 – May 2019

*Teaching Assistant*

* Supported professors in instructing K-12 educators on best practices for teaching Environmental Studies and Biology
* Prepared all labs; assisted participants in collecting, identifying and understanding benthic macro invertebrates

**LEADERSHIP & COMMUNITY ENGAGEMENT**

**Greeks Go Green – Emory University,** *Co- President, Kappa Kappa Gamma Sorority*Oct2019 – Present

* Educating Greek Life on topics such as recycling and energy and water conservation.
* Write and apply for grants to make the sorority and fraternity houses more sustainable and for educational events.

**Oxford Development & Alumni Relations Office,** *Office Assistant* Sep 2017 – May 2018

* Prepared Alumni information for inclusion into University publications. Contacted University donors.

**SKILLS & INTERESTS**

**Lab Skills:** Plant, soil and water sampling; acid washing; agarose gel electrophoresis; DNA and RNA isolation; and, PCR

**Software Skills:** MS Word, Excel, PowerPoint; basic R and Python

**Foreign Language**: Advanced written and conversational French

**Interests:** SCUBA; snowboarding; tennis; running; backpacking and travel, having spent 17 years living in 4 countries