

Petrel P. Biology

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Education

Oglethorpe University, Bachelor of Science

Expected graduation: May 2023

Major: Biology, GPA: 3.75

Academic awards: JEO Scholarship Recipient (2021-2025)

Presentation

Caenorhabditis elegans as indicators of soil health

Liberal Arts and Sciences Symposium

April 2022

- Collaborated with a research team of two undergraduate students and one professor to gather data about *C. elegans* over the course of a semester
- Presented findings to an audience of over 100 students, staff, and faculty by condensing research into a poster that could be summarized in 15 minutes

Research Experience

Local Laboratory, Research Intern, Atlanta, GA

June 2021-July 2022

Researched under Primary Investigator Dr. Bio L. Ogy

- Assisted with data collection via virtual and in-person interviews for a research project about the effects of substance misuse on adults ages 35-50
- Transcribed interview notes and coded interviews to uncover trends in collected data
- Cared for rats utilized in the lab; this included consistent daily feeding, watering, cleaning of cages, and monitoring the environment to keep potential variables as controlled as possible

Work Experience

Zoo Atlanta, Intern, Atlanta, GA

July 2022-October 2022

- Supported animal care staff in daily operations to keep facilities clean and ensure wellness of animals
- Presented information about various carnivores to zoo visitors
- Assisted with preparing appropriate food for tiger and lion habitats, as well as monitoring enclosures to ensure that the animals had sufficient enrichment activities

Campus Leadership

Oglethorpe University, Supplemental Instructor, Atlanta, GA

January 2022-present

- Nominated by faculty member to model note taking practices for Biology 101 and Chemistry 101 classes to assist students that need extra support with the material
- Adapt classroom lessons into review games, activities, and lectures to help with test preparation
- Adhere to high standards of academic honesty and focus in the classroom

Laboratory Skills

- Dissection
- Light and fluorescence microscopy
- Use of micropipette