

Emily Poulin
4504 16th Ave NE Apt #A205
Seattle, Washington 98105
+1-919-656-1810
empoulin@uw.edu

Purpose

I am a highly motivated student who is looking for a research opportunity to explore my interest in physiology and marine biology to prepare myself for a graduate school position.

Education

University of Washington – College Honors Program Seattle, Washington *Class of 2021*
Physiology & Marine Biology double major, Purple and Gold scholarship recipient
Interdisciplinary & Departmental Honors, Student Ambassador
Cumulative GPA: 3.6

Experience & Activities

Student Worker – UW Department of Psychiatry & Behavioral Sciences *March 2019-Present*
Work 20 hours per week as a Research Assistant in the Neumaier Lab at the UW Department of Psychiatry & Behavioral Sciences. This position has allowed me to become proficient in molecular biology techniques such as PCR and Immunohistochemistry, and I have learned how a research lab functions. I have also been trained to care for lab animals and I am helping to monitor the lab's breeding colony of rats. I have learned how to perform rodent intercranial neurosurgeries independently and how to monitor the animals after the operations.

Student Ambassador – UW College of the Environment *September 2019-Present*
I am the student ambassador for the marine biology major at UW. I am passionate about the marine biology program and the College of the Environment at UW, and this position allows me to talk to potential students and their families about why I enjoy being a student here. As an ambassador, I attend events such as the Seattle National College Fair to table for the college, give tours to prospective students, and represent the college and the marine biology program at events around campus. This position has allowed me to gain public speaking experience through workshops and being on a student panel at events.

Research Assistant - UW Department of Biology *September 2018-Present*
I assisted on a research project in Dr. Kenneth Sebens's lab with Christopher D. Wells, a UW Biology Ph.D. candidate. For this project, I was responsible for annotating images that are captured with an underwater camera during SCUBA trips around the San Juan Islands. On this project I also analyzed the distribution of different species of algae and invertebrates, along with various substrates. I then used AI and machine learning technology to determine the different niches that are ideal for the growth of sea anemones.

Coastal Observation & Seabird Survey Team – Intern *January 2019-May 2019*
I interned with the Coastal Observation and Seabird Survey Team, or COASST, at the University of Washington's school of aquatic and fishery sciences. The goal of this organization is to help citizens become involved in research documenting seabird mortality and marine debris accumulation on the west coast of the United States. I am responsible for assisting with volunteer training sessions, logging data onto the COASST database, assembling kits used for data collection, and answering volunteers' questions.

Exhibit Interpreter - Seattle Aquarium

August 2018-Present

I am currently an exhibit interpreter at the Seattle Aquarium. This position requires me to engage with guests in order to share my knowledge of marine life. The goal of the Seattle Aquarium is to inspire marine conservation, and I am assisting in this mission by educating the public about the importance of marine organisms for the health of our environment. I am gaining hands-on experience with exotic animals care through feeding presentations and the behind the scenes work required to keep the aquarium running.

Editor - Grey Matters Undergraduate Neuroscience Journal

August 2017- January 2019

Grey Matters is a student-run neuroscience journal at the University of Washington. I am responsible for reviewing my peer's articles for both grammar and content before publication and distribution across campus. My position as editor has allowed me to further refine my scientific writing skills during weekly meetings and discussions with fellow authors.

Skills: Proficient with MS Office, Matlab, InDesign, and BOLD. Certified phlebotomist. Conversationally fluent in Spanish. PADI certified SCUBA diver.

References: Available upon request