**Name**

|  |  |  |  |
| --- | --- | --- | --- |
| City, Zip | Email | Phone number | website |

**Education**

* University of Rhode Island, Kingston, RI
  + Fall 2019 – Present
  + PhD Candidate in the Biological and Environmental Sciences
  + Concentration: Evolution and Marine Biology
* GRE scores
  + Verbal: Math: Analytical Writing:

**Research Interests**

* Marine Biology - How marine organisms utilize physiological mechanisms to respond to changing ocean condition. Host/pathogen interactions between marine phages and echinoderms.

**Research Experience**

* **Graduate Research Assistant**

Puritz Lab, University of Rhode Island, Kingston, RI

Mentor: Dr. Jonathan Puritz

June 2018 – August 2018

**Project:** Unlocking the exome: exploring de novo assembly options for capture sequencing using the Eastern Oyster (*Crassostrea virginica*).

**Relevant Skills:** DNA tapestation, cDNA library synthesis, larval growth management, BioConda environments, SSH command line, server job management, cloud computing workflow design, utilizing various open-source bioinformatics software: Spades, TransSpades, Transabyss, Trinity, Oases, Dedupe, BWA, Diamond, BUSCO, and other analysis software.

**Education and Professional Experience**

* **Student Oceanography Club Science Mentor**

Monterey Bay Aquarium, Monterey, CA

August 2018 - Present

Coordinator: Kim Swan, Jen Keliher, Ben Bence

An after-school program for middle school students where they learn about ocean conservation and marine science and who would like to make a difference in their local communities. Students visit scientific institutions, meet scientist, work with other teens, and lean about ocean conservation while participating in hands-on activities. Mentors are science leaders that guide the “tribe”, along with their high school “tribe leader”, in field experiences and on-site aquarium related activities. Mentors seek to inspire conservation of the world ocean in the next generation through support and inquiry.

**Leadership and Achievements**

* 2018 Sally Casanova Pre-Doctoral Summer Research

Summer research fellowship that allows for scholars to carry out a summer research experience

**Poster Presentations**

* Unlocking the Exome: Exploring de novo Assembly Options for Capture Sequencing. Western Society of Naturalists. Hotel Murano, Tacoma, WA, November 2018.

**Oral Presentations**

* From Farms to the Ocean. UROC ambassador to TRIOS program, California State University Monterey Bay, Seaside, CA, June – July 2017.

**Broader Impacts**

* Volunteering at marine science institutions has allowed me to speak with many people over the course of five years about the complex interactions that occur between marine organisms and their environment, the ocean. It has also given me the opportunity to educate the public about climate change and the solutions that scientific research has generated to solve these problems. Both institutions where I have volunteered time cater to low-income and minority schools by providing free admission for school field trips and programs curated for educating a diverse array of students.

**Certifications and Skills:**

* AAUS scientific diver. Institution CSUMB. Instructor Dr. James Lindholm. DSO Frank Degnan
* Proficient in: Cloud Computing, SSH, UNIX, Python, R, Excel, Adobe CC, Microsoft Office.