**MIAH MANNING *(she/her)***

**(908) 800-1466**

**miahm@mit.edu or miah.manning@whoi.edu**

EDUCATION

**Massachusetts Institute of Technology - Woods Hole Oceanographic Institute Joint Program**

PhD student in Biological Oceanography; Advisor: Dr. Harriet Alexander; Start: June 2023

**Rutgers University - School of Environmental and Biological Sciences**

Biological Sciences Major, Marine Science Minor; Graduated: May 2023; GPA: 4.0 *Summa cum laude*; Dean’s List: Fall 2020, Spring 2021, Fall 2021, Spring 2022, Fall 2022

RESEARCH EXPERIENCE

**Rutgers Center for Ocean Observing Leadership: New Brunswick, NJ**

*Undergraduate Intern January 2021- May 2023*

* Principal Investigator: Dr. Oscar Schofield
* Researching the effects of ice melt along the West Antarctic Peninsula on the phytoplankton community. Skills include R.

*Palmer LTER Cruise - Laurence M. Gould December 2022-February 2023*

* Chief Scientist: Dr. Carlos Moffat
* Grantee responsible for yearly water sampling of the West Antarctic Peninsula for the Palmer LTER program. Skills include IFCB, HPLC and chlorophyll filtering, QFT-ICAM, Satlantic FIRe, and LISST deployment.

**Mote Marine Laboratory & Aquarium: Sarasota, FL**

*NSF REU Intern June 2022-August 2022*

* Principal Investigator: Dr. Vince Lovko
* Researching the effectiveness of mitigation compounds on *Karenia brevis* (Florida Red Tide). Skills include Pulse-Amplitude-Modulation (PAM) Fluorometry, flow imaging cytometry (FlowCam), and manual microscopy.

WORK EXPERIENCE

**Waksman Institute of Microbiology: New Brunswick, NJ**

*Lab Assistant January 2022 – May 2023*

* Working 10 hours per week in the washroom of the Waksman Institute at Rutgers University. Duties include collecting glassware, fly vials and waste, using steam autoclaves, and using washers and drying equipment.

**Long Hill Township Library: Gillette, NJ**

*Page and Youth Summer Assistant June 2017 – January 2020*

* Organizing and shelving books and other media. Other responsibilities include assisting patrons, taking phone calls, and checking out books and other media.

SKILLS

**Technical:** R || Python || CTD and Niskin bottle sampling || Flow Cytometry || Microscopy || HPLC Filtering || QFT-ICAM || Satlantic FIRe || Microsoft Office

**Certificates:** NJ Seal of Biliteracy in Spanish || Lab Safety, Biosafety, and Blood Born Pathogen Training || Online Orientation to Animal Care and Use at Rutgers || Recombinant DNA, Genome Editing and Viral Vector Training

CONFERENCES

**2023 ASLO Multicultural Program: Palma de Mallorca, Spain** *June 3rd-June 9th 2023*

Oral presentation in session SS088 Advances in Understanding, Prediction, and Monitoring of Toxic Karenia (Dinoflagellate) Blooms Around the Globe, “Characterizing the photophysiology of *K. brevis* following exposure to bloom mitigation compounds”

**Rutgers Climate Institute Symposium 2022** *November 9th 2022*

“Variability of Phytoplankton on the Rapidly Melting West Antarctic Peninsula”

**11th National HAB Symposium: Albany, NY** *October 25th 2022*

“Characterizing the photophysiology of *K. brevis* following exposure to bloom mitigation compounds”

* Received Honorable Mention “Best Poster Presentation by a Student”

HONORS

Matthew Leydt Society *May 2023*

Phi Beta Kappa *April 2023*

Cook/CAES Scholarship *September 2022*

Alampi Phillip Scholarship *September 2022*

George H. Cook Scholars Program *December 2021*

Hamo Hachnasarian Scholarship *September 2021*

School of Environmental and Biological Sciences Honors Program *September 2020*