

**Deanna F. Webber, M.Sc.**

Phone: (813) 895-6428 • Email: [dwebber2022@fau.edu](mailto:dwebber2022@fau.edu)

Education:

2022 (Jan) – 2023 (Dec): Florida Atlantic University

Master of Science in Marine Science and Oceanography, GPA 3.4

2017– 2020: University of South Florida, Tampa

Bachelor of Science in Marine Biology, GPA 3.2

2010 – 2017: St. Andrew High School for Girls, Jamaica

High school diploma, GPA 3.8

Experience:

HBOI *Sargassum* Researcher, *Harbor Branch Oceanographic Institute* Jan 2024 -Present

- Organized and ran field work on Sargassum Project (FDEM) and various IRL projects.
- Ran and maintained lab equipment such as the Tecta PDS, fluorometer.
- Operated field equipment including Deep Trekker ROVs and YSI and HANNA Multiparameter probes.
- Organized and processed algae and water (nutrient) samples, and organized shipping of samples, when necessary.
- Organized chemical inventories and lab logbooks.
- Statistical and graphical analysis of collected data.

Graduate Research Assistant, *Harbor Branch Oceanographic Institute* Aug 2022 – Dec 2023

- Ran field work on various IRL projects and operated field equipment including YSI and HANNA Multiparameter probes.
- Ran lab equipment such as the fluorometer.
- Organized and processed algae and water (nutrient) samples, and organized shipping of samples, when necessary.
- Organized chemical inventories and lab logbooks.
- Statistical and graphical analysis of collected data.

Teaching Assistant, *Florida Atlantic University* Jan – May 2022

- Ran two streams of the lab section of Anatomy and Physiology (BSC 2086L).
- Lab classes included giving a presentation, directing dissections, and creating and administering lab exams.

Volunteer Research Assistant, *University of the West Indies* June – Dec 2021

- Conducted surveys of *Acropora palmata* colonies around Jamaica on SCUBA

Lab Intern, *Discovery Bay Marine Lab* Jan – June 2021

- Conducted surveys of *Acropora palmata* colonies, in St. Ann, Jamaica on SCUBA
- Helped organise Queen Conch data collection, including conch collection and enclosure building.

Volunteer Undergraduate Researcher, *University of South Florida* Sept – Dec 2020

**Deanna F. Webber**

955 16<sup>th</sup> Place, Vero Beach, Fl 32960 or  
Phone: (813) 895-6428 • Email: [dwebber2022@fau.edu](mailto:dwebber2022@fau.edu)

- Undergraduate Research Project: *Predation pressure on Ophiophragmus filograneus in different seagrass species in Picnic Is., Tampa, Fl.*

Volunteer Research Assistant, University of South Florida

Jan – June 2020

- Assisted 3D data processing and invertebrate identification.

Publications and Presentations

Lapointe, B.E., Webber, D., Brewton, R.A. 2024. A Comparison of Nutrient Contents & Stoichiometry of the Benthic & Pelagic *Sargassum* Species in the Western Atlantic. Southeastern Estuarine Research Society (SEERS) 2024, Savannah, GA.

Lapointe, B.E., Brewton, R.A., Babbe, G., Webber, D., 2023. Assessing a decade of unprecedented change in the IRL using macroalgal bio-observatories to understand nutrient sources. Indian River Lagoon (IRL) Symposium 2024, HBOI, Fort Pierce, Fl.

Lapointe, B.E., Webber, D., Brewton, R.A. 2023. A Comparison of Nutrient Contents & Stoichiometry of the Benthic & Pelagic *Sargassum* Species in the Western Atlantic. Southeastern Phycological Colloquy, HBOI, Fort Pierce, Fl.

Lapointe, B.E., Webber, D., Brewton, R.A. 2023. Decadal changes in light availability and chlorophyll concentrations in Florida’s Indian River Lagoon. Indian River Lagoon (IRL) Symposium 2023, HBOI, Fort Pierce, Fl.

Tonon, T., Machado, C. B., Webber, M., Webber, D., Smith, J., Pilsbury, A., ... & Allen, M. J. (2022). Biochemical and elemental composition of pelagic *Sargassum* biomass harvested across the Caribbean. *Phycology*, 2(1), 204-215.

Skills and Qualifications

- American and Jamaican Driver’s Licenses
- US Florida Boating Licences
- Certifications in:
  - Advanced Open water PADI
  - Novice NAUI
  - AAUS
  - TRUST
- Competence in:
  - ArcGIS Pro
  - Google Earth
  - Matlab
  - ArcGIS Desktop
  - Microsoft Office
  - CPCe
  - ESRI online
  - SPSS
  - Prism

References

Elizabeth Salewski, Ph.D.  
Senior Benthic Ecologist  
South Florida Water  
Management District,  
West Palm,  
FL, USA  
[esalewski@gmail.com](mailto:esalewski@gmail.com)

Brian Lapointe, PhD.  
Professor & Principal Investigator  
Harbor Branch Oceanographic  
Institute,  
Florida Atlantic University,  
FL, USA  
[blapoin1@fau.edu](mailto:blapoin1@fau.edu)

Shanna- Lee Thomas  
Scientific Officer  
Discovery Bay Marine Laboratory  
Centre for Marine Sciences,  
University of the West Indies  
Jamaica  
[shannalee.thomas02@uwimona.edu.jm](mailto:shannalee.thomas02@uwimona.edu.jm)