

# Curriculum Vitae

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Science & Engineering  
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## Education

**Texas A&M University – Galveston | Galveston, TX** August 2023–Present

**College of Marine Sciences and Maritime Studies**

*Doctor of Philosophy in Marine Biology; GPA: 3.83*

**Nova Southeastern University | Dania Beach, FL** May 2023

**Halmos College of Arts and Sciences**

*Master of Science in Marine Science - coral reef ecology concentration; GPA: 3.81*

**University of Tampa | Tampa, FL** May 2020

**College of Natural and Health Sciences**

*Bachelor of Science in Biology & Marine Biology, Honors Program*

**Alan C. Pope High School | Marietta, GA** May 2017

## Teaching Experience

**College of the Mainland | Texas City, TX** March 2026 – Present

### Adjunct Biology Professor

- Delivered lectures and facilitated in-person/online classes
- Developed and updated course syllabi, assignments, and instructional materials
- Maintained up-to-date learning management system on D2L Brightspace
- Administered and graded exams, quizzes, policies, and grading criteria
- Provided academic advising, mentorship, and constructive feedback
- Fostered student engagement through discussions, group activities, and real-world applications
- Held regular office hours to assist students

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Texas A&M University – Galveston | Galveston, TX

August 2023–May 2025

## Graduate Teaching Assistant

- Created lesson plans, course material, and lectures for laboratory section of Intro Biology I (BIOL 111) and Coral Reef Biology (MARB 489)
- Prepared laboratory setups, including calibration and maintenance of equipment, sample preparation, and inventory management.
- Supervised laboratory sessions, ensuring students adhered to safety protocols and properly utilized equipment and materials.
- Provided one-on-one and group academic and technical support to students during lab exercises and projects.
- Graded and provided feedback on lab reports, assignments, quizzes, and exams, ensuring academic rigor in alignment with course objectives.
- Held office hours to address student questions, provide mentorship, and support their academic and technical development

Nova Southeastern University | Dania Beach, FL

August 2020-July 2023

## Graduate Teaching Assistant

- Created lesson plans and materials for lab section of Master’s core Biostatistics (MSMS 5010)
- Taught R and statistics, provided R studio homework assistance
- Supervised laboratory sessions, ensuring students adhered to safety protocols and properly utilized equipment and materials.
- Provided one-on-one and group academic and technical support to students during lab exercises and projects.
- Graded and provided feedback on lab reports, assignments, quizzes, and exams, ensuring academic rigor in alignment with course objectives.
- Held office hours to address student questions, provide mentorship, and support their academic and technical development

## Significant Publications

Hood, Michael B. “*Evaluating the Effect of Symbiodiniacea on Survival, Growth, and Acquisition of Newly Settled Corals of Three Caribbean Species.*” NSUWorks, May, 2023, [nsuworks.nova.edu/hcas\\_etd\\_all/147/](https://nsuworks.nova.edu/hcas_etd_all/147/).