

Job Title: Coral Program Intern

Job Location: Miami, Florida

Wage: \$20/hr, 40 hours per week

Application Deadline: October 16, 2023

Job Description

The Coral Program at NOAA's Atlantic Oceanographic and Meteorological Lab (AOML) in Miami (<https://www.aoml.noaa.gov/coral-reef-ecosystems/>), part of AOML's Ocean Chemistry and Ecosystems Division and the University of Miami's Cooperative Institute for Marine & Atmospheric Studies (CIMAS; <https://cimas.earth.miami.edu/>), is accepting applications for a one-year internship position, offered annually to a highly motivated recent graduate interested in gaining experience in the fields of coral reef ecology and ocean acidification research.

The Coral Program is actively researching how climate change and ocean acidification affect the construction (coral growth, calcification) and breakdown (bioerosion, dissolution) of coral reef ecosystems, as well as the associated ramifications these processes have for ecosystem function. The successful applicant will work with a diverse team of scientists, postdocs, and students at NOAA and UM laboratories.

Roles and Responsibilities

- Participation in laboratory and field research experiments using 'omics approaches (<https://www.aoml.noaa.gov/omics/#coralomics>)
- Involvement in National Coral Reef Monitoring Program (NCRMP; <https://www.aoml.noaa.gov/ncrmp/>)
- SCUBA diving and fieldwork
- Participation in experiments using cutting-edge technologies conducted in the Experimental Reef Lab (<https://www.aoml.noaa.gov/experimental-reef-lab/>) to inform and enhance coral restoration efforts (<https://www.aoml.noaa.gov/coral-restoration-and-resilience/>)
- 3D scanning and printing for scientific instrument development (<https://www.aoml.noaa.gov/advanced-manufacturing-lab/>)

Key Qualifications

- General knowledge and interest in coral reef ecology research
- Current AAUS authorization for scientific diving
- Ability to work collaboratively with a diverse group of researchers
- Strong attention to detail as well as oral and written communication skills

Supervision Received

The position will be advised by Nicole Besemer and Dr. Michael Studivan and at the conclusion of the year-long internship, the successful applicant will be expected to present a talk on their work.

Please send a CV and letter of interest to both nicole.besemer@noaa.gov and michael.studivan@noaa.gov with "Coral Program internship application" in the subject line. Applications must be received by October 16th, 2023.