Contact Information

248 736 0718
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2721 SW 28th Court
Miami, FL, 33133

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Skills

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Experience

Nash Soderberg

Curriculum Vitae

Proficient in C++, Java, and R Studio coding languages

Proficient with MS Office applications, Onshape CAD design, ArcGIS, Labview Development Environment

Open Water Certified Diver through SSI

University of Miami CIMAS & NOAA AOML

Research Associate II

August 2019 - PRESENT, Miami FL

- Assist in research aimed at understanding issues threatening coral reefs locally and globally such as ocean acidification, sea surface temperature rise, and coral disease
- Manage logistics of conducting multiple experiments with diverse goals and needs simultaneously
- Utilize 3D design/modeling techniques and a working knowledge of circuitry to develop, manufacture, and improve novel experimental devices and resources
- Repair, calibrate, and maintain sensitive scientific instruments
- Monitor, maintain, and improve the experimental facilities of the Experimental Reef Lab (ERL)
- Train and manage interns, undergraduates, and graduate students on skills necessary for conducting research in ERL
- Collect and manage data from a diverse and heavy data stream, including physiological data of corals and other marine organisms, and environmental conditions

University of Miami Coral Reef Futures Research Lab

Coral Research Intern

May 2017 - January 2019, Miami FL

- Monitor the health of the research corals, identify any disease or parasite issues, perform routine husbandry care
- Collect data including DNA sampling, coral physiological data, and environmental conditions
- Analyze data using laboratory techniques such as DNA extraction, PCR, quantitative PCR, gel electrophoresis, and prepare samples for shipping and sequencing

Education

University of Miami

August 2015 - May 2019, Miami FL

Bachelors of Science in Marine Science/Biology, minor in Geology

Awards

2020 - CIMAS Cash-in-a-Flash Award
For selfless and exemplary dedication to AOML and CIMAS coral research during the Covid-19 pandemic

2022 - CIMAS Cash-in-a-Flash Award
For going above and beyond to overhaul the Experimental Reef lab, including upgrading the lights, fittings, and programming systems.

Publications

Studivan, M. S., Rossin, A. M., Rubin, E., **Soderberg, N.**, Holstein, D. M., & Enochs, I. C. (2022). Reef sediments can act as a stony coral tissue loss disease vector. Frontiers in Marine Science, 8.