



UNIVERSITY OF MIAMI
ROSENSTIEL
SCHOOL of MARINE &
ATMOSPHERIC SCIENCE



Description

The Cooperative Institute for Marine and Atmospheric Studies ([CIMAS](#)) at the University of Miami is seeking applicants to participate in a hydrographic long-line research cruise (6 weeks) this Fall, in September-October 2021, in the Gulf of Mexico on the *NOAA SHIP Ronald H. Brown*, as part of the NOAA [Ocean Acidification Program](#). The cruise will depart/arrive from Miami, FL, and last 40 days, with no anticipated port of call for the duration of the cruise.

The Gulf of Mexico Ecosystems and Carbon Cycle (GOMECC) cruises are part of NOAA's portfolio of activities to monitor ocean acidification and its potential impacts along US coasts. More information about the cruise is available here:

<https://www.aoml.noaa.gov/ocd/gcc/GOMECC4/>

Information about previous GOMECC cruises can be found here:

<https://www.aoml.noaa.gov/ocd/ocdweb/occ.html>

We are seeking 2 students for CTD/deck operations. Preference will be given to masters/PhD students in good standing at US institutions, but recent graduates and undergraduates are encouraged to apply as well. Opportunities to conduct sampling in relation to the student's research are possible so long as they don't interfere with either CTD/deck operation duties or with the main goals of the cruise. Training and supervision will be provided.

Duties:

The GOMECC-4 cruise will operate 24/7 with 12-hour shifts. CTD student duties include operating the CTD and rosette bottle system both on deck and in the lab, drawing and documenting water samples, and working on data quality control and analysis alongside the chief and co-chief scientists. You may also be asked to assist other science groups and to contribute to the cruise blogs.

This is a great opportunity to get out to sea and participate in collecting hydrographic data in the Gulf of Mexico basin at the highest standards of accuracy. You will interact with chemists, biologists and physical oceanographers and will have a chance to get started or continue looking at phenomena that interest you. It will be an interesting and useful experience whether or not you've got experience at sea thus far, and we encourage any of you to consider coming along.

COVID protocols:

The student will be expected to adhere to both University of Miami and NOAA COVID-19 protocols before and during the cruise. This includes 8 days of Shelter In Place prior to boarding the ship. All cruise participants will be required to take PCR tests provided by a NOAA-contracted lab twice during that period (at no cost to participants). Protocols may change before cruise departure.

Expenses:

CIMAS will cover all travel related costs plus compensation during the time of the cruise. Student must be enrolled at a U.S. institution and be in possession of a passport.

Notes:

Note that dates and ports can change during final ship scheduling, but any such changes are usually minor.

A valid passport is required for participation in the cruise.

Deadline for applications: June 25, 2021

If you have any interest:

(1) Please contact Leticia Barbero (leticia.barbero@noaa.gov) and Andrew Stefanick (Andrew.Stefanick@noaa.gov), chief scientists on the cruise, to let us know that you are contemplating applying, and to get more information if you have questions.

(2) Talk to your advisor to make sure that this will work with your program.

(3) After that, if you want to proceed - please send a cover letter indicating your interest and information about your background (CV, include the academic program you are part of, who your advisor is, what kind of research you are carrying out if you are at that stage, any prior cruise experience).

Thanks,

Leticia Barbero and Andrew Stefanick, chief scientists for GOMECC-4