



We are looking for students to participate in the decadal re-occupation of the U.S. GO-SHIP hydrographic long-line cruise known as P02 (30°N in the Pacific). There are two legs and while the second leg positions have been filled, we are still seeking CTD-watch candidates for Leg 1 (~7 weeks **April to June 2022**).

This call for applications will remain open until all positions are filled (see below for details).

PARTICULARS:

- We will be sailing on the **R/V Revelle** (<https://scripps.ucsd.edu/ships/revelle>)
- Chief Scientist – Alison Macdonald amacdonald@whoi.edu
- Co-Chief Scientist – Shuwen Tan shuwent@ldeo.columbia.edu
- Leg 1: 51 days at sea
- U.S. GO-SHIP Contacts
 - PI: Lynne Talley ltalley@ucsd.edu (she/her)
 - Project Manager: Alison Macdonald amacdonald@whoi.edu (she/her)

The U.S. GO-SHIP program collects data for global CO₂ and climate variability programs. The website is <http://usgoship.ucsd.edu>. Scripps Institution of Oceanography (UCSD) operates the NSF-funded portion of the US national program, which covers this upcoming 2022 cruise. The website of the international GO-SHIP (Global Ocean Ship-based Hydrographic Investigations Program) program is <http://go-ship.org>. GO-SHIP is part of the Global Ocean Observing System (GOOS) <https://www.goosocean.org/>.

U.S. GO-SHIP pays all travel costs. It also pays student salary/tuition costs during the time of the cruise plus the few travel days before and after the cruise, if and only if the student is enrolled at a U.S. institution. Salary can only be provided to those who already have the ability to work in the U.S.

For Leg 1, we are seeking students for CTD operations (typically, but not exclusively, PO background). Graduate students will be given priority. Prior at-sea experience is not required.

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

A valid passport and appropriate visa are required for participation in the cruises. U.S. citizenship is not required.

All personnel sailing will need proof of COVID-19 vaccination and there will be COVID protocols including quarantine in Guam.

If you have any interest:

(1) Please contact [Alison Macdonald \(amacdonald@whoi.edu\)](mailto:amacdonald@whoi.edu) and Shuwen Tan (shuwent@ldeo.columbia.edu) to let us know that you are contemplating applying and to get more information if you have questions.

(2) Talk to your advisor to be sure that this will work with your program. We note, these are full time (12-hour work days). Neither students nor advisors should expect non-US GO-SHIP efforts to be undertaken during the cruise.

(3) After that, send a cover letter indicating your interest and information about your background (CV, include the academic program you are part of, name and contact information for your advisor, the type of research you are carrying out if you are at that stage, as well as any prior cruise experience).

Graduate students in good standing at U.S. institutions will be given preference. Undergraduates, technicians, and postdocs (though only student salary covered) may also apply.

DUTIES:

The repeat hydrography cruises 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 an excellent opportunity to gain experience in oceanic fieldwork participating in the collection of full water column hydrographic data of the highest quality available globally, to learn new skills, to interact and learn from world class scientists and technicians, and to become a valuable member of a team.