



US GO-SHIP

U.S. GO-SHIP Postdoctoral Fellowship

Application deadline: Dec. 18, 2022

U.S. GO-SHIP (Global Ocean Ship-based Hydrographic Investigations Program) is pleased to announce a two-year NSF-funded postdoctoral fellowship to foster participation in analysis and collection of data within the U.S. GO-SHIP repeat hydrography program (<http://usgoship.ucsd.edu>). U.S. GO-SHIP is part of the international GO-SHIP program (<http://www.go-ship.org>). GO-SHIP collects highly accurate, full water column, multiple-parameter observations on trans-oceanic sections for investigation of large-scale physical and biogeochemical oceanographic processes relevant to climate (see <http://www.go-ship.org/Bib.html> for a list of publications). It re-occupies these sections approximately every 10 years.

The postdoc will be employed by the institution of their U.S. GO-SHIP principal investigator supervisor during the fellowship; the fellowship will be administered to the host institution as a subaward from the NSF U.S. GO-SHIP funding at the Scripps Institution of Oceanography, UCSD.

Incumbents may, but are not required to, serve as co-chief scientist on one leg of a U.S. GO-SHIP cruise (see <https://usgoship.ucsd.edu/hydratable/> for cruise list) during their fellowship. Opportunities in 2023-2024 timeframe include three U.S. GO-SHIP transects: I05 across the Indian Ocean along ~32°S (summer 2023, Australia-South Africa), either of the legs of the I08S/I09 90°W line in the Indian Ocean, possibly the P04E Pacific 10°N (Costa Rica-Honolulu), last occupied in 1989

Interested applicants should identify and contact a mentor or mentors from the current list of U.S. GO-SHIP principal investigators (see [blue-highlighted](https://usgoship.ucsd.edu/personnel/) entries at <https://usgoship.ucsd.edu/personnel/>). In consultation with the chosen mentor, candidates should develop a short one-to-two-page research plan for a scientific investigation incorporating analysis of GO-SHIP data. Research can include an aspect of the GO-SHIP data set and those with particular interest in ocean carbon biogeochemistry (organic or inorganic) are encouraged to apply. Proposed projects are encouraged that make use of GO-SHIP observations, whether the data were previously collected (<https://cchdo.ucsd.edu/>) or obtained during the period of the fellowship. Analysis and closely-associated modeling or state estimation projects specifically utilizing US GO-SHIP data are also considered, as are projects which combine GO-SHIP observations with other datasets. Questions can be sent to Alison Macdonald (amacdonald@whoi.edu).

Candidates must have received a Ph.D. in oceanography, earth sciences, applied math, or the physical, chemical, or biological sciences by the time of the appointment. Training in physical oceanography, ocean biogeochemistry, and/or climate science is preferred, along with strong

quantitative, modeling, and/or statistical skills. An ability and interest to work across these disciplines is highly desirable.

The support is for 2 years plus additional coverage for time at sea as a GO-SHIP co-chief. Extension through support from the postdoc mentor is also possible, but not guaranteed. Once appointed, GO-SHIP postdoc support must be used within two years of the start date, with short extensions granted for GO-SHIP time at sea.

In addition to the research plan describing their proposed use of GO-SHIP data, applicants should submit a curriculum vitae, a statement of research experience and interests, and a list of three references with their contact information, to Alison Macdonald (amacdonald@whoi.edu). Applications will be reviewed by a committee drawn from the U.S. GO-SHIP principal investigators who have no conflict of interest with any of the applications. Phone interviews will ensue for short-listed candidates.

The deadline for applications is **December 18, 2021**. Those received by this date will be given priority. After this date, until the position is filled, applications will be considered in the order in which they are received. Decisions will be made by January 13, 2023.

The University of California, San Diego is an AA/EOE.