



US GO-SHIP

U.S. GO-SHIP Postdoctoral Fellowship

Application deadline: November 1, 2019

U.S. GO-SHIP (Global Ocean Ship-based Hydrographic Investigations Program) is pleased to announce one-year NSF-funded postdoctoral fellowships 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 reside at the institution of their U.S. GO-SHIP principal investigator supervisor during the fellowship, although fellowships will be administered as subawards through the Scripps Institution of Oceanography.

Incumbents may serve, but are not required to, 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 2020 include two U.S. GO-SHIP transects: one in the eastern Atlantic from Cape Town (South Africa) to Cape Verde along the prime meridian ($\sim 3^{\circ}\text{W}$ - 1°E) known as A13.5 and one across the Indian Ocean along $\sim 32^{\circ}\text{S}$ (I05). Possible opportunities in 2021 include two meridional transects in the eastern Atlantic along 52°W and 66°W (A20 and A22, respectively),

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. Proposed projects that make use of GO-SHIP observations whether previously collected (<https://cchdo.ucsd.edu/>) or obtained during the period of the fellowship are encouraged. 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.

Candidates must have received a Ph.D. in oceanography, earth sciences, applied math, or the physical, chemical, or biological sciences. Training in physical oceanography, biogeochemistry, and/or climate science is strongly 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 1 year 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, postdoc support must be used within two years of the start date.

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 Prof. Lynne Talley (ltalley@ucsd.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 **November 1, 2019**. 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 December 15, 2019.

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