



Postdoctoral Scholarships in Ocean Carbon Cycling 2027-2028

Program. We invite applications for a [Global multi-scale Ocean Carbon Observatory](#) (GOCO) Postdoctoral Scholar at the Woods Hole Oceanographic Institution (WHOI) in the USA. This year's position focusses on work directly related to the [WHOI Ocean Vital Signs Network](#) (OVSN) program activities in the Northwest Atlantic. OVSN currently supports eight projects. Applications are welcome for any work that directly connects with or leverages current OVSN projects and activities. Scholars will have the opportunity to embed their research within one of the world's leading oceanographic research institutions, connecting their work with WHOI's strengths in ocean science and engineering.

Objectives. OVSN is targeting tracking ocean carbon flows at the regional scale in the Northwest Atlantic Ocean, nested within a global backbone of ocean observations and models. OVSN will also enable the testing and development of next-generation technologies for monitoring carbon and ecosystems. Scholar projects should fall within the OVSN goals to (i) Track and quantify carbon flows through the ocean as they are influenced by physical and biogeochemical processes from the air-sea interface until and including ultimate burial, or re-ventilation to the atmosphere (ii) Quantify the impact of natural and intentional carbon cycle perturbations, including both direct effects on carbon flux as well as indirect feedbacks (iii) Evaluate interactions between ocean carbon cycling and ecosystem functioning across trophic levels, and quantify relationships to 'ocean health'. Awards will be based on demonstrated research independence, productivity, originality, and community service. Priority will be given to candidates whose scholarly work demonstrates a strong synergy with existing [OVSN projects](#).

Eligibility. Applicants must complete a doctoral degree prior to taking up their appointment at WHOI no later than October 1, 2027. They should have research interests related to the objectives described above.

Stipend. Scholarships are awarded for 18-month appointments. Successful applicants will receive a stipend of at least **\$73,000** per year, relocation and health and welfare allowances, as well as an independent research budget.

Application. In addition to the application form, the following are required: (i) a current CV or resume; (ii) three letters of recommendation from persons who are not members of the WHOI staff; (iii) a brief plain-language summary of your research experience to date, with emphasis on your PhD training; and (iv) a statement that addresses the research interests you wish to pursue at WHOI. Applicants are encouraged to contact members of the WHOI scientific staff as they develop their research statements. Applications will be accepted up to **October 15, 2026**. Evaluations of applicants will be based on demonstrated research promise and the relevance of the proposed research to the objectives noted above. Awards will be announced in December 2026.

Tenure. Appointments may begin any time after January 1, 2027, and before October 1, 2027.

Further information and application forms are available on the Academic Programs section of the WHOI website at: <https://go.whoi.edu/pdscholarship>