



*An NSF-funded laboratory at the Woods Hole Oceanographic Institution*

## **Postdoctoral Fellowship in Marine Radiocarbon Studies using Accelerator Mass Spectrometry**

**Program.** Join us for ground-breaking radiocarbon research at the Woods Hole Oceanographic Institution. The NOSAMS facility (<http://www.whoi.edu/nosams>) is dedicated to pioneering leading-edge measurement capabilities and opening new scientific frontiers. The candidate selected for the fellowship will work within our team of research professionals and with WHOI scientists outside the facility. The Fellowship Program also provides the successful applicant an opportunity to participate in the seminars and study groups at Woods Hole and to develop collaborative research with other members of the scientific and technical staff at the Institution.

**Objectives.** The facility seeks to attract an outstanding individual interested in either or both (i) studies of radiocarbon in oceanic systems and (ii) developments in accelerator mass spectrometry and related techniques. Typical projects include diverse studies of the biogeochemical cycling of carbon, the detection and tracing of pollutants in natural systems, and paleoceanographic and paleoclimatic investigations of all kinds. A wide range of instrumentation provides unique opportunities for compound-specific, high throughput, and high precision applications.

**Eligibility.** Applicants must complete a doctoral-level degree prior to taking up their appointment at Woods Hole, no later than December 1, 2017. They should have research interests related to the objectives described above. Applications from physicists, chemists, and biologists as well as from oceanographers are specifically invited. The successful applicant will receive a relocation allowance and a stipend of \$58,500 per year for an 18-month appointment. The appointee is eligible for group health and dental insurance. Also, some support is available for travel expenses, equipment, supplies, and special services.

**Application.** In addition to the application form, the following are required: a current CV or resume; three letters of recommendation from persons who are not members of the WHOI staff; a concise (two page max) statement of research interests and indication of their relevance to the objectives noted above, as well as more general career plans; and a brief synopsis of the applicant's doctoral dissertation. Applicants are invited to contact members of the WHOI and NOSAMS staffs as they prepare their research statements. Applications must be complete by January 5, 2017. Evaluations of applicants will be based on research promise and on relevance of research interests to the objectives noted above. Awards will be announced by March of 2017.

**Tenure.** The recipient can initiate their study and research at Woods Hole any time after receiving notification of their award and before December 1, 2017.

Further information and application forms may be obtained through the Academic Programs section of the WHOI web pages at <http://www.whoi.edu/postdoctoral>, or by contacting: The WHOI Postdoctoral Coordinator at: [postdoc@whoi.edu](mailto:postdoc@whoi.edu); or (508) 289-2950.

The Woods Hole Oceanographic Institution is an Equal Employment Opportunity/Affirmative Action Organization.