



Science Management Contractor

Status: Contract seasonal, as needed

FLSA Classification: Non-Exempt

Compensation Type: Contracted Day rate

Benefit Eligible: No

Reports to: Chief Scientist, Ocean Exploration Trust

Location: Onboard Exploration Vessel *Nautilus* worldwide

Contact: careers@oet.org

Purpose

Ocean Exploration Trust seeks a marine scientist to support scientific ocean exploration and research aboard E/V *Nautilus* through watchstanding and lab activities. Expected assignments range from approximately one to three months throughout a six to ten month annual field season.

Ocean Exploration Trust

The Ocean Exploration Trust (OET) is a 501(c)(3) founded in 2008 to explore the ocean, seeking out new discoveries in the fields of geology, biology, maritime history, archaeology, and chemistry while pushing the boundaries of science, technology, engineering, and mathematics education and technological innovation. The Nautilus Exploration Program centers on scientific ocean exploration from aboard the 68-meter Exploration Vessel *Nautilus*, supported by state-of-the-art ROV, seafloor mapping, and telepresence technologies on board and ashore that are used to advance ocean exploration and outreach. For more information, visit www.nautiluslive.org.

Position Overview

The science management role assists in the success of an expedition by working closely with the lead and guest scientists and Expedition Leader to ensure science goals are met. A science manager is responsible for the safety and use of the Wet Lab. They stand watch as a Data Logger, are responsible for dive and specimen metadata, and mentor student interns or others. They must perform the following duties in close collaboration with the rest of the science and operations team:

Duties and Responsibilities

- Stand two 4-hour per day Data Logger watches, which includes: maintaining an observational log; taking capture images from the ROV HD camera; recording specimen metadata; communicating with scientists and the operational team and to an online audience for outreach purposes; assisting science teams meet dive objectives; monitoring incoming data and troubleshooting any issues with the broader team



- Wet lab specimen preparation & shipping
- Author dive reports and metadata for specimens and dives
- Assisting science teams as needed with other lab and/or science tasks
- Contribute to articles and papers under the leadership of OET and lead scientists post-expedition

Must be able to

- Obtain a US Passport or B1/B2 Visa
- Deploy at sea for up to 90 contiguous days
- Be physically and mentally capable of meeting the demands of living and operating aboard a working exploration vessel, and must be able to live in close quarters with other expedition team members (including a shared stateroom)
- Maintain a pleasant and professional demeanor under challenging conditions while interacting with fellow expedition team members and while interacting with the public online.
- Contribute to an inclusive work environment in which all individuals are treated with respect and dignity.
- Support OET's mission of training the next generation of STEM professionals by helping to support junior personnel participating in the expedition by engaging with them and helping to provide a positive learning experience at sea.
- To the level that is relevant to this position, contribute to OET's mission to inspire and engage youth and the public by participating in outreach and/or port tours during the expedition.

Required Skills/Experience

- At-sea or field work experience
- Understanding of and passion for deep-sea science
- Degree (M.S. preferred) in marine sciences or related fields
- Lab experience working with biological and/or geological specimens
- Knowledge of laboratory safety procedures and protocols
- Strong team player with a proactive, service-oriented attitude
- Ability to work collaboratively with an international, multidisciplinary, diverse team of engineers, scientists, educators, and students
- Ability to oversee and delegate laboratory work and report writing within a small support team, including interns
- Possess strong creative, analytical, and problem-solving skills
- Excellent multi-tasking and time management skills
- Excellent management and interpersonal skills
- Excellent verbal and written communications
- Excellent analytical and organizational skills

**Preferred Qualifications**

- Experience documenting biological and/or geological observations through field work
- Working knowledge of basic or advanced biological, ecological, and/or geological terminology
- Resistance to motion sickness

Physical Demands

This is largely a sedentary role; however, at-sea activity to launch and recover equipment over-the-side and carry up to 50 lbs is required.

Position Type/Expected Hours of Work

This is a contract position with an estimated at-sea duration of 4 weeks to 12 weeks at a time. A typical day includes 2x4 hour data logger watch during remotely operated vehicle dives, plus up to 6 additional hours of work per day.

Pay

Day rate will be competitive with standard research vessel rates and commensurate with experience.

To APPLY: Please submit a cover letter and resume to careers@oceanexplorationtrust.org. Position open until filled on a rolling basis.