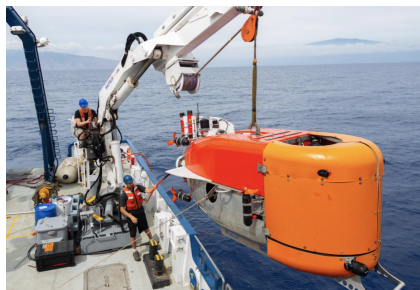
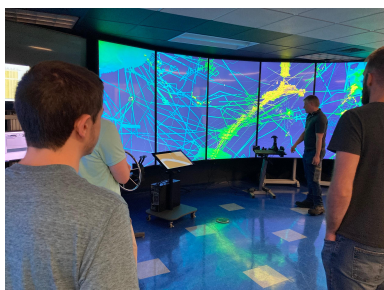


Dive into the **Bridge to Ocean Exploration (B2OE) Program** with the Ocean Exploration Cooperative Institute (OECI) at the **University of Rhode Island's (URI) Graduate School of Oceanography (GSO)**! Dip your toes into the multidisciplinary world that is ocean science with opportunities in video/data engineering, media asset management, technology asset management, applied coral science, and multimedia production.



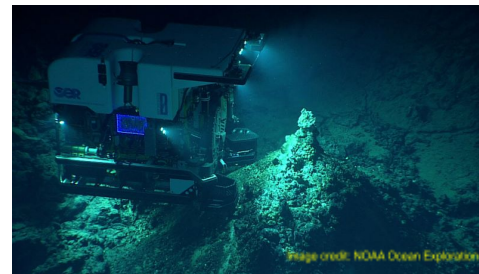
The OECI (<https://web.uri.edu/oeci/>) is a unique consortium of top oceanographic institutions: URI, Woods Hole Oceanographic Institution (WHOI), University of New Hampshire, the University of Southern Mississippi, and the non-profit organization, Ocean Exploration Trust. They work together to push the boundaries of ocean exploration with research and innovation in remotely-operated and autonomous vehicle operations, virtual engineering connectivity, and ocean science communication and engagement.

A core mission of the OECI is to inspire future generations of ocean scientists and engineers, and foster Blue Economy workforce development. The B2OE Program is an experiential learning program key to advancing this mission. Currently, the OECI is recruiting **up to 10 students** to create a 5th B2OE Cohort and participate in this **PAID, part-time program**. Potential, student project pathways may include:

Computer science/programming
Ocean exploration data science
Ocean engineering and robotics
Deep sea biology
Virtual environments and 3D models
Science communication and video production

Project Pathway Breakdown- Ocean Exploration Data Science:

- Ocean exploration data includes large volume data sets produced that are used to map the seafloor, identify ocean organisms, understand the distribution of biology in the water column, and find locations of seafloor fluid flow. A key OEI priority is to ensure that expedition and other OEI project data is accessible to the science community and public. There are two potential projects for this pathway:
 1. Dive into Arctic Oceanographic Data. The student will explore ocean data collected by floats and other measurement platforms in the Arctic. The student will work with a graduate student in ocean engineering to develop a system to explore and categorize the data, including separating data that was collected in open water vs ice-covered regions. They will harvest temperature and salinity data from an online data repository and learn how to calculate sound-speed from these measurements. The student will learn about Arctic science, underwater acoustics, and data collection best practices.
 2. A data logging and management project working with vessel and/or remotely operated vehicle (ROV) data. The data would work with outputs for ROV Rhody, and potentially data from the NOAA Ship Okeanos Explorer. The two students/projects would work together on getting instances of operations software such as Sealog, openVDM, and openRVdas configured and running
- *Useful coursework/experience requested for this project pathway:*
 - Seeking students who have completed at least 1 year at CCRI
 - Desirable skills are basic computer science/programming, an interest in data exploration, and a willingness to learn.
 - Suggested courses:
 - Computer literacy, including familiarity or experience with programming languages (e.g Python, JSON), markup languages (HTML, XML), operating systems (e.g. Linux) and data structures/algorithms
 - Introduction to Software Engineering, Programming Concepts, Technical Math
 - Database Design & Management - to include time series databases, NoSQL type databases.
 - Science coursework



Benefits to B2OE Program participation:

- Up to \$17/hour equivalent (paid via two stipends, one in early March 2026, and the other in late May 2026)
- Exposure to cutting-edge ocean science, engineering, and media production technologies and best practices within the OEI
- Collaboration with OEI personnel; field trips to tour URI, WHOI, and other facilities, as well as local industry (if/when possible)
- Opportunity to remotely participate in NOAA *Okeanos Explorer* and *EV Nautilus* expeditions
- Peer-to-peer interaction to build communication skills

- Information exchange and networking opportunities with industry professionals during a virtual Blue Economy Career Awareness Fa

In addition to the above mentioned part-time experience, **additional program requirements and expectations include:**

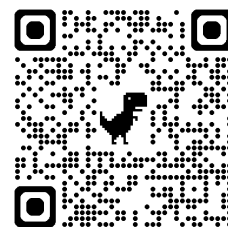
- Time commitment of up to 10h/week (December 2025- May 2026)
- Potential for onsite and/or tele-work
- Weekly tag-ups with mentors to gauge project progress and answer questions (mentors are also available via email for questions, etc. at any time)
- Participation in OECl student events, including Lunch and Learn networking events and a virtual Blue Economy Career Awareness Fair
- Final project summary report and presentation
- Participation in pre- and post-experience 360° evaluation

Eligibility:

- U.S. Citizenship (or F-1, J-1 visa status if applicable)
- Currently enrolled CCRI students (undergraduate/associate's degree, and/or workforce certificate)
- Degree, major, or intent to major in a field relevant to the OECl's mission; these can include, but are not limited to: STEM (science, technology, engineering and math), computer science, media production and graphic design, communications, education, and/or business operations/administration

B2OE Program Timeline/Key Dates:

- Interested CCRI students must complete the [OECl B2OE online application](#) by on or before 11:59 pm ET, October 26, 2025.
 - In addition to this application, interested individuals will also be required to submit their **current resume or curriculum vitae (CV)**, with **3 professional references listed** (who can speak to the applicant's character and professional and/or academic background- this can be a professor, advisor, teacher, community member, work supervisor, mentor, etc.).
- Potential participants will be **notified by November 7, 2025, for a virtual interview.** Applications will be reviewed and analyzed based on merit and relevant experience.
- **Final selections** on or before **November 21, 2025**; candidates will be notified of their status.
- **An anticipated program start date, with an on-site orientation at URI's Graduate School of Oceanography campus in Narragansett, RI, will be on or before December 10, 2025.**



Questions? Please contact Holly Morin (holly_morin@uri.edu)