OCEAN EXPLORATION COOPERATIVE INSTITUTE | EXPLORING THE NATION'S BLUE FRONTIER

OCEAN EXPLORATION TRUST | UNIVERSITY OF NEW HAMPSHIRE | UNIVERSITY OF RHODE ISLAND
UNIVERSITY OF SOUTHERN MISSISSIPPI | WOODS HOLE OCEANOGRAPHIC INSTITUTION

oeci

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 website development, video/data engineering, media production, and/or science communication.

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 (UNH), the University of Southern Mississippi, and the non-profit, 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 support the Blue Economy. The B2OE Program, based out of URI/GSO's Ocean Science Exploration Center, is an experiential program key to advancing this mission. Currently, the OECI is recruiting **up to five students** to participate in this **PAID**, **part-time, experiential learning program,** with the following project pathways:

Computer science and machine learning
Ocean exploration data science
Interactive digital web design
Media production and 3D animations
Science communication and social media

Project Pathway Breakdown- Interactive, Digital Web Design
- Update the OECI website with new content for OECI data products (various, large volume data produced during ocean exploration expeditions) including a map-based representation.
- Other project tasks include development/implementation of an online data tracking system, development of pre-cruise data management plans, creation of metadata requirements, etc.

- *Useful coursework/experience requested for the web design project pathway:*
  - Familiarity with WordPress website development and management, plug-in implementation
  - Computer science coursework: Programming Concepts, Introduction to Data Analytics, Database Design & Management, Web Development
  - GIS/ESRI experience (mapping, plugin)- preferred but not required

- *Benefits to BOE Program participation:*
  - PAID, part-time opportunity; up to $17/hour salary.
  - Exposure to cutting-edge ocean science, engineering, and media production technologies and best practices at the ISC and within the OECI.
  - Collaboration with OECI personnel; field trips to tour URI, WHOI, and UNH facilities.
  - Opportunity to remotely participate in expeditions about/aboard NOAA *Okeanos* and (EV) *Nautilus.*
  - Peer-to-peer interaction with other ocean science and exploration interns with NOAA Ocean Exploration and other OECI partners, including Tuskegee University.
  - Information exchange and networking opportunities with industry professionals during a "Blue Economy Career Fair", March 2023.

In addition to the above mentioned part-time experience, additional program requirements and expectations include:
- Up to 16h/week (November 2022- May 2023)
- 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 OECI student events.
- Participation in pre- and post-experience 360˚ evaluation.

Eligibility:
- Currently enrolled CCRI students (undergraduate/associate's degree, and/or workforce certificate candidates)
- Degree, major, or intent to major in a field relevant to the OECI'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.
  - *Preferred (but not required) for this pathway: Computer Studies Students (all concentrations)*

Application Requirements:
- **Interested students must complete the [OECI B2OE online application](#) on or before October 12, 2022.**

- In addition to this application, interested individuals will also be required to submit their current resume
- Submit 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.).

Applications will be reviewed and analyzed based on merit and relevant experience. Potential participants will be notified by **October 21, 2022**, for an in-person or virtual interview. Final selections will be made on or before **November 4, 2022**, and candidates will be notified of their program status. **The anticipated program start date, with an on-site orientation at URI's Graduate School of Oceanography campus in Narragansett, RI, will be November 15, 2022.**

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