



NSF OOI Education

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October, 2023

2023 Awards related to OOI Education

- **OCE – 2316075: OOI Data Labs** - Rutgers University, Stockton University, Hillsborough Community College, City University of New York Queens College, and the Science Education Resources Center at Carleton College will support curriculum development and student engagement using advanced technologies of the OOI.
- **OCE – 2308556 – Microcredentials at the Marine Technology Society** MTS with Rutgers University and Northwestern Michigan College. Microcredential curriculum will be developed and tested. Initial micro-credentials will focus on 1) Underwater Gliders; 2) Remotely Operated Vehicles (ROVs); 3) Sonar, and 4) Deck Operations.



Current opportunities for OOI Education proposals

NSF 22-059 Dear Colleague Letter that encourages curriculum development proposals with the goal of improving the education of the next generation of ocean technicians, data scientists, ocean engineers, and ocean scientists.

- <https://www.nsf.gov/pubs/2022/nsf22059/nsf22059.jsp>

NSF 23-134 Dear Colleague Letter that encourages workshop proposals to develop connections between academic departments and ocean industries.

<https://www.nsf.gov/pubs/2023/nsf23134/nsf23134.pdf>



Other Proposal opportunities:

NSF 21-124 - Dear Colleague Letter: Critical Aspects of Sustainability (CAS): Innovative Solutions to Climate Change

Research Addressing Synergistic Topics. Proposals addressing cross-cutting topics could focus on technology and **workforce development** with an emphasis on behavioral and social aspects related to climate mitigation and adaptation. Topics may include:

- Measurement and sensing innovations;
- Artificial Intelligence and other data analytics, computational and statistical modeling and simulation approaches that directly address climate change solutions;
- Understanding the role of human behavior in achieving mitigation strategies;
- **Energy and climate education, capacity building, and broadening participation.**

