

OCEAN CLASSROOM LIVE!

Shipmates: How Crew and Scientists Collaborate (S2, E8)

EDUCATOR SUPPORT MATERIALS

THE
UNIVERSITY
OF RHODE ISLAND
GRADUATE SCHOOL
OF OCEANOGRAPHY

A successful research cruise relies on the hard work of all those on the vessel – the ship’s crew and the scientific party must work together to accomplish their goals. On this episode of Ocean Classroom (Live!), join the Master of URI’s Research Vessel Endeavor, Christopher Armanetti, marine technician Kylie Pasternak, and GSO professor Karen Wishner as they discuss their onboard roles and how they collaborate to make at-sea research a success.

Discussion Questions

- Why is at sea research important?
- What are ways collaboration happens on board a research vessel?
- What are the components of a research cruise?

Resources

Graduate School of Oceanography

As one of the nation’s premier academic oceanographic institutions, the University of Rhode Island’s Graduate School of Oceanography (GSO) educates marine scientists, students, policymakers, business leaders and citizens and helps develop the knowledge and skills necessary to address present and future marine challenges.

- GSO: <https://web.uri.edu/gso/>
- Inner Space Center: <http://innerspacecenter.org/>
- Rhode Island Teachers At Sea:
<https://web.uri.edu/gso/research/outreach/rhode-island-teachers-at-sea-program/>
- GSO Ocean Classroom: <https://web.uri.edu/gso/outreach/ocean-classroom/>
- GSO Facebook: <https://www.facebook.com/URIGSO/>
- GSO YouTube: <https://www.youtube.com/c/URIGraduateSchoolofOceanography>
- GSO Twitter: <https://twitter.com/urigso>
- Meet Karen Wishner: <https://web.uri.edu/gso/meet/karen-f-wishner/>
- Learn all about R/V Endeavor: <https://web.uri.edu/gso/research/endeavor/>
- Bay Campus Live Cam: <https://web.uri.edu/gso/webcams/bay-campus-live-webcam/>

Other Resources

- Forging the Future of Ocean Science short doc: <https://youtu.be/INtosWlboSc>
- Regional Class Research Vessels Overview: <https://ceoas.oregonstate.edu/regional-class-research-vessel-rcrv>
- Regional Class Research Vessels Outreach: <https://ceoas.oregonstate.edu/regional-class-research-vessel-outreach>
- Regional Class Research Vessels FAQs: <https://ceoas.oregonstate.edu/regional-class-research-vessel-faq>
- Regional Class Research Vessels construction webcams: <https://web.uri.edu/gso/webcams/>
- At-Sea Internship Opportunities for College Students
 - MATE Program: <https://www.marinetech.org/internships/>
- Science, Technology, Engineering and Math Student Experiences Aboard Ships (STEMSEAS) Program: <https://mlp.ldeo.columbia.edu/stemseas/>

Suggested Standards

Ocean Literacy Essential Principles and Fundamental Concepts

[Ocean Literacy Principles](#)

OLP1: The Earth has one big ocean with many features.

OLP7: The ocean is largely unexplored.