

BUILD CONFIDENCE IN STEAM!

This fellowship seeks to expose young students to a wide range of marine careers in science, technology, engineering, art, and mathematics (STEAM).

All levels of experience welcome



Ocean STEAM Powered Fellowship

Newly expanded and all Mass high school sophomores and juniors are welcome to apply!

Apply by March 20, 2026

WHO IS ELIGIBLE?

We welcome students who are:

- Current residents of and students in Massachusetts,
- Current high school sophomores and juniors, and
- Available for both sessions, August 2-8 and 9-15.

LEARN MORE AT THE INFORMATION SESSION!

Have questions about the program? Get answers at our Zoom session on February 23, 2025 (6pm-7pm). Use the QR code to register.

Email Grace Simpkins
gsimpkins@whoi.edu
with any questions!



Why O-STEAM?

CAREER EXPLORATION

O-STEAM student fellows will work with a team of researchers to explore a variety of STEAM-related activities. The immersive experience seeks to expose the participants to a wide range of marine careers, involve them in research, and help them form meaningful connections with scientists, educators, and fellow students.

COMBINING STEM WITH THE ARTS

O-STEAM fellows will integrate science with arts and humanities by working with our communications team to learn how to share their research and experiences with their community.

THE POWER OF EXPERIENCE

First-hand learning experiences in the field and the lab can foster impactful lessons. By working with world-class researchers, fellows will support and learn from top scientists in the field.

FREE OPPORTUNITY

There is no cost to participate in this program. Housing, meals, and all program activities are fully covered.

What will you do?

- Explore several professional labs and shipboard oceanographic techniques
- Work with interactive sound analysis software and dolphin acoustic data
- Construct and deploy a hydrophone (underwater microphone) during a kayak trip (weather dependent)
- Test water quality
- Connect with a range of professionals to explore marine STEAM careers and form meaningful connections
- Observe marine mammals in the field on a whale watch (weather dependent)

We are committed to creating a welcoming and dynamic learning environment that brings together and values a variety of perspectives and life experiences. O-STEAM was designed to expand access to ocean sciences by encouraging students who may not otherwise have opportunities to participate in hands-on research and fieldwork. Participants are selected based on interest, curiosity, and potential, and all applicants are given equal consideration.

How to apply

Learn more about the fellowship and how to apply online at seagrant.whoi.edu/k-12/o-steam. Applications are due by March 20. Notifications will be made in April 2026.

Email Grace Simpkins
gsimpkins@whoi.edu
with any questions!



QR code to application

