

Ocean STEAM Powered Women Fellowship



The 2024 O-STEAM Fellowship is a collaboration between WHOI Sea Grant at the Woods Hole Oceanographic Institution and Sea Education Association.

BUILD CONFIDENCE IN STEAM!

This fellowship aims to promote diversity and expose young women to a variety of careers in science, technology, engineering, art, and mathematics (STEAM).

WHO IS ELIGIBLE?

We welcome students who are:

- Interested in being in a female-identified space,
- Current residents of and students in Massachusetts, and
- Current high school sophomores and juniors
- Available August 11-17, 2024

* No experience required *



LEARN MORE AT THE INFORMATION SESSION!

Have questions about the program?
Get answers at our Zoom session on
Tuesday, March 5, 2024, at 6 p.m.

Please use the QR code to register for
the information session.



Why O-STEAM?

CAREER EXPLORATION

O-STEAM student fellows will work with a predominantly female team of researchers to explore a variety of STEAM-related activities. The team will explore challenges that are unique to women in science. Seeing themselves represented, our teens can gain a sense of belonging.

COMBINING STEM WITH THE ARTS

O-STEAM fellows will integrate science with arts and humanities by working with our communications team to tell their multimedia “Story of Science.”

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 female scientists in the field.

FREE OPPORTUNITY

The fellowship award includes travel to and from Woods Hole, food, and accommodations. There is no cost to the participants.

What will you do?

- Learn about shipboard oceanographic techniques
- Explore several professional labs
- Work with interactive sound analysis software and dolphin acoustic data in the lab
- Construct and deploy a hydrophone (underwater microphone) during a kayak trip (weather dependent)
- Connect with a variety of professionals to explore STEAM careers and build a network
- Observe marine mammals in the field on a whale watch (weather dependent)

This fellowship encourages applicants from groups historically underrepresented in the ocean sciences – especially with respect to gender identity/expression, race, ethnicity, and socioeconomic status.

How to apply

Learn more about the fellowship and how to apply on the O-STEAM web page. Applications are due by April 4, 2024. Notifications will be made in May 2024.

