



EARTHWATCH: GIRLS IN SCIENCE FELLOWSHIP

BUILD **CONFIDENCE** IN STEM

This year Earthwatch teams up with Woods Hole Sea Grant at the Woods Hole Oceanographic Institution for another year of the Girls in Science Fellowship.

This fellowship aims to promote diversity and expose young women to a variety of marine careers in STEM.

WHO IS ELIGIBLE?

- Current Sophomores and Juniors in high school
- Currently a student in Massachusetts
- Excited to work with a team of diverse students and scientists at the Woods Hole Oceanographic Institution exploring bioacoustics and marine mammal research
- Available August 8–15, 2020

QUESTIONS?

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earthwatch.org/education/student-fellowships/girls-in-science



WHY GIRLS IN SCIENCE WITH EARTHWATCH?

BUILD **CONFIDENCE** IN STEM

• **Women Inspiring Women**

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

• **Combining STEM with the Arts and Humanities**

Through exercises and skill building, Girls in Science will integrate science with arts and humanities by helping student fellows develop multimedia pieces to tell their "Story of Science."

• **Getting Ahead: 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.

• **Fully-Funded Opportunity**

Food and accommodations are provided during the program. Limited field gear and transportation stipends available.

WHAT WILL YOU DO?

- Learn shipboard oceanographic techniques
- Explore several professional labs
- Work with interactive sound analysis software and dolphin acoustic data
- Construct and deploy a hydrophone (underwater microphone)
- Visit the New Bedford Whaling Museum
- Capture elements of your experience for a Multimedia Story of Science piece for sharing
- Identify whales, dolphins, and seabirds on a vessel

HOW TO APPLY:

- Complete the Girls In Science Student Application Form by midnight on March 30, 2020 at: earthwatch.org/education/student-fellowships/girls-in-science
- Applications are reviewed by a panel of representatives from Earthwatch. You'll find out if you have received a fellowship in April 2020.

We are committed to assembling a diverse group of fellows. This fellowship encourages applications from teens identifying with groups historically underrepresented in the ocean sciences -especially with respect to gender identity, race or ethnicity, and socioeconomic status.