Ocean Exploration Education Highlights November 2017

Application for NOAA Teacher at Sea Program’s 2018 Season opens November 1!

The Office of Ocean Exploration and Research (OER) is accepting applications for teachers to participate in the Teacher at Sea Program for the 2018 season. This unique ocean exploration opportunity invites educators to participate in the NMFS National Marine Sanctuary Office (NMSO) and National Oceanic and Atmospheric Administration (NOAA) sponsored Teacher at Sea Program (TAS). The Teacher at Sea Program offers educators the opportunity to work alongside scientists, engineers, and other professionals in the field of ocean exploration. Participants onboard will experience hands-on marine science and technology training, and will work closely with scientists to conduct ocean exploration research, creating opportunities for them to assist and contribute to the research. Teachers can work aboard the NOAA Ship Okeanos Explorer for three expedition periods between January 2018 and November 2018. The Teacher at Sea Program also provides educators the opportunity to bring the excitement of ocean exploration to their students. Educators who participate in the Teacher at Sea Program will get to experience groundbreaking technologies and gain insights into the cutting edge of marine science through data from the expedition. Teachers will also have the ability to take this experience back to their classrooms through tools and resources from Ocean Explorer Education Highlights, the OER’s newsletter for educators. For more information, contact OER’s Education Outreach Team at education@oer.noaa.gov.

Sail on E/V Nautilus Summer & Fall of 2018 - Science Communication Fellowship!

Teacher and Informal Educators: 

The Explorers Society is excited to launch the 2018 Science Communication Fellowship (SCF) with the Ocean Exploration Trust. This fellowship will provide educator-fellows with hands-on science communication training and support to help them bring the excitement of ocean exploration to their students. The SCF will begin with the 2018 Expedition to the Gulf of Mexico and continue through the fall. Teacher-fellows will receive ongoing support and training to develop a project that will engage their students in ocean science and technology. The SCF is open to K-12 educators, informal educators and teachers from across the United States. For more information, visit www.OEWebsite.org/TeacherFellowship.

Join the Upcoming Expedition!

From November 20-December 10, 2017, the Bunkering Fugro为主要研究平台的海洋探索国际团队将致力于南大西洋和南太平洋的海洋探索工作。本次南太平洋海洋探索将采用的设备包括已经成功运用在南大西洋的深海探索器。本次海洋探索将为科学界提供一个了解南太平洋海洋生态系统的机会，对当地居民的生活和文化有着重要的影响。本次海洋探索将产生大量的数据，用于支持科学界对南太平洋海洋生态系统的研究。本次海洋探索将历时一个月，期间将进行多次深海研究，获取大量的海洋数据。本次海洋探索将采用深海探索器，对海洋生态系统进行深入研究。

Getting to Know the Women of the Wardroom

Did you know that 43% of the OER Professional Development Workshops are led by female educators? From small group workshops to large scale conferences, our professional development opportunities are led by women. These women are leaders in the field of ocean exploration, engineering, science, and marine education. From these sessions, there is a wealth of knowledge provided to educators. 

NOAA Coral Reef Reef Protection Program uses the Wardroom to inspire educators to learn about the challenges facing our coral reefs. By using the Wardroom as a platform, educators can learn about the importance of coral reefs to the health of our oceans, and how they can help protect these vital ecosystems.

Exploring the Deep Ocean with NOAA: Educator Professional Development

The Explorers Society offers a variety of professional development workshops and resources for educators interested in the ocean. These workshops are designed to introduce educators to the latest research and technologies used in ocean exploration. The workshops are led by experienced ocean scientists and educators who can provide insights into the field of ocean exploration. 

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To learn more about the 2018 Summer and Fall program, please visit our website at www.OEWebsite.org/TeacherFellowship.