



NOAA Ship *Okeanos Explorer*: America's Ship for Ocean Exploration.
Image credit: NOAA. <http://oceanexplorer.noaa.gov/okeanos/welcome.html>

Why Explore?

To understand, manage and protect the ocean and its resources, NOAA believes it is critical to support a systematic program of ocean exploration, using the best of ocean technology to explore, discover, inform, educate, and motivate. The NOAA Ship *Okeanos Explorer* is a new and valuable asset to help us understand more about the unknown ocean.



Okeanos Explorer crew launch *Little Hercules* during test dives off Hawaii. Image courtesy of NOAA INDEX-SATAL 2010.
<http://oceanexplorer.noaa.gov/okeanos/explorations/10index/background/rov/media/launch.html>



National Oceanic and Atmospheric Administration (NOAA)
Office of Ocean Exploration and Research
oceanexplorer.noaa.gov

**NOAA Ship *Okeanos Explorer*:
America's Ship for Ocean Exploration**

Why Do We Explore? Professional Development

for Educators of Grades 5-12

Saturday, April 21, 2012

8:30 am – 4:00 pm

**Shedd Aquarium
Chicago, Illinois**

All life on Earth relies on the ocean— yet, the ocean is 95 percent unexplored, unknown and unseen by human eyes...

An essential component of NOAA's Office of Ocean Exploration and Research mission is to enhance ocean science literacy, and to build interest in careers that support ocean-related work. To help fulfill this mission, the ***Okeanos Explorer* Education Materials Collection** was developed to encourage educators and students to become personally involved with the voyages and discoveries of the *Okeanos Explorer*—America's first Federal ship dedicated to Ocean Exploration. Join NOAA OER Facilitator, Beth Day-Miller, as we introduce Volume 1 of the ***Okeanos Explorer* Education Materials Collection: *Why Do We Explore?*** Participants will learn how to use inquiry- and standards-based lessons and other online resources that guide classroom inquiries into several important reasons for ocean exploration including Climate Change, Energy, Ocean Health and Human Health.

Registration is required and space is limited. Educators who attend the full day will receive a \$50 stipend. Each participant will receive **Volume 1** of the ***Okeanos Explorer* Education Materials Collection, *Why Do We Explore?***, materials related to activities presented during the workshop, a NOAA Ocean Exploration Certificate of Participation, continental breakfast, and lunch.

Registration Deadline is April 6, 2012

For registration forms, e-mail
teacherservices@sheddaquarium.org
Questions? Call (312) 692-3165