



NOAA NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION
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Honolulu teacher returns from oceanographic research cruise

Becky Moylan, a science teacher at Central Middle School, returned today after 10 days of assisting scientists on an oceanographic research mission off the coast of Hawaii

"I learned so much about what's being studied in my students own environment right here in Hawaii," said Moylan. "When we do our unit on mechanical and electromagnetic waves this year, I will be able to tell them about our mission using bioacoustics to evaluate the marine ecosystem in the Kona Coast region of the Big Island. Having interviewed most of the people on the NOAA ship, *Oscar Elton Sette* about their educations and careers, I will be able to tell my students how they could help with the effort to better our environment."

Moylan boarded the NOAA ship *Oscar Elton Sette*, on July 1st in Honolulu, Hawaii. She assisted the scientist in trawling for fish, taking water samples, and tracking fish with acoustic equipment. While at sea, the NOAA ship *Oscar Elton Sette*, like many NOAA ships, conducts research 24 hours a day with researchers working in long shifts. Moylan also kept a blog of her experience, accessible at <http://teacheratsea.wordpress.com/category/noaa-teacher-at-sea-2/becky-moylan/>. Photos from her blog are free and available for use by media with proper credit.

"NOAA's Teacher at Sea program immerses teachers in hands-on research experiences that give them clearer insight into our ocean planet, a greater understanding of maritime work and studies, and increased knowledge of environmental literacy," said Jennifer Hammond, the program's director. "Participating in real-world research allows teachers to gain experience actually doing science, which makes a significant impact when they bring back their knowledge to their classrooms, teaching students how the oceans affect their lives."

Now in its 21st year, the program has provided over 600 teachers the opportunity to gain first-hand experience participating in science at sea. This year, NOAA received applications from more than 250 teachers, and chose 33 to participate in research cruises. The educators chosen are able to enrich their curricula with the depth of understanding they gain by living and working side-by-side, day and night, with scientists studying the marine environment.

NOAA's mission is to understand and predict changes in the Earth's environment, from the depths of the ocean to the surface of the sun, and to conserve and manage our coastal and marine resources. Find us on [Facebook](#).