



Communicating Ocean Sciences

Professional Development Workshop for Scientists and Educators

4-5 June 2011 ~ University of Hawai'i Hilo Campus

About the Workshop

- This workshop will strengthen your knowledge about how people learn and help you apply it to enrich and validate the experiences of students, visitors, and the general public.
- The workshop draws on instructional elements developed at UC Berkeley Lawrence Hall of Science and the University of Hawaii.
- It is designed for scientists and educators who want to enhance their skills in teaching and communicating about ocean sciences to diverse audiences in Hawaii.

Components of the Workshop

Day 1: Theory and Practice of Teaching through Inquiry and Modeling Science

- Beliefs, Behaviors, and Goals; Nature & Practice of Science
- Building Understanding; Learners' Prior Knowledge
- Teaching Science as Inquiry
- Process of Science vs. Content of Science
- Scientific Literacy and Ocean Literacy
- Scientific Language

Day 2: Contextualizing Ocean Science Learning for Hawaii

- Traditional Knowledge and Science Curricula
- Ocean Story Telling and Traditional Place Names
- Integration of Science and Culture
- Demonstration and Modeling of Place- and Culture-based Activities

Participating in the Workshop: Who, Where, When, and How

The workshop will be conducted by a variety of science educators from the University of Hawaii and held at the UH Hilo campus in Hilo. The workshop (including all materials, coffee breaks, and lunch) is **FREE** through a National Science Foundation collaborative grant with University of Hawai'i and the Center for Ocean Science Education Excellence – California (COSEE-CA). Limited travel stipends and accommodations are available for neighbor-island participants. For additional information about the workshop, contact Judy Lemus at jlemus@hawaii.edu or 808.236.7422

Complete the attached application form and send to Dr. Judy Lemus at

Email: jlemus@hawaii.edu

Fax: 808.236.7443

Mail: Judy Lemus: COSIA Workshop

Hawaii Institute of Marine Biology, P.O. Box 1346, Kaneohe, HI 96744

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Please complete and return the application form by **4 April 2011**. Once you have been accepted into the workshop, you'll receive additional detailed information including an agenda, maps to the workshop location, and details about meals and transportation. Some stipends are available to neighbor islands professionals for round-trip air transportation and accommodations.

Name (Last, First) _____

Name of Organization/Business _____

Position/Role _____

Reason(s) for wanting to participate in this workshop? _____

Address _____

City, State, Zip _____

Position _____

Email Address _____

Home Phone _____

Work Phone _____

Cell Phone _____

Dietary Needs: Vegetarian Vegan Other? _____

I'm applying for a neighbor-island travel stipend

Please arrange accommodations for me at UH Hilo

I am interested in a guided field trip to Halemaumau crater the evening of Friday, June 3

Send completed application form to Dr. Judy Lemus at

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