

LEARN TO TEACH SCIENCE AS INQUIRY: AQUATIC SCIENCE

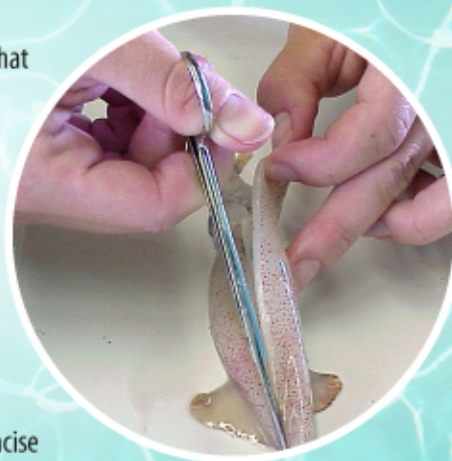
Enroll in CRDG's "Teaching Science as Inquiry" professional development that focuses on helping teachers

- obtain an overview and understanding of inquiry as a pedagogical approach.
- engage students with different learning styles.

This 2- or 3-day course draws from the Fluid Earth/Living Ocean marine science curriculum. The course gives participants an opportunity to explore the biotic and abiotic aspects of our water planet, including integrated study of ecology and human impacts on the environment. Because everyone relies on water in some way, the activities are very adaptable to a wide variety of aquatic habitats. Inquiry activities in the course include investigations of sand and sand forming processes, fish form and function, and pollution.

The instructional materials are built around laboratory studies, while the class is conducted as a community of working scientists with the instructor as the principal investigator.

The professional development involves participants in the kinds of activities that characterize a modern scientific community. The methods of investigation adhere rigorously to the demands for community validation, with careful attention to experimental design, the setting of controls, execution of experimentation, and interpretation of results. By conducting their own laboratory and field investigations, teachers develop their own laboratory skills, thinking skills, and content backgrounds, which enable them to better facilitate and coach students in conducting science in their classrooms.



The program is flexible because you choose the time and location. This concise yet comprehensive course can accommodate up to 30 teachers. To find out more, please contact us at 1-800-799-8111 or crdg@hawaii.edu.

Call Now for Open Dates!

University of Hawai'i at Mānoa



Curriculum Research & Development Group

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