

From: Kanesa Duncan <kanesa@hawaii.edu>
Subject: KAUI: PD workshop in aquatic sciences - all day Oct 6/7 with evening follow up Jan 15th
Date: August 19, 2008 11:56:03 AM HST
To: hasta-l@hawaii.edu
▶ 1 Attachment, 3.0 MB

Dear Kauai Educators,

On behalf of University of Hawaii Sea Grant, we are delighted to invite you to an aquatic science based workshop in Teaching Science as Inquiry (TSI) hosted by the University of Hawaii's Curriculum Research & Development Group.

Audience: Middle & High School Teachers (PDERI credit available 4th-12th grade)

Location: Kapa'a High School, Kauai'i

Cost: \$15.00 payable to CRDG

Credit: HI DOE PDERI credits available.

Workshop dates: October 6 & 7, 2008

Time: 8:00 a.m. – 3:30 p.m.

Follow-up date: January 15, 2009

Time: 5:00 p.m. – 8:00 p.m.

Registration: deadline September 26, 2008

956-4969 or crdq@hawaii.edu.

Description:

Teaching Science As Inquiry (TSI): Aquatic Science

TSI is a supportive, skills-based professional development experience that builds inquiry into existing professional practice through implementation of communication and teaching skills. This professional development 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. Activities include investigations of sand and sand forming processes, fish form and function, and pollution. The instructional materials are built around laboratory studies. The class is conducted as a community of working scientists with the instructor as the principal investigator.

Participants will have the opportunity to develop skills in the following:

Scientific Inquiry - observation, hypothesis generation, experimentation, and analysis.

Lab Skills Development - information collection and data analysis techniques.

Verbal / Written Reporting - presentation, documentation, and referencing of findings.

Problem Solving - identification, research and eventual understanding.

Community Participation - working with others, taking on responsibility, asking for and acknowledging help, showing respect.

Reflection - contemplating sources of error and alternate explanations for observations and results.

To register contact CRDG at 956-4969 or crdq@hawaii.edu

For questions about content, please feel free to contact me by email or phone.

Mahalo,
Kanesa Duncan, PhD

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