

Mālama I Ka 'Āina, Sustainability
EDCS 433 Interdisciplinary Science Curriculum (3 Cr)
&/or EDCS 450 Materials & Methods (3 Cr)
Hawai'i & O'ahu: UH-Mānoa, Field Sites
Limit 20, Taught Concurrently

Schedule:

- O'ahu teacher orientation: June 3, 2011, 9 a.m.-12 p.m., UHS 1-107.
- Hawai'i Island Immersion: M-F June 6-10, (Travel, meals, lodging provided)
- June 24 &/or 25, July 2 &/or 3, Oct. 7 &/or 8, March 16 & 17, 2012, UHS 1-107.

Preregister: chinn@hawaii.edu (Name, school, grade/subject, why you are enrolling)

Enroll: \$800 Tuition Support per class provided by *Kūlia I Ka Nu'u*, NHEA.

- Pay Outreach College Administrative Fee of \$158 per class when you enroll.
- Stipends (June/October/March) vary based on air travel to subsequent classes.

Instructor: Pauline Chinn, chinn@hawaii.edu, Huihui Kanahale-Mossman. Michelle Kapana-Baird, Matt Kanemoto, Alyson Barrows, Sabra Kauka, Manuel Jadulang, Mahina Hou Ross, Kellie Kong.

Course Goals: Hawaiian practices, sayings, chants, and stories are sources for science learning. The saying *Hahai no ka ua i ka ululā'au*; Rains always follow the forest (Pukui, 1983) recognizes that mists condense on trees and enter the groundwater. Thus Hawaiians protected forests that preserved the watershed. We apply curriculum-mapping strategies to write, teach, and assess hands-on, standards-based lessons connected to students' cultures, places, and issues. Our goal is to increase student engagement, interest, and success in science. We plan to collaborate with the Polynesian Voyaging Society on lessons oriented to sustainability.

Course Objectives: EDCS 433 and 450 will enable you to:

1. Use course activities to write, teach, and assess Hawaii-focused, inquiry lessons.
2. Connect real issues to lessons oriented to sustainable communities and ecosystems.
3. Include community resources in lessons characterized by rigor, relevance, relationships, and responsibility.

For information: chinn@hawaii.edu
Kūlia I Ka Nu'u <http://manoa.hawaii.edu/coe/kulia/>

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