

Re-Thinking Science & Engineering Learning & Teaching

A 1-day Introductory Workshop as part of the
ISEE/CfAO Professional Development Program

January 10, 2009

10:30 am – 6:30 pm

Institute for Astronomy, Pukalani, Maui

PRIORITY REGISTRATION BY Wednesday, December 3, 2008

Who this workshop is for:

- Scientists and engineers with a strong interest in education (includes graduate students, postdocs, and professionals)
- College faculty who teach science, engineering or technology
- Educators who work in science, engineering, or technology programs outside of K-12 classrooms (outreach or supplemental education programs)
- Any of the above who are interested in further participation in the Professional Development Program – this workshop is a **required** first step!
- Past Professional Development Program participants who feel that they need a “refresher” (please contact us to discuss)



What is included in this workshop:

- Comparing Approaches to Hands-On Learning
- How People Learn Science
- More information on the Professional Development Program and how to apply

The Professional Development Program

This workshop is part of the ISEE/CfAO Professional Development Program (PDP). You may attend just this 1-day workshop, or you may apply to participate in the full PDP, which includes additional workshops and a teaching experience:

- *Inquiry in Science & Engineering Learning & Teaching* – An intensive comprised of many workshops for experiencing, reflecting on, and applying inquiry in activity design, May 8-12, 2009, Maui
- Join a team to design an inquiry activity – spring and summer 2009
- *Facilitating Learners Engaged in Inquiry* and *Final Planning for Inquiry Activities* – ~½ day of workshops, summer 2009, date/location TBD, but in Hawai‘i
- You and your team teach your design and reflect on the experience – summer/fall 2009

Contact:

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Contact us for a registration form or see <http://cfao.ucolick.org/EO/PDP/>

The Professional Development Program (PDP) was developed by the NSF Center for Adaptive Optics (CfAO). In 2009 the PDP is a joint project of the CfAO and the new Institute for Scientist and Engineer Educators (ISEE) at UC Santa Cruz, and continues to include Hawai‘i participants through the Akamai Workforce Initiative (AWI).