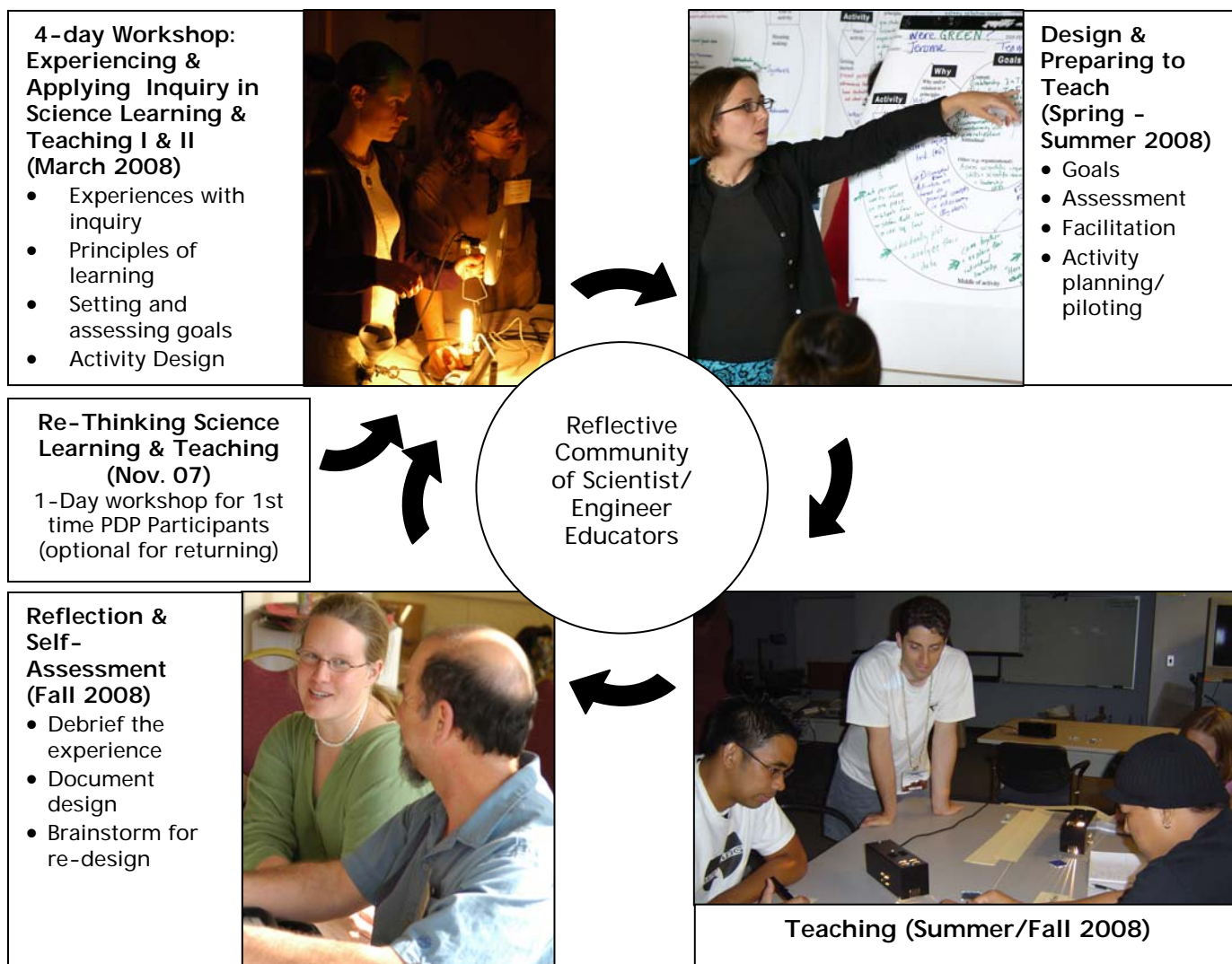


CfAO Professional Development Program

The CfAO Professional Development Program (PDP) is a flexible, multi-year program for scientists and engineers at the early stages of their careers, with a primary focus on graduate students. All participants in the PDP attend a 4-day teaching workshop held in March 2008. (First time participants also attend a 1-day introduction, held in Nov. 2007.) Participants work on a design team during and after the workshop, continue developing skills through mini-workshops and expert consultation, and put their new teaching skills into practice. The practical teaching experience takes place in “teaching labs” – CfAO-affiliated educational programs or courses. PDP participants leave the program as highly trained, innovative, and reflective scientist/engineer educators.

The PDP Experience



Scholarships and travel awards available!

For information about the PDP contact:

Lisa Hunter, 831-459-2416 or 808-573-9542, hunter@ucolick.org

2007-2008 PDP Workshops

The 2007—08 PDP will include 4 workshops:

1. Re-Thinking Science Learning & Teaching (1-day)
2. Experiencing and Applying Inquiry in Science Learning & Teaching I & II (4-days)
 - I. New participants
 - II. Returning participants
3. Facilitating Learners Engaged in Inquiry (1/2-day)

Workshop Components

PDP workshops will include the following major sessions (and others not included here), although some revisions are underway:

Re-Thinking Science Learning & Teaching (Re-SLT):

This 1-day workshop is required for all new PDP participants, and will be offered twice in different locations: November 16, 2007, Maui, HI and November 30, 2007, Santa Cruz, CA. Re-SLT is not required for returning participants; however, returning participants who have been away from the PDP community for some time should consider attending as a “PDP refresher”.

This workshop includes:

- Comparing Approaches to Hands-On Learning
- How People Learn Science
- Lab Activity Design Presentations by Past PDP Participants

Experiencing and Applying Inquiry in Science Learning & Teaching I & II (X-SLT):

X-SLT is a 4-day intensive workshop that is a core experience, and brings together the entire PDP community. There are two workshops that run concurrently at times, and at other times merge into one large workshop. The workshop will be held in Maui, HI, March 13—17, 2008.

X-SLT I (new participants) includes:

- Learning Science Content Through Inquiry
- Designing Inquiry Activities
- Designing for Diversity

X-SLT II (returning participants) includes:

- Advanced Elements of Inquiry Design
- Elements of Engineering Design
- Leading & Designing Inquiry Activities
- Designing for Diversity

Facilitating Learners Engaged in Inquiry:

This workshop will be offered in May 2008, and prepares PDP participants for their coming teaching experience. Workshops will be offered in Hawaii and California based locations.

This workshop includes:

- Preparing to Facilitate Learning by Inquiry

More Information

More information and Re-SLT and X-SLT Applications are available at:

<http://cfao.ucolick.org/EO/PDWorkshop/>

Re-SLT Application Deadline: Oct. 15, 2007

X-SLT Application Deadline: Dec. 5, 2007

2007-2008 PDP Pathways

