



FOSS Middle School Summer Institute

FOSS Chemical Interactions Course July 19–23, 2010, at Lawrence Berkeley National Lab University of California at Berkeley

Lawrence Berkeley National Laboratory



This weeklong workshop will include

- In-depth experience with all of the investigations in the FOSS Chemical Interactions Course for grades 7–8, presented by the developers of the course and experienced middle school FOSS teachers.
- A tour of the Lawrence Hall of Science where the FOSS Project is housed.
- Tour of the Lawrence Berkeley National Laboratory research facilities, including the Advanced Light Source, the Molecular Foundry, and the Joint BioEnergy Institute.
- Presentations by leading researchers in chemical sciences at the Lab, including chemical physics and the dynamics of chemical reactions, electron spectroscopy, surface chemistry and catalysis, electrochemistry, and chemistry of the actinide elements and their relationship to environmental issues.

The Center for Science and
Engineering Education



This workshop is sponsored by

The Lawrence Hall of Science



Delta Education



Institute Information

Institute location

Lawrence Berkeley National Lab
University of California at Berkeley
<http://csee.lbl.gov/>

When

July 19– 23, 2010

Who should apply?

The workshop is designed for curriculum coordinators, FOSS consultants involved in professional development of middle school teachers, and grades 7–8 teachers planning to use the **Chemical Interactions Course** in their classrooms. Teams from districts are encouraged to apply. We will discuss the FOSS teaching strategies, learning needs of middle-level students and teachers, and the use of science notebooks and assessment as they relate to this FOSS course. As a result of the workshop, participants will be prepared to teach the **Chemical Interactions Course** to other educators and to support them in their teaching. Each participant will receive a set of the teacher and student print materials.



Registration deadline: June 4, 2010

There is a \$150 registration fee for this 5-day workshop. Registration is limited to 22 participants. The registration deadline is **Friday, June 4**. Once registered, you will have the option to pay online by credit card or to mail a check to the Lawrence Hall of Science.

Register online:

www.FOSSweb.com/user_signup/ci2010.php

Lodging

A block of rooms is being held at the Hotel Shattuck Plaza in Berkeley. Call the Shattuck Plaza directly (866-466-9199) to reserve a room on or before **June 10**. You should ask for the **FOSS Chemical Interactions Workshop** room rate.

Food

Morning refreshments and lunch will be provided each day of the workshop. We will have a group dinner at the Lawrence Hall of Science Wednesday evening, July 21.

Transportation

Travel to and from the workshop is your responsibility. If you will be flying in, use either the Oakland Airport (closer and more convenient) or San Francisco Airport. Plan to arrive Sunday, July 18. Information about shuttles from the airport to the hotel will be included with your confirmation. We will provide transportation between the hotel and the workshop each day.

More information

For additional information, contact Jessica Penchos: jpenchos@berkeley.edu, 510-643-5145



View information about FOSS Chemical Interactions at www.fossweb.com