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**Environment, Health, & Safety  
Training Program**

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**EHS 135 ~ Earthquake/Wildland Fire Safety**

**Course Syllabus**

**Subject Category:** Emergency Preparedness  
**Course Length:** 1.5 hours  
**Delivery Mode:** Class  
**Schedule:** Monthly or by special request  
**Location:** Bldg. 48-109

**Course Prerequisite:** No  
**Medical Approval:** No

**Course Purpose:** This course is designed to teach employees how to take the appropriate actions to protect themselves from the harmful effects of either a major earthquake in the Bay Area or an urban-wildland fire in the Oakland Berkeley Hills. The course covers the history of earthquakes and wildland fires in the Bay Area, predicted damage from a major earthquake on the Hayward Fault, the Lab's plan for managing emergency situations, and personal/home preparedness.

**Course Objectives:**

- Provide an overview of the effects of previous earthquakes as an indication of what the effects of a Hayward Fault 7.5 temblor would be at the Berkeley Lab.
- Provide an overview of the effects of previous urban-wildland fires in the Oakland-Berkeley Hills and their potential effects at the Berkeley Lab.
- Provide information on the Lab's plan to manage the effects of a major earthquake and instructions on what employees should do to protect themselves and respond to an earthquake.
- Provide information on plans already in place to protect the Lab from the effects of an urban-wildland fire in the Oakland-Berkeley hills.
- Provide information on how to prepare one's self and family for an earthquake including communications, emergency supplies, utility shut-off, supplies and equipment.

**Course Instructional Materials:**

- PowerPoint slide presentation
- Video Tape: Earthquake Preparedness Drill
- Video Tape: "May I have your attention, please"

**Instructor:**

Valerie Quigley (x7032) Lead

**Training Compliance Requirements:** 8CCR 3220(e), 3221(d)

**Course Handouts:** Pocket folder with appropriate handout materials.

**Participant Evaluation:** Written evaluations regarding the effectiveness of the trainer, the training and the visual aids.

**Written Exam:** No

**Practical Exam:** No

**Retraining/Recertification:** Recommended every two (2) years

**WEB Resource:** LBNL Emergency Services Web Page @ <http://www.lbl.gov/ehs/ep>