Before the quarter begins, do the following: Α. Review the lab schedule with Stockroom Technicians: changes, questions, etc. В. Learn what to do in case of various student injuries (burns, cuts, chemical, eye.) C. Learn what to do with troublesome students (unsafe behavior, cheating, etc.) D. Learn the fume hood fan failure protocol. E. Be aware of the Ventilation System Emergency Shutoff. At the beginning of the quarter, review the following with your students: Α. Laboratory safety: Location and use of safety equipment: fire extinguisher, fire blanket, eyewash, safety shower, spill cleanup. Earthquake procedures. Evacuation procedures. (Evacuation chair in SC N326) Chemical spills. Mercury spills. Broken glass. Review handout. В. Review PPE Eyes a. b. Skin C. Respiratory Review Employee's Right-to-know MSDS a.

(1)

(2)

On-line

Hard copy

- b. Other sources of information
- (1) CRC
- (2) Merck
- (3) NIOSH Guide

C.

- B. Waste jugs loosely capped (it's the law).
- C. Utilities off. Check hot plates.
- D. Lights off and room locked.

Before the quarter begins, do the following:

- A. Location and scope of the Chemical Hygiene Plan
- B. Review the lab schedule with Stockroom Technicians: changes, questions, etc.
- C. Learn what to do in case of various student injuries (burns, cuts, chemical, eye.)
- D. Learn what to do with troublesome students (unsafe behavior, cheating, etc.)
- E. Learn the fume hood fan failure protocol.
- F. Be aware of the Ventilation System Emergency Shutoff

At the beginning of the quarter, review the following safety issues with your students:

- A. Location and use of safety equipment: fire extinguisher, fire blanket, eyewash, safety shower, spill cleanup.
- B. Earthquake procedures.
- C. Evacuation procedures. (Evacuation chair in SC N326).
- D. Cleanup of chemical spills, mercury spills, broken glass.
- E. Review "Safety in the Laboratory" handout.
- F. Review PPE: eyes, skin, respiratory.
- G. Review Employee's Right-to-know

MSDS: on-line, hard copy

Other sources: CRC, Merck, NIOSH Guide

- H. Stockroom procedures: Check in and out, glassware at the window, grading.
- I. Billing reminder: return everything you checked out, always check out of locker.
- II. Before each lab period begins:

Α.

- A. Review safety issues relevant to the lab.
- B. Review waste disposal for the lab.
- C. Review equipment care.
- D. Never leave students unattended.
- V. Frequent reminders are needed on the following topics:
- A. Wear eye protection at all times. One can be blinded by a neighbor's mishap.
- B. No food or drink in the lab.
- C. Clean up your own spill-only you know what it is. Focus on balances.
- D. Report full waste jugs. Many students overfill them to over flowing.
- E. Cap reagents after use. Use the same cap. Don't mix dispensing pipettes.
- VI. After the lab ends be responsible to close down the room:
- A. Students gone.
- B. Waste jugs loosely capped (it's the law).
- C. Utilities off. Turn off hot plates.
- D. Lights off and room locked.