1. Fire and Life Safety Inspection Findings: Extension Cords *Thom Opal 10 min.*
   - Temporary Use Only (unplug at end of day); make sure not to overload
   - Replace with UL-listed multi-outlet strips that have circuit breaker and can handle load, or permanent wiring
   - Don’t run power cords through doorways, ceiling tiles, over lights, etc.
   - NFPA 2003-2006 statistics: caused 46% of household fires (6400 fires), 320 deaths, 400 injuries, $264Mil in property damage, during time period

2. Incidents, Concerns, and Corrective Measures *All Attendees; 5 min.*
   Yesterday’s exhaust fan outage: close fume hoods if you hear alarm
   Two minor injury incidents:
   1) methylene chloride and methanol mixture squirted in eye when clogged syringe filter popped off; eyewash, Tang Ctr; Whatman filters have pressure rating, and wider diameter resists clogging
   2) Light skin burns from UV light box, while visualizing gel; cover all skin w/lab coat (as well as UV-rated face shield)

3. Lab Coats *Thom Opal 10 min.*
   - Laundry/Rental Service – Mission Linen is Campus Vendor
   - Wear when using hazardous materials that present a dermal exposure hazard (corrosives, solvents [defatting agents], oxidizers, water-reactives, pyrophorics, sensitizers, acutely toxic and chronically toxic [carcinogens, mutagens, metals] materials
   Related to UCLA fatality: rumor is that there will be a Campus policy, making lab coats mandatory PPE in chemical use labs. I will send an email *POLL* to you and your PI, to assess interest in Mission Linen service. Coats laundered for as little as $0.67/week. This amounts to approximately $35 per year, per person ($98 for flame-resistant) cost. Coats may have an optional custom embroidered name emblem for a very low one-time fee ($0.50 per coat).

4. Earthquake Preparedness: Safer Chemical Storage *Thom Opal 20 min.*
   Try this out – and provide me feedback if improvements can be made
   - Prevent Fire and/or Poisonous Atmosphere
   - Focus on Liquids (>2L) and Highly Toxic or Reactive Solids
   - Liquid Categories: Oxidizing Acids, Non-Oxidizing Acids (organic acids), Caustics/Bases, Flammables, and Reactives
- Use secondary containment trays: usually plastic, or glass for oxidizers
  Physical hazards... Oxidizers are most reactive; Road flares are an example of oxidizer action on normal combustibles (potassium nitrate, potassium perchlorate, strontium nitrate, aluminum or magnesium, sawdust/charcoal).
- LBNL Lab “Stand-Down”: nitric acid incompatibilities with isopropanol & HF

Secondary containment trays are relatively cheap; Polypropylene (#5) examples... Polystyrene (#6) is quickly destroyed by oxidizers, acids, solvents – no good. HDPE (#2) is more expensive, from lab supply catalogs – use Pyrex for oxidizers.

5. Respiratory Protection Thom Opal 5 min.
   - Prior to purchase – consult with Thom/DSC, or EH&S
   - EH&S Respiratory Protection Program
   - Medical exam for ½-face mask or full
This is why we have fume hoods. I would rather find you another solution first

6. Safety Coordinator Announcements Thom Opal 5 min.
   - BioSafety: BSL 2 Locations – New Signs
   - Fire Alarms: cost $5K-$10K per event, from lost work time; FD re-charge
   - California Green Chemistry Initiative
     http://www.dtsc.ca.gov/PollutionPrevention/GreenChemistryResources/index.cfm
Everyone is green. Ethidium bromide to SybrSafe, for example. Xylene substitute (Slide Brite histology), which can “go down drain” - use precaution, get me to review, tell me of products that are good.

7. Agenda Items for Next Meeting (11-12 Wednesday, 9/9/09, room 177) All Attendees; 5 min.

Handouts:
- Chemical Storage for Earthquake Preparedness
- Extension Cords and Surge Protectors Fact Sheet