EH&S Presents…

LSR Quarterly Meeting

Thursday, August 22, 2013
Agenda

• EH&S Announcements
• Online Training Update
• Fume Hoods
• PPE: What’s Coming...
• Self Inspections
• Lessons Learned
EH&S Announcements

• LSR Responsibilities Update
  •  http://ehs.ucsc.edu/programs/research-safety/lab-safety-reps.html

• Building Evacuation Drills
  • ISB, CfAO, NS2 & Annex  September 17  between 9:30 AM and 11:00 AM  (Simultaneous)
  • E&MS  September 17  between 9:30 AM and 11:00 AM
  • Thimann  September 18  between 9:30 AM and 11:00 AM
  • PSB  September 18  between 9:30 AM and 11:00 AM
  • Sinsheimer  September 19  between 10:30 AM and 12:00 Noon
  • BioMed  September 19  between 10:30 AM and 12:00 Noon
EH&S Announcements - GHS

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<thead>
<tr>
<th>Oxidizers:</th>
<th>Flammables:</th>
<th>Explosives:</th>
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<tbody>
<tr>
<td><img src="image1.png" alt="Oxidizer Icon" /></td>
<td><img src="image2.png" alt="Flammable Icon" /></td>
<td><img src="image3.png" alt="Explosive Icon" /></td>
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<td>Acute toxicity (severe):</td>
<td>Corrosives:</td>
<td>Gases Under Pressure:</td>
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<td><img src="image4.png" alt="Health Hazard Icon" /></td>
<td><img src="image5.png" alt="Environmental Toxicity Icon" /></td>
<td><img src="image6.png" alt="Irritant Icon" /></td>
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EH&S Announcements - Shipping

- Hazardous Materials
  - Chemicals, infectious agents, radioactive material, GMMOs
  - Complete “Request to Ship” form
  - Contact EH&S 2 weeks in advance

- Dry Ice - See procedure doc

- [http://ehs.ucsc.edu/shipping/index.html](http://ehs.ucsc.edu/shipping/index.html)
Lab Safety Training

• New “Laboratory Safety Fundamentals”
  • ALL researchers must take this training, including visiting researchers and volunteers
  • Lab safety refresher training – every three years

• “Hazardous Waste Management for Laboratory Personnel” now required for all researchers
Fume Hoods

- Verify hood and alarm are functioning
- **DO NOT UNPLUG, MUTE OR DEFEAT ALARMS** = $18K per - CalOSHA Serious Violation
- Review, sign and follow the Users’ Guide For Your Building
- Keep the sash between you and your work and wear eye protection.
- Make sure that the airflow Monitor is within the required range.
- Report **All** Malfunctions to CamFac 9-4444 or wodesk@ucsc.edu and follow-up to ensure correction.
Personal Protective Equipment (PPE)

- "Outfit for Safety"

- Laboratory Hazard Assessment Tool (LHAT)
  - Online tool for conducting PPE risk assessment
  - PI must log in first and add lab group members
  - Conduct assessment
  - All lab group members log in and print certificate to obtain lab coat (and other PPE)

- "Stay Protected"

Fitting Event: Week of January 20, 2014
Self-Inspections

• Document Quarterly Self Inspections
• Annual PI Self Inspection – Signed
• Rotate Inspectors to Share Learning
Lessons Learned

• Ethyl Acetate Spill –
  – Use Proper Secondary Container for Transport

• Methylene Chloride Spill
  – Ensure equipment fittings are correct and sound

• Paraformaldehyde Exposure
  – Keep Hood Sash Low and WEAR EYE PROTECTION

• Suspicious Package
  – See Something – Say Something
Lessons Learned

• Suspicious Package:
  – Do Not Open or Handle
  – Call the Police 9-2231
  – Keep Others Away
Questions?