NEW! My Research Safety Web Portal
http://myresearchsafety.ucsd.edu

Environment, Health & Safety is pleased to introduce My Research Safety, a Web portal for centralized views of your EH&S audits, inventory, and authorizations. My Research Safety helps you manage research safety with online applications including:

- **EHS Research Profile** – Identify your lab contacts and locations; view safety authorizations and lab audits
- **Authorizations** – Apply for and manage research authorizations for regulated materials
- **Inventories** – View and export data about your chemical, controlled substance, and radioisotope inventories
- **ChemCycle** – Obtain free chemicals and donate usable surplus inventory through UCSD’s chemical reuse program
- **Radiation Risk Calculator** – Generate a risk statement and category for human research protocols
- **Department Safety Officer Tools** – View and export uniform fire code summary and chemical inventory details by building, and view lab audits by department

**Attention New PIs**

New principal investigators must be entered in EH&S’ database to access all of the applications on My Research Safety.

- Use the online PI Information form to be entered into the EH&S database: http://ehs.ucsd.edu/myresearchsafety/do/DisplayNewPiForm/

**NEW TRAINING VIDEOS**

**Working with Pyrophoric Reagents**
http://blink.ucsd.edu/go/pyrophoric

*Working with Pyrophoric Reagents* is a 3-part video series produced by Dr. Haim Weizman, UC San Diego Department of Chemistry & Biochemistry, in partnership with EH&S. Three videos demonstrate laboratory techniques for safely handling pyrophoric reagents, including Getting Ready, Transferring Pyrophoric Liquids, and Working With Reactive Metals.

**Controlled Substance Use Web Application**

EH&S has launched a new Controlled Substance Use (CSU) Web application, available now on My Research Safety’s Authorizations tab.

Research with controlled substances (CS) is strictly regulated by federal and state laws. CS Program manager Wendy Scott says the new application provides UC San Diego with a central and secure resource for essential business processes and internal controls, from authorization to inventory management.

PIs and their lab contacts use the CSU application to:

- Apply for a new CSUA
- Monitor approval status
- Add or remove authorized personnel
- Amend, renew, or terminate a CSUA
- Order and manage CS inventory
- Request disposal of CS

Master the CS Use application with training from Enrollment Central: http://enrollmentcentral.ucsd.edu/

Learn more about the CS Program on Blink at http://blink.ucsd.edu/go/cs/.

- High-risk biological agents
- Workplace reproductive hazards
- Class D extinguishers for metal fires
Preventing Reproductive Hazards in the Workplace

Exposure to certain chemicals, radioisotopes, and biological agents may cause problems, such as infertility, miscarriage, and birth defects. It's important for both men and women to understand the risks of possible reproductive hazards that may be present in research environments. Review Material Safety Data Sheets and Exposure Control Plans for chemicals and biological agents used in your workplace to learn how to protect yourself from unnecessary exposures.

A researcher may wish to declare her pregnancy (or intent to become pregnant) so EH&S can address possible reproductive hazards in her workplace and provide information about safe work practices for her physician's approval.

Declaration of pregnancy is voluntary and all information relating to the pregnancy is strictly confidential. Contact EH&S to voluntarily declare a pregnancy (you may choose not to declare a pregnancy). Radiation workers may use the Pregnancy Declaration form at http://blink.ucsd.edu/safety/research-lab/radiation/monitoring/pregnancy.html.

Read ‘Preventing Reproductive Hazards in the Workplace’ at http://safety/research-lab/laboratory/reproductive-hazards.html/.

For specific hazard information:

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<thead>
<tr>
<th>Chemical hazards</th>
<th>Radioisotopes</th>
<th>Biological agents</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-mail: <a href="mailto:ehschem@ucsd.edu">ehschem@ucsd.edu</a></td>
<td>E-mail: <a href="mailto:ehsrad@ucsd.edu">ehsrad@ucsd.edu</a></td>
<td>E-mail: <a href="mailto:ehsbio@ucsd.edu">ehsbio@ucsd.edu</a></td>
</tr>
<tr>
<td>Phone: (858) 822-1579 or 534-6138</td>
<td>Phone: (858) 822-2494</td>
<td>Phone: (858) 534-5366</td>
</tr>
<tr>
<td>Mail Code: 0089</td>
<td>Mail Code: 0089</td>
<td>Mail Code: 0091</td>
</tr>
</tbody>
</table>

For medical consultation:

<table>
<thead>
<tr>
<th>EH&amp;S Occupational Health nurse</th>
<th>E-mail: <a href="mailto:rsawtelle@ucsd.edu">rsawtelle@ucsd.edu</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone: (858) 534-8225</td>
<td>Phone: (858) 534-8225</td>
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<tr>
<td>Mail Code: 0091</td>
<td>Mail Code: 0091</td>
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Metal Fires: Use Class D Extinguishers

Metal fires are dangerous events for the unprepared. Many metals can burn, especially in powdered form. Some examples include: aluminum, calcium, hafnium, lithium, magnesium, potassium, sodium, titanium, uranium, zinc, and zirconium. Become knowledgeable and be prepared if you work with combustible metals.

The National Fire Protection Association categorizes metal fires as class D fires that should be fought with DRY POWDER class D fire extinguishing agents.

Water and common fire extinguishers (ABC or CO₂) are not recommended for metal fires. These fire extinguishers will excite most metal fires and make them worse.

Note: Don’t confuse ‘DRY CHEMICAL’ with ‘DRY POWDER’ because the term ‘DRY CHEMICAL’ appears on the labels of many common (ABC) fire extinguishers.

Questions? Contact EH&S Fire & Life Safety: ehsfiresafety@ucsd.edu, (858) 822-7515.

High-Risk Biological Agents Require Medical Consultations

UC San Diego’s Occupational Health (Medical Surveillance) policy, PPM 516-21, requires medical consultations for selected high-risk biological agents used in laboratory, clinical, or animal research. High-risk biological agents include Vaccinia, Listeria, and Lymphocytic choriomeningitis virus (LCMV).

The purpose of the consultation is to:

- Educate employees about potential occupational risks for working with the biological agent
- Educate employees about risks and benefits associated with immunization for the biological agent, if available
- Review preventive practices and incident and exposure reporting procedures
- Screen and counsel employees on medical conditions that may contraindicate or place them at increased risk for working with the biological agent

To schedule a medical consultation, contact the EH&S Occupational Health nurse, Bobbi Sawtelle, at (858) 534-8225 or rsawtelle@ucsd.edu.

When an Injury or Exposure Happens

Go to the UC San Diego Web site at ucsd.edu and type injury in the Search box. Click on What to Do if a Work-Related Injury, Illness, or Exposure Occurs, and follow the instructions.