

**35<sup>th</sup> Annual Laboratory Safety Seminar Series**  
**September 24 & 25, 2007**

<b>Laboratory Safety Seminar MONDAY, Sept 24, 2007</b>	<b>Laboratory Safety Seminar TUESDAY, Sept 25, 2007</b>
Physics and Astronomy Building A-102	Physics and Astronomy Building A-102
8:00-8:15    Review schedule, announcements	8:00-8:15    Review schedule, announcements
8:15-8:30    Welcome <i>Karen VanDusen, Director, EH&amp;S</i>	8:15-8:30    Welcome <i>Karen VanDusen, Director, EH&amp;S</i>
8:30-10:20    Laboratory Safety Practices <i>EH&amp;S Staff</i>	8:30-10:20    Laboratory Safety Practices <i>EH&amp;S Staff</i>
10:30-11:30    Fire Extinguisher Training <i>Robert Schadel, Safety Professional</i>	10:30-11:30    Fire Extinguisher Training <i>Robert Schadel, Safety Professional</i>
11:30-12:30    LUNCH (on your own)	11:30-12:30    LUNCH (on your own)
12:30-2:30    Managing Hazardous Chemicals in the Workplace <i>Megan Kogut, Health and Safety Supervisor</i>	12:30-2:30    Biosafety Training <i>Research and Biological Safety Office</i>
2:45-4:45    Bloodborne Pathogens for Researchers <i>Research and Biological Safety Office</i>	2:45-4:45    Field Research Health Hazards <i>Charles Easterberg, Sanitarian</i>

*Managing Hazardous Chemicals in the Workplace*  
This session provides information on risk assessment, personal protection, storage, MSDSs, chemical safety resources, and the proper procedures for managing and disposing of chemical wastes. It also covers spill prevention, clean-up procedures, and supplies for small spills of chemicals (such as acidic, caustic, flammable solvents, mercury, and toxic materials).

*Bloodborne Pathogens for Researchers*  
Session is for all laboratory personnel working with human cells/tissues/body fluids. Session covers WA State regulatory requirements and the UW's Exposure Control Plan.

*Biosafety Training*  
This presentation is for graduate students working with Biosafety Level 2 agents (e.g. human source material, virus, pathogenic bacteria, and viral vectors). Session provides a succinct overview of fundamental principles and practices of laboratory biosafety (administrative, personal protection, and engineering controls). Pathogens and recombinant DNA are covered.

*Field Research Health Hazards*  
A health and safety course for field researchers and those who collect animals. (Includes food and drinking water safety, rabies, Hantavirus, the plague and fleas, Lyme disease and other tick-borne diseases, waterborne disease hazards, West Nile virus, toxic plants, dangerous animals, venomous insects, field hygiene, etc.)

*Laboratory Safety Practices*

Session is a general introduction to UW and WA State laboratory regulations and safety practices. Representatives from each of the five EH&S offices will discuss best practices for biological safety, facility safety (engineering controls), occupational health/safety, pollution prevention

(waste), and radiation safety in research laboratories.

*Fire Extinguisher Training*

Session includes fire prevention, emergency and evacuation procedures, and hands-on fire extinguisher training.

For more information on health and safety training requirements, call EH&S Training at 206.543.7201 or visit our web site at

<http://www.ehs.washington.edu/psotrain/index.shtml>

## Other Training

### First Aid and CPR Training

Some departments or labs require First Aid and CPR certification. "Open Enrollment" classes are scheduled throughout the year for a combined First Aid/CPR class and for a CPR only class. Please check our online schedule/registration at:

<http://www.ehs.washington.edu/psotrain/index.shtm>

Pre-registration is required.

The combined First Aid/CPR Certification class is 8 hours long and offered in either two 4-hour sessions or one 8-hour session depending on the class. The class fee is \$44.00 and must be paid for by using a department budget number, provided at time of pre-registration, or by a personal check received by our office no later than the Friday before the class. Our address is:

On campus  
Environmental Health and Safety  
Box Number 354400

Or from off campus  
Environmental Health and Safety  
201 Hall Health Center  
Seattle, WA 98195-4400

2-hour Basic CPR is offered quarterly and is free.

**Radiation Safety Training** is not included in these programs. Researchers working with radioactive materials are required to complete the UW Radiation Safety Training course. The initial course has four online modules and one classroom session. Check our web site at <http://www.ehs.washington.edu/rsotrain/index.shtm> for more information.



## Training Requirements

Prudent safety practices and increasing regulatory requirements call for initial and on-going safety and health training for faculty, staff and students. Attendance at these seminars and workshops satisfies many training requirements. *Your department or laboratory must provide additional laboratory specific information on standard operating procedures.*

### Attendance

1. New graduate students working in research and teaching laboratories are expected to attend the morning Laboratory Safety Practices.
2. New graduate students working in chemical laboratories are expected to attend the Managing Hazardous Chemicals in the Workplace.
3. It is strongly recommended that new graduate students working in biological safety level 2 laboratories attend the Biosafety Training.
4. New graduate students working with human cells/tissues/body fluids are required to attend the Bloodborne Pathogens for Researchers training and an annual refresher.
5. If new graduate students are expected to use fire extinguishers as part of the lab/department emergency plan, they must attend the Fire Extinguisher Training.
6. The Field Research Health Hazards is optional unless required by your lab or department.

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2007

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September 24<sup>th</sup> and 25<sup>th</sup>, 2007  
Physics/Astronomy A-102



Environmental Health and Safety  
UNIVERSITY OF WASHINGTON