EMORY

The Lab Rat NEWS

December 2010

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Don't Be A Statistic

By Steve Arehart

Everyday about 2,000 U.S. workers experience an eye related injury in the workplace (NIOSH), many of which occur in lab settings. The lack or misuse of eye protection is the main cause for these numerous injuries. The most important part of eye protection is choosing the proper kind based on what hazards are present. Work related hazard sources include: impact, heat/cold, chemicals, and dust. All of these unique hazards call for a certain level of protection. An important note: Prescription glasses **ARE NOT** an acceptable form of eye protection. If you must wear prescription glasses, the Chemical Splash Safety Goggles will fit comfortably and safely over them.

Protection	What They Protect Against	Does NOT Protect Against	Simulation of Chemical Spill
Safety Glasses with Side Shields 	• Impact Only	• Chemical Biological splashing • Heat/cold • Dust	
Visorgogs 	• Impact • Minor Splashing • Heat/Cold • Dust	• Major Chemical/ • Biological Splashing	
Impact Safety Goggles (Directly Vented*) 	• Impact • Heat/Cold • Dust	• Chemical/Biological Splashing because of direct venting (holes in top and sides of goggles) as they allow liquids to easily enter	
Chemical Splash Safety Goggles (Indirectly Vented*) 	• Impact • Chemical/biological Splashing • Heat/cold • Dust	• Protects against all hazards. Indirect venting does not allow liquids to easily enter	
Face Shield 	• **Only use in addition to goggles** for impact, splashing, heat/cold, and dust	• Impact, Chemical/ Biological Splashing, Heat/Cold, Dust • Only used as a **SUPPLEMENT** to other eye protection	

*Directly vented goggles have holes in the top and the side that will easily allow liquids inside in the event of a splash. Indirectly vented goggles prevent against this situation, but still allow for comfortable ventilation.

Training

Most of EHSO's Trainings are available online in Blackboard.

www.ehso.emory.edu for registration information.

Radiation Safety Training
2nd Tuesdays at 1:00 pm

Laboratory Safety Training
3rdThursdays at 10:00 am

Shipping Training
January 25th,2011(12:00p.m-4:00p.m)

Eye Wash Testing
Someone in your lab should test the eyewash station once a month.

Bio-safety Cabinets/Chemical Fume Hoods Certification required annually.

Chemical/Radioactive Waste Pick-up Schedule:

Monday Pick-up
RRC
Whitehead
1462 Clifton Road
School of Public Health

Tuesday Pick-up
Math & Science

Tuesday & Friday Pick-up
Atwood and Emerson

Wednesday Pick-up
Emory Children's Center
Clinic Building A & B
Winship Cancer Institute
Yerkes Main Station

Thursday Pick-up
Woodruff Memorial Research Building
EUH (Clifton)

Friday Pick-up
All others on Atlanta campus

All **chemical** waste pick up should be requested by emailing **chemwaste@emory.edu**

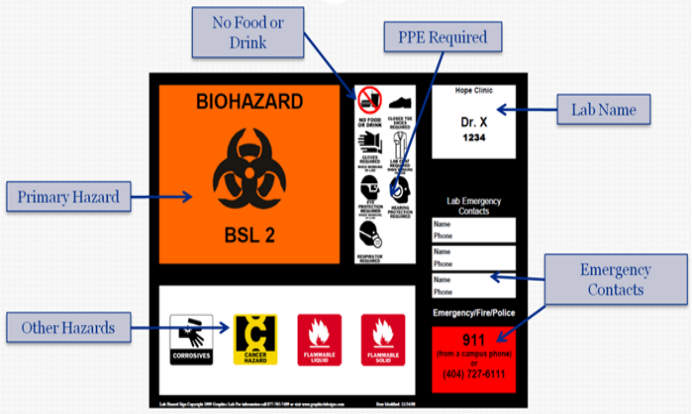
All **radioactive** waste pick up should be requested via EHS Assist pick-up.**Chemical** waste disposal inventory form and/or **radioactive** waste inventory form should accompany all waste containers at the time of pick-up.

The Importance of Correct Lab Signage

By Meagan Parrott

Emory laboratory signage

- Identifies the hazards in the lab:
  - -Chemical
  - -Biological
  - -Radiological
- Provides Emergency Contact Information
- Provides Personal Protective Equipment requirements



This information is very important, not only for the researchers that work in the laboratory but also for people who work outside of the labs. For example, emergency responders such as firemen need to know what hazards they may encounter when responding to a fire alarm or other emergency. In case of power failure or freezer failure, precious samples may be ruined if lab emergency contacts are not up-to-date and no one can be contacted.

Also, EHSO uses the lab signage requirements form as a means for checks and balances with other research safety processes such as biosafety protocols, laser registrations, chemical monitoring and certification of engineering controls. In a sense, the lab signage process is the first risk assessment that EHSO completes for your lab. If the forms are filled out incompletely or incorrectly, EHSO may lack critical information needed to advise your lab in appropriate PPE to wear, engineering controls to use and work practices to follow.

How to get new lab signs or make updates to current lab signs:

- Download the EHSO lab signage requirements form from the EHSO website: http://www.ehso.emory.edu/programs_research_safety_forms.htm
- Fill out the form and email it to labsign@emory.edu
- Your research safety building liaison will email you a preview for your approval.
- Once approved, your liaison will print, laminate and post the new sign.

Building Liaisons

Each building has been assigned an EHS Specialist to assist with any questions/concerns you may have.

- Dionna Thomas 404-727-4673
  Woodruff, Woodruff Extension, & Winship (Clinics B & C)
- Meagan Parrott 404-712-9480
  Dental, Medical Office Tower, Emory Midtown, School of Public Health (CNR/GCR), & Rollins
- Steve Arehart 404-727-4171
  Clinic B (Eye Center), Pediatrics, North Decatur, Carlos Museum, Yerkes, Hope Clinic, Wesley Woods, Briarcliff Campus, & Anthropology
- Rodrick Esaw 404-727-1348
  Whitehead, Math & Science, Emerson, Oxford College & Atwood

Notice

- ◊ This newsletter is a tool to help fulfill a legal requirement for ongoing safety training.
- ◊ Supervisors are responsible for ensuring that individuals in their area have read and understood the information that applies to their area.
- ◊ The signed newsletter should be placed into the PIs EHSO Binder.

Signature indicates: I have read and I understand the information in this issue of Lab Rat Newsletter. Use an additional sheet of paper for more signatures, if needed and attach to this document.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

PPE

Personal Protective Equipment

Choice to be based on potential exposures involved:

Eye: Glasses, goggles & face shields

Gloves: Appropriate for the type of procedure

Clothing: Gowns, lab coats, aprons, coveralls

Respirators: Appropriate for the type of procedure

Fire Extinguishers

Check fire extinguishers in your lab:

A. Is it present and mounted in its proper location?

B. Is it readily accessible?

If it appears to need servicing contact the Maintenance HELP line at 7-7463

Contact Employee Health Services /Emory Healthcare Corporate regarding immunization information at (404-728-6437)

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We would like to hear from you!

What do you like most about the Lab Rat?

What do you like least about the Lab Rat?

Which article was most helpful to you?

What topics would you like to be featured in upcoming issues?

Do you have an article you would like to contribute?

Feel free to send your answers to biosafe@emory.edu. We look forward to reading your ideas and comments!