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Training

Most of EHSOs Trainings are available online in Blackboard. Visit www.ehso.emory.edu for registration information.

Shipping Training

July 15th from 12:00 - 4:00 pm

Radiation Safety Training

2nd Tuesdays at 1:00 pm

Laboratory Safety

Training

3rd Thursdays at 10:00 am



Eye Wash Testing

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



Biosafety Cabinets / Chemical Fume Hoods
Certifications are required annually.

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.

Visit <http://www.epcs.emory.edu/fire/> for more information

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



Laboratory Moves/Decommissioning

Moving or closing a laboratory is a very complex task and requires detailed planning and cooperation with numerous groups including the Environmental Health and Safety Office, Campus Services and occasionally external vendors. Campus Services assists with service disconnection, moving, and recycling/repurposing efforts. Recently EHSO assisted with several laboratory moves into the Claudia Nance Rollins (CNR) building and a laboratory closure. Laboratories may contain regulated hazardous materials and potentially contaminated equipment that require special handling. Because of the hazards and regulatory oversight required laboratories are urged to contact EHSO as soon as a lab move becomes eminent. EHSO will help the lab to prepare hazardous materials and equipment for transport, decontamination and assist with disposal of unwanted biological, chemical and radioactive materials. The May move into CNR was very efficient due to the collaborative efforts of EHSO, Campus Services and of course the Principal Investigators. The recent retirement and subsequent laboratory closure of a long time Emory Researcher was extremely efficient due to the early notification of EHSO and assistance of the Researcher. All hazardous materials were removed, samples transferred to the proper locations and the laboratory made ready for the next generation of discovery. You may contact the Environmental Health and Safety Office at (404) 727-5922 for more information.

Fluorescent Lamp Recycling

Mercury containing lamps including Compact Fluorescent Lamps (CFL's), fluorescent light tubes, UV lamps from biological safety cabinets, and mercury vapor microscope lamps must be recycled through the Environmental Health and Safety Office (EHSO). These lamps are regulated by the United State Environmental Protection Agency (EPA) and must be handled properly. Recycling these lamps is environmentally and regulatory friendly, otherwise the lamps are regulated as hazardous waste. There are containers provided in the Dobbs University Center (DUC) for collection of CFL's. If your lab needs to dispose of mercury containing lamps of any configuration please contact EHSO for further assistance. Lamps for disposal should be stored in a container marked with the words "Used Lamp" and the out of service date. For disposal contact the EHSO Environmental Compliance Office at chemwaste@emory.edu. Additional information can be found on the EHSO web site at <http://www.ehso.emory.edu/waste.html> or call (404) 727-5922.

Appropriate Fluorescent Bulb Disposal!





Waste Disposal

Chemical and Radiation drop-off locations are:

Woodruff Labs – WMRB L302, Thursdays 1PM – 4PM

Whitehead & Rollins labs – Whitehead G44 Thursdays 9Am –noon

Chemistry Department, chemicals only – Emerson 133

Other Buildings - Request chemical pickup by calling 7-7091 Or send an email to chemwaste@emory.edu

Request Radiation pickup via EHS assist from website by Tuesday 5 PM for Wednesday pickup

Complete and sign your chemical disposal form or EHS assist radiation disposal form for both pickups and drop-offs.

Volunteers & Minors

Contact Research Safety at 404-727-8863 for assistance with volunteers and minors working in your lab.

Keep Lab Doors Closed

By Meagan Parrott

When working between multiple lab spaces, it may seem beneficial to prop the doors open so it is easier to move throughout the hallway. While keeping lab doors closed may appear to be an inconvenience, it serves as a benefit to safety, containment, and energy consumption.



Keeping your lab door propped open...

<i>Assists the Spread of Lab Fires</i>	Most labs on campus work with flammable material. In the event of a lab fire, keeping lab doors open may help the fire spread throughout the building. Also, heat from laboratory fires can cause smoke to travel to other areas of the building when doors are left open.
<i>Assists the Spread of Hazards from Spills</i>	In the event of a chemical, biologic or radioactive spill, open lab doors significantly limit the lab's ability to contain fumes and aerosols generated from the accident. This increases the risk of exposure to those working in surrounding lab and non-lab areas.
<i>Inhibits Directional Airflow</i>	Most labs at Emory are designed to have inward directional airflow. Inward directional airflow maintains containment in labs by not allowing air inside the lab to move into the hallway and into other non lab areas. Maintaining containment is very important for infection control, especially in the event that other engineering controls (i.e. biosafety cabinets, centrifuges) fail. In order to do this, lab HVAC systems are balanced when doors are closed. Keeping doors propped open creates a large opening to the lab, causes the pressure differential to drop and makes the directional airflow negligible and easily disturbed.
<i>Increases Energy Consumption</i>	In order to create directional airflow in labs with open doors, exhaust air would have to be significantly increased. This would result in an increase in HVAC system costs throughout Emory.

Lab Rat July 2010

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.

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Resources:

Keene, J. (2009). Ask the Experts: Laboratory Doors-Open or Closed. Journal of Applied Biosafety. 14 (4), 197-8.



Are you interested in submitting any tips or articles for the monthly Lab Rat Newsletter?

....Submit your ideas, suggestions, articles, etc. to biosafe@emory.edu and type Lab Rat Submission in the subject line.



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 & Rollins—Biology
- **Meagan Parrott 404-712-9480**
Dental, Clinic B, Pediatrics, North Decatur, Carlos Museum, Yerkes, Hope Clinic, Medical Office Tower, Crawford Long, RSPH, Oxford College & Rollins—Microbiology and Immunology & Pharmacology
- **Rodrick Esaw 404-727-1848**
Whitehead, Math & Science, Anthropology, Wesley Woods, Emerson, Briarcliff Campus, Atwood & Rollins – Biochemistry, Chemistry, and Psychology

Visit www.ehso.emory.edu for updated forms and information.