

1762 Clifton Road
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this issue

**- New: Laser Safety Program
- Lab Signage**

Training

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

Shipping Training

April 6th at 12:00 noon

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

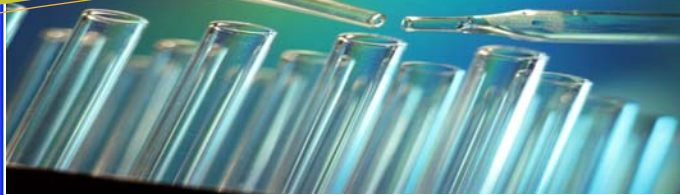
Check fire extinguishers in your lab:

- 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)



Special Recognition~~

EHSO recognizes **Mirian McClendon** (Laboratory Assistant, Sr). Mirian discovered a flammable cabinet stored in a storage closet adjacent to two high heat producing pieces of equipment (a glasswasher and an autoclave) in Clinic B. The flammable cabinet housed abandoned chemicals and chemical waste dating back to 1998. Ms. McClendon contacted EHSO concerned about the placement of flammable chemicals in close proximity to the glass wash and autoclave. As a result, EHSO was able to dispose of the abandoned chemicals and the chemical waste. Thank you, Mirian !!

NEW! Laser Safety

By Rodrick Esaw

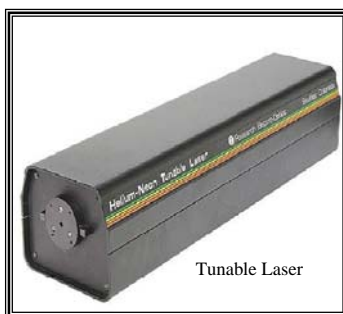
The new laser safety program is complete and has been implemented campus-wide. The program is available through the Research Safety Division of EHSO. It has been designed in accordance with the ANSI Z136.1 Standard for the Safe Use of Lasers, with a focus on the safe operation of all Class 3B and Class 4 lasers on campus. The program includes the following elements:

- Laser Registration Form
- Laser Safety Manual
- Laser Standard Operating Procedure Template
- Laser Lab Self Inspection Form
- General Laser Safety Training Course

All of the documents are available on the EHSO webpage (www.ehso.emory.edu). The training course is available via Blackboard.

Lasers of Class 3B are those that can emit accessible radiation of 500 milliwatts (average) for longer than one quarter of a second. Class 4 lasers can emit

accessible radiation in excess of 500 milliwatts for longer than one quarter of a second. Some examples of laser types include diode, dye, Yttrium Aluminum Garnet (YAG), and Helium Neon (HeNe) lasers. If there are lasers of Class 3B and Class 4 in your lab (including those not currently in use), please complete the Laser Registration Form and submit to resaw@emory.edu. Investigators who have been identified as operators of Class 3B/Class 4 lasers will be contacted with more details regarding the program. If you have questions or concerns, contact Rodrick Esaw at [re-saw@emory.edu](mailto:resaw@emory.edu).



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.



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

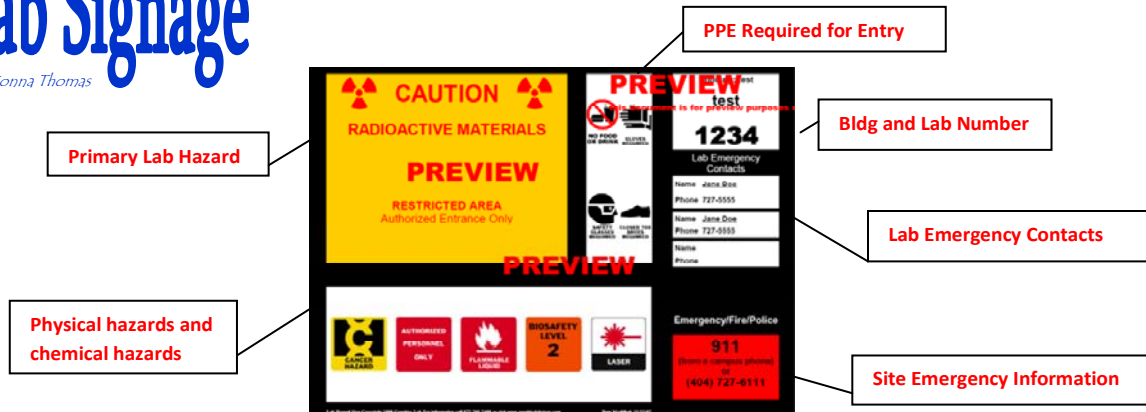
Complete and sign your chemical disposal form or EHS assist radiation disposal form for both pickups and drop-offs.

Volunteers & Minors

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

Lab Signage

By Dionna Thomas



Are all lab signs the same?

OSHA requires that all employees be informed of all workplace hazards. Laboratory door signage is one of the many forms of hazard communication used to inform lab workers, visitors, and administrative personnel of the hazards within the research labs at Emory.

Why is my lab required to have signage?

The Laboratory Door sign is comprehensive and unique to each lab. It provides a “snap-shot” of the hazards in the area. The symbols depicted on the sign are based on the chemical, radiological, biological, physical, and health hazards within the room.

What does each pictogram mean?

The universal biohazard symbol must be displayed for labs that use or store biological agents.

The radiation caution symbol and the words “Caution Radioactive Materials” must be displayed outside of labs that use or store radioactive material.

Additional pictograms indicate the presence of chemical hazards or other physical hazards. Some examples include the pictograms for cancer-causing agents, reproductive hazards, flammable liquids, corrosives, ultraviolet light, and the presence of compressed gas.

How do I know who is responsible for each lab?

Emergency contact information is provided in the event of an emergency, particularly after hours.

Can changes be made to the lab signage?

The lab sign must be updated when an investigator relocates to another lab on the Emory campus, when the hazards change, or when the emergency contacts change. In the event that your signage needs to be updated, contact your EHSO Building Liaison.

Are there any requirements for entry into a lab area?

The Personal Protective Equipment (PPE) required for entry depends on the hazards that are present in the area. The PPE section also includes information about the protective clothing that lab personnel are required to wear while working in the lab.

What if I don't have signage outside of my lab?

Lab signage must be posted outside of all lab areas. This includes the research labs as well as any common spaces or shared lab areas. To receive laboratory door signage, the lab contact or the users of the room must send the Lab Signage Requirements form to labsign@emory.edu. The Lab Signage Requirements form can be found on the EHSO website (www.ehso.emory.edu). After form is reviewed, the liaison will send a preview sign to ensure that all hazards are included on the sign. Once the sign is approved by the lab, the sign will be posted outside of the lab by the Building Liaisons.

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. _____
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6. _____
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8. _____
9. _____
10. _____



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 404-727-1348**
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.