



## Yale University Machine Shop Incident

On April 13, 2011, a tragic incident took place at Yale University, which resulted in the death of an undergraduate student. The details of the incident are still limited, but what we know is that Ms. Michele Dufault was working on her senior project in a Chemistry/Physics Equipment Shop/Lab. The incident occurred late at night, and she was apparently working alone. Her hair was caught in a lathe: [http://news.yahoo.com/s/nm/us\\_yale\\_accident](http://news.yahoo.com/s/nm/us_yale_accident)

As a proactive measure, Emory University will be taking the following steps:

- Emory's Environmental, Health and Safety Office (EHSO) will be reviewing the inventory of *all* shops / instrument repair areas.
- Working with the faculty/staff of the areas, EHSO will be ensuring that all areas have current risk assessments in place.
- *If students are allowed to work in those areas, further reviews may be warranted.*

### Attention All Emory Students and Employees!

When working in research laboratories, machine shops, animal areas, etc always consider the following:

- Ensure that you have received the appropriate training prior to operating machinery, equipments, working with animals.
- Follow all standard operating procedures (SOPS) while working.
- Wear personal protective equipment appropriate for the tasks you are performing.
- Ensure that at least one other person is present so that you are not alone, particularly when you are working after hours.

## Waste Stream Determination - Choosing the Right Path

As the 2<sup>nd</sup> year anniversary from Emory's 2009 EPA peer audit passes us by, we are reminded of the importance of disposing of waste appropriately. While the complexities of waste determination streams may seem daunting at times, we have published various guideline documents and fact sheets on the EHSO website to ease the process for researchers. The **Hazardous Waste Determination Flow Chart** in particular, is a very helpful tool. Before pouring a chemical down the drain or setting lab waste into the regular trash, go through the flow chart to ensure that you are selecting the proper waste stream.

The flow chart may be found at this link: <http://www.ehso.emory.edu/guidelines/HazardousWasteDeterminationFlowchart.pdf>

All other chemical waste guidelines, forms, and quick reference sheets may be found at this link: <http://www.ehso.emory.edu/waste.htm>



## Training

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

[www.ehso.emory.edu](http://www.ehso.emory.edu) for registration information.

Radiation Safety Training

2nd Tuesdays at 1:00 pm

Laboratory Safety Training

3rd Thursdays at 10:00 am

Shipping Training

June 7th 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](mailto: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.

### Next Shipping Training is June 7\*

The next shipping training for biological and infectious material will be June 7\* at the EHSO office. The training is mandatory for anyone who participates in offering, shipping, or preparing shipments of hazardous materials (including infectious and biological material and dry ice) and certification lasts for two years. If you are interested, hurry up and register since the class is filling up quickly and space is limited. Use the registration form found at the following link:

<http://www.ehso.emory.edu/programs/research/research-forms.cfm>

### Check out our new look!

EHSO's website has recently had a huge facelift. Check out our new site whenever you have a chance at [www.ehso.emory.edu](http://www.ehso.emory.edu)

In the coming summer months, many of the labs on campus will welcome high school students and non-Emory undergraduates to campus in order to gain valuable laboratory experience. Individuals that are non-Emory students and non-Emory personnel must complete all required training and receive EHSO approval prior to participating in research. PIs should remember that high school students will need to complete the *Minor's Participating in Research Activities Form*. All individuals that are 18 years of age and older who want to participate in research activities will need to complete the *Volunteers Participating in Research Activities Form*. The Volunteer form must be completed for individuals who are not enrolled in a catalog course at Emory University or Oxford College or a degree program. This form must also be completed for individuals who are not employed by Emory University as a full or part-time employee. Both the Minor's form and the Volunteer form are available on the EHSO website ([www.ehso.emory.edu](http://www.ehso.emory.edu)).



### 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.

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### 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)



### Lab Rat NEWS MAY 2011

## 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](mailto:biosafe@emory.edu). We look forward to reading your ideas and comments!