EMORY UNIVERSITY | Environmental Health and Safety Office
Research Administration
December 2016 Edition

The Lab Rat NEWSLETTER

BIO & CHEM Updates for BioRAFT

BIO Registration

As of this month, EHSO has completed the transition from paper to electronic registrations in BioRAFT. PIs are already being prompted to review their registrations due for annual update in January 2017. Remember that BIO registrations are "evergreen," meaning that the projects will not expire but require an annual review and update. For information on how to complete your **BIO 2017 Annual Update**, choose from one of the following:

- **Attend the next informational webinar on December 2nd at 11 am.** Visit the **Announcements** tab in BioRAFT for the link to the webinar.

or

- **Visit the Biosafety Protocol Submission & Approval page on the EHSO website**. EHSO home page ⇨ Research Safety ⇨ Biosafety Protocol Submission & Approval

CHEM Registration

Starting January 2017, all investigators will be prompted to complete the **Hazardous Chemicals Registration Wizard** in BioRAFT.

Investigators holding a Chemical Safety approval for administering chemicals in animals will be prompted to **review** the Chemicals in Animals form(s). EHSO will upload the information into these forms based on the most recent Chemical Safety NOI.

PIs holding BIO approvals will be prompted to complete the **Hazardous Chemicals Registration Wizard** at the same time that they are going through the **BIO 2017 Annual Update**. For more information, on the CHEM registration, choose from one of the following:

BioRAFT continues to save paper. Chemical Safety protocols will be reviewed in BioRAFT starting January of 2017.

- **Attend the next informational webinar on the CHEM registration for non-BIO users on December 2nd at 2 pm.** Visit the **Announcements** tab in BioRAFT for the link to the webinar.

or

- **Visit the Chemical Safety Protocol Submission & Approval page on the EHSO website**. EHSO home page ⇨ Research Safety ⇨ Chemical Safety Protocol Submission & Approval

Dry Ice Disposal: One More Tip

In the November issue of the *Lab Rat Newsletter*, EHSO discussed hazards involved in disposing of dry ice in a sink and offered tips for handling dry ice safely.

Dry ice should be stored inside of an insulated container such as a styrofoam cooler or ice bucket to allow it to sublimate. If your lab has access to a dry ice box, place excess dry ice inside that box.

GHS Classification & Labeling of Chemicals

In this and future editions of *The Lab Rat Newsletter*, EHSO will provide quick overviews of the current **hazard communication standard**. The goal is to remind laboratory personnel of the information these pictograms are communicating regarding hazards in the laboratory.

WHAT

Pictogram: **Corrosive**

Category:

- Corrosive to metals
- Skin corrosion
- Serious eye damage

HOW

Storage Practices:

- Separate acids and bases
- Liquid corrosives in secondary bins
- Solid corrosives can be stored without secondary containment
- Corrosive gases have limited lifespan (cylinder can fail)- check with manufacturer

WHERE

Storage Locations:

- Acids stored in corrosives cabinet
- Bases stored in separate corrosives cabinet or wooden cabinet
- Gas cylinders stored in vented cylinder cabinet

Common Examples: phosphoric acid, sodium hydroxide, acetic anhydride, chlorine

Inventory: Film Processing Units

EHSO is gathering information on film processing units on campus. If you have a film processing unit, please contact Samantha Pallas via samantha.pallas@emory.edu.

BIORAFT

Use BioRAFT for submission of all of your biosafety protocols. This includes:

- **New project/3 year renewal**
- **annual updates**
- **amendments**

Do not use old paper forms. Visit our website for more details:
ehso.emory.edu

Fire Extinguishers

Visual inspections of your fire extinguishers should be conducted **monthly**, confirming the following:

- Is it present and mounted in its proper location? Is it readily accessible?
- Is the pin in place and is the gauge needle in the green?

After confirming these questions, **initial and date the attached tag**.

For **servicing**, contact Campus Services at 404-727-7463.

Training

Training information found at:
ehso.emory.edu/training

Building Liaisons

Radiation and Research liaisons can be found at:
ehso.emory.edu/about/

Feedback

Send comments to:
biosafe@emory.edu

About This Newsletter

- This newsletter is a tool to help fulfill a regulatory 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 PI's EHSO Lab Safety Binder.

Signature Here

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Your signature indicates that you have read and understand the information in this issue of the *Lab Rat Newsletter*. Use an additional sheet of paper for more signatures, if needed, and attach to this document.