New Training Announcement

Just released! EHS’ updated **Shipping and Transport of Biological Materials** was developed to ensure the safe, compliant and successful shipping and transport of hazardous and/or regulated biological materials. Get certified or re-certified to ship biological materials and their associated preservatives and learn some tips to make the shipping process easier. Dangerous Goods refresher training is required every 2 years. The class covers:

- Domestic & international shipping/transport of infectious substances, biohazards, cultures and patient specimens
- Moving items locally at UF (between labs or buildings)
- Shipping/transport of infectious substances & associated preservatives considered Dangerous Goods (DOT/IATA training)
- Shipping with dry ice
- Permits & licenses required for interstate transport, import, or export of human, animal, or plant-related materials
- Import & export of biological materials
- Shipping with the US Mail Service
The class does not cover the shipment/transport of chemicals other than those specifically covered as preservatives, biological toxins, or radioactive materials. Contact EHS at 352-392-1591 for assistance with these items. Contact the Biosafety Office at BSO@ehs.ufl.edu or 352-392-1591 to enroll.

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<th>HAZARDOUS WASTE MANAGEMENT</th>
<th>CHEMICAL HYGIENE PLAN AND LATCH</th>
<th>LAB SAFETY OVERVIEW</th>
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Happy New Year! It's time for new risk assessments.

Please keep in mind that LATCH risk assessments must be completed and signed on a yearly basis. The LATCH risk assessment, chemical inventory, training and SOPs comprise the lab-specific portion of the chemical hygiene plan. Please ensure the following aspects of LATCH are up to date:
In each newsletter, we will highlight 2 inspection questions explaining the significance and how to avoid corrective actions.

Are serological pipettes discarded in the biohazard bag in a manner that decreases the risk for puncture of the bag and/or box? Laboratory glass and plastic items that are not considered sharps can puncture waste bags and injure janitorial staff. These items include micropipette tips, serological
pipettes, test tubes and swabs/sticks. Minimize puncture potential by placing serological pipettes in a sturdy secondary container or re-sleeving/bundling them and aligning them in the same direction prior to disposal.

The red bags pictured above were handled by UF's housekeeping services. Fortunately, there were no stick injuries from the protruding items that punctured the bag (highlighted by circles).

Are inorganic acids separated by compatibility?
Accidental contact between incompatible chemicals can result in a fire, an explosion, the formation of highly toxic and/or flammable substances, or other potentially harmful reactions. If incompatible chemicals must be stored in the same cabinet, be sure to provide physical segregation (secondary containment). Below is the suggested organization of laboratory acids in high walled secondary containers (bins). Bins may be kept in the same acid cabinet but separate cabinets for organic and inorganic acids are required. For more information, please visit http://www.ehs.ufl.edu/programs/lab/chemsafety-info/
ACIDS ALLOWED IN BIN

INORGANIC ACID BIN 1
Nitric Acid - very reactive and should be separated from all other acids

INORGANIC ACID BIN 2
Sulfuric Acid

INORGANIC ACID BIN 3
Perchloric Acid - must be dated upon receipt, dated when opened and disposed of 1 year after receipt or 6 months after opening.

INORGANIC ACID BIN 4
Hydrochloric Acid, Hydrobromic Acid, Chromic Acid, Phosphoric Acid, Chlorosulfonic Acid, Hydroiodic Acid

INORGANIC ACID BIN 5
Hydrofluoric Acid - HF is a highly acute toxin and should be stored in an area accessible only by authorized personnel. Do not store in glass - use compatible plastic containers.

ORGANIC ACID BIN 1
Picric Acid - must be kept hydrated to reduce its hazards.

ORGANIC ACID BIN 2
All Other Organic Acids - acetic acid, formic acid, propionic acid, butyric acid, chloroacetic acid, trichloroacetic acid, oxalic acid, salicylic acid, oleic acid

“Winning at safety is like winning in sports. It’s not the effort of one person, but the focus and determination of the entire team working towards a common goal. You have to get out and give it your best, every single day.”

Author Unknown
We are here to help! Expect more outreach in 2020.

As part of our continuous efforts to improve research safety at UF, we will start conducting outreach visits to some of our labs in 2020. Members of our chemical safety team may attend regularly scheduled inspections to provide additional feedback and resources on the LATCH risk assessment, chemical inventory, particularly hazardous chemicals and SOPs. These visits will occur during the scheduled inspection time frame and feedback will be given through a follow up email. Since we do not require SOPs to be uploaded into LATCH, we may ask you to provide a few SOPs for review during the visit.

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Gator TRACS Announcements

**New Look for 2020**

We have launched a new design for the LATCH module. Although the functionality and requirements of the platform remain the same, the new design provides a cleaner and more user-friendly look. Please find an updated user guide on our website or contact us for further assistance. gatortracs@ehs.ufl.edu.

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Biohazard Project Registration Module Reminder

Beginning early Spring 2020, Gator TRACS will support the online submission, review, approval, and tracking of Institutional Biosafety Committee (IBC) and EHS Biosafety project registrations, amendments and annual updates. An email was sent out on November 21st to all faculty who have registered projects. Another announcement will be sent prior to the module launch.

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YOU ARE RECEIVING THIS EMAIL BECAUSE YOU ARE AFFILIATED WITH RESEARCH AT THE UNIVERSITY OF FLORIDA AND ARE LISTED IN THE GATOR TRACS SYSTEM.