



## Lab Safety!

November/December 2022 Newsletter

### Chemical Inventory- Due Soon!

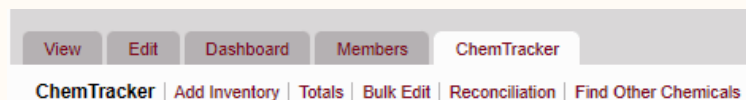
# BIORAFT

It's almost that time of year again! Every December 21st, all PIs must submit their updated chemical inventory. Accurate chemical inventories are required by various laws and by several TWU policies/procedures (for all chemicals maintained on campus, not just laboratory chemicals). Inventories are required to be maintained in BioRAFT within the Chemtracker module. The chemical inventories from last year are already in the system, so no one is starting from scratch.

So, what is EH&S looking for when you complete your inventory? EH&S needs to know, at any given time, what would be the MAXIMUM amount of a chemical you would have on hand. Common examples include:

- If you have only 2L left in your 4L container, put the container size "4L" on your inventory
- If you just ran out of a chemical, but are going to order the exact same chemical/container size, keep the chemical on your inventory
- If you have a chemical you no longer want/need, you can schedule a waste pickup from EH&S and remove it from your inventory

The easiest way to complete your inventory is to log into BioRAFT, select the "ChemTracker" tab at the top and then select the small Excel icon in the upper left-hand corner. You can print this Excel file to use as a "checklist" for your chemicals.



#### View RM Dummy Lab Inventory



If PIs want to give permission to somebody in their space to edit the chemical inventory (such as a grad student), they must give them permission in BioRAFT. They can do this by accessing the "Members" tab, selecting "edit" button next to the individual's name, and then selecting the checkbox "Manage Group ChemTracker Inventory". If the person has not yet been added to the lab, they will need to be added first and the "Manage Group ChemTracker Inventory" permission should be selected at that time.

EH&S will send out an email reminding about the chemical inventory due date as it gets closer, along with a step-by-step guide to serve as a refresher. If the guide is not helpful enough, please do not hesitate to reach out with any questions or to request assistance. EH&S is always happy to help walk people through BioRAFT, train grad students, grant permissions, etc. EH&S is here to serve as a resource for your success!

[READ MORE](#)

# Training!

If you work in a lab, you undoubtedly noticed there is a LOT of training that is required. The type of lab you are in determines which training you must take.

There are 2 separate sides to Bridge, the online training platform, for employees (including student employees) vs. students/volunteers. These require different approaches to enrollment.

- If you are a student or volunteer, you must be manually added to Bridge and your training must be manually assigned. To be added, contact EH&S!
- If you are an employee, you can access Bridge through single sign-on. Training is automatically assigned based on job title.
  - If you see training you don't think you need OR you believe that you are missing required training, contact EH&S! Bridge assigns training automatically, so sometimes errors occur.

Before you start work in a lab, make sure to take all required training. This includes, at a minimum:

- Lab Safety Training and all applicable modules
- Hazardous Waste training
- Hazard Communication training
- Fire Safety & Evacuation



If you work with blood or other potentially infectious materials:

- Bloodborne Pathogens (BBP) training
- You also need to be offered a Hepatitis B vaccine within 10 days (if an employee) or, if a student/volunteer, must obtain the Hep B vaccine prior to working in the lab
  - Reach out to EH&S if you have questions about the BBP program requirements

If you work in a space with Biohazards:

- (but do not work with them yourself) you must take BSL-2 Awareness training.
- If you DO actually work with Biohazards, you will have to take CITI training, which is NOT offered through Bridge

If you work with radioactive materials:

- You must take CITI training at this time, which is not offered through Bridge

Your training is not just limited to online, generalized training. Your PI will also need to provide hands-on training! This training needs to be documented, signed, and kept on file.

- Note: If you'll be working in a Biology lab in SRC, contact Dr. Adalvan Martins to get set up with training requirements. [amartins@twu.edu](mailto:amartins@twu.edu)

## Troubleshooting Bridge

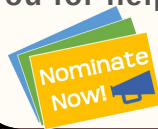
If you have trouble with Bridge, here are some things you can do:

- 1) Check your browser. Ideally, use Chrome
- 2) Sign out of all Google accounts OR open an incognito window and paste the Bridge training link in there: <https://twu.bridgeapp.com/>
- 3) If all else fails, reach out to EH&S!



## Pioneers Recognized For Safety Excellence!

Dr. Lionel Faure is an Assistant Clinical Professor in the Biology Division of the School of the Sciences at TWU. He received his Masters and Ph.D. degrees in biochemistry and molecular biology from Victor Segalen Bordeaux 2 University (France). He joined TWU in 2016 as a postdoc before becoming a research associate for the Biology Department in 2017 and then moving into his current position in 2020. Lionel is a pleasure to work with and known for being great at explaining safety rules to his lab users. He trains students on different techniques using state-of-the-art equipment and makes sure to include safety reminders in his monthly newsletters. In his free time, Lionel enjoys traveling, baking and gardening. Thank you for helping our lab users stay safe, Lionel!



Is there someone at TWU you feel should be recognized for their commitment to safety? Complete [this form](#)!

## Pioneer Prepared!



If there's bad winter weather, what do you do?

1st priority: stay safe! If driving conditions are hazardous, stay home! Chat with your supervisor/instructor *before* winter weather hits to set up a plan for how to respond.

If you do have to go outside, bundle up! If you must commute, allow for plenty of time to de-ice and drive slower. Remember, ice can't always be seen on the road, and bridges and overpasses tend to accumulate ice faster than roads. Allow for ample space between you and the car in front of you and don't slam on the brakes.

If your car DOES start to skid, "turn into the skid". This means gently turning your steering wheel in the direction your back wheels are moving until it stops sliding. Be careful not to overcorrect.

If you still have questions, contact Emergency Management: 940-898-4001 x 2 or [risk@twu.edu](mailto:risk@twu.edu)

## Safety Story

In New Jersey, a lab worker attempted to remove dry, white ethyl ether residue from a glass joint of a rotary evaporator. Using a metal spatula to scrape the residue caused a detonation that shattered the glassware. Flying glass caused severe lacerations to his hands, face, ear, and scalp. Fortunately, his safety glasses protected his eyes from injury; shards of glass were embedded in the lenses. The chemical's label clearly warned about the formation of peroxide in storage. Proper training might have prevented this incident.

Remember, report all injuries to EH&S!

## Event Reminders

- EH&S Snacks & Conversation: Come by to chat about your safety questions! FREE doughnuts!
  - SRC 1st floor lobby
  - Tuesday, Nov 15th, 2 pm

## Whooo's that from EH&S?



Kelsey Griffith is a Senior EH&S Specialist who joined TWU in 2019. As a Certified Industrial

Hygienist, she is particularly passionate about industrial hygiene & art safety. You'll see her doing everything from lab inspections to testing fume hoods to ensuring environmental compliance with our grit traps. In her free time, this Louisiana native loves spending time with her two adorable young sons and her husband, Patton.