

Nanoscale Research Facility Weekly Update January 27



Check out our New Safety Tracker

We have recently started a Safety Streak Clock in the NRF lobby. This clock will count up the days and hours that the community has maintained proper safety protocol, and will be reset back to zero when we have a safety incident in the NRF. Our goal is to create more safety awareness and set new time duration records between safety incidents. Stop by the front desk to see the progress!

Unfortunately our clock had to be reset after the first 11 days.

We found a chemical waste bottle mislabeled in the NRF cleanroom. The bottle was labeled isopropyl alcohol (IPA) but it was discovered that the contents were actually Buffered Oxide Etch (a 7% HF etchant). This incident could have been easily avoided, the person who generated the HF waste should have properly labeled the bottle before adding the waste etchant. This is all part of the standard training in the UF EH&S Hazardous Waste Management course (EHS809) that all NRF users are required to take.

Please take time to review how to properly label chemical waste bottles and help keep everyone safe.



Upcoming NRF Events

- Users (UAC) Meeting - Thursday 02/19 @ Noon - NRF 115 or [Zoom](#)
- Game Night Thursday February 19th, 5-8pm, NRF 115 Click to [RSVP](#)
- NRF K12 Virtual [Open House](#) February 26th [Email us](#) to volunteer - We NEED 2-5 students (undergrad and grad welcome) and staff willing to chat with HS classes in our virtual roundtable space anytime 9-3 on 2/26.



- **Ongoing:** Do you feel like you need some practice time on a tool before you start paying to use it? [Email us](#) and ask about scheduling a subsidized extended training practice session.
- **Ongoing:** New publication? Data collected at the NRF? [Click to tell us!](#)
 - Still writing? Check out our new easy acknowledgement [templates](#).
- Miss something from a previous week? You can find our weekly update archive on our Microsoft teams channel. [Click to Join us on Teams!](#)

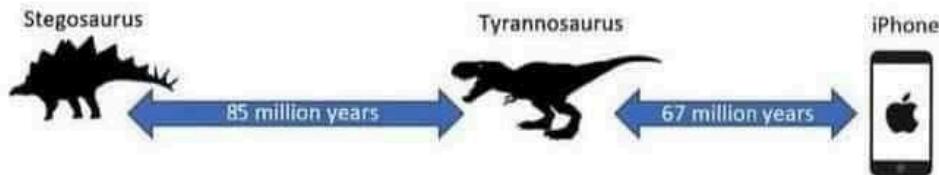
Safety Side Note

Remember to fill out all the necessary fields if you create a new Hazardous Waste Label.

- MARK ALL Containers conspicuously with the words “HAZARDOUS WASTE.” AND INDICATE the HAZARD(S) present (i.e. Flammable, Oxidizer, Corrosive, Reactive, Toxic)
- LABEL ALL CONTAINERS ACCURATELY, indicating the constituents and approximate percentage of each. The concentration of the constituents must add up to 100%.
- Visit EH&S for the full list.
- If you feel you cannot complete this accurately, please request staff assistance when making new waste containers.

HAZARDOUS WASTE		
Waste Hazard (Check all that apply.)	Chemical (include all constituents) Total should = 100%, No Abbreviations	Approx. Conc. (%)
<input checked="" type="checkbox"/> FLAMMABLE	METHANOL	50
<input checked="" type="checkbox"/> OXIDIZER	HYDROCHLORIC ACID	25
<input checked="" type="checkbox"/> CORROSIVE	ACETONITRILE	15
<input checked="" type="checkbox"/> REACTIVE	WATER	10
<input checked="" type="checkbox"/> TOXIC		10
Dr. DR. PAT SMITH		
Bldg. & Room # Academic Research Bldg RM R3-273		

Today we will mainly be dealing with the realization that a Tyrannosaurus is chronologically closer to an iPhone than it is to a Stegosaurus.



UF | Nanoscale Research Facility
HERBERT WERTHEIM COLLEGE of ENGINEERING

Nanoscale Research Facility
1041 Center Drive
P.O. Box 116621
Gainesville, FL 32611
Phone: 352-846-2626
Fax: 352-846-2877

[Click to Join the Conversations on Microsoft Teams!](#)

[Join Our Mailing List](#)



University of Florida | 1041 Center Dr. Nanoscale Research Facility | Gainesville, FL 32611 US

[Unsubscribe](#) | [Update Profile](#) | [Constant Contact Data Notice](#)



Try email marketing for free today!