

Lessons Learned



A lab incident recently occurred that involved a researcher mixing solutions outside of a fume hood in the wrong sequence of events. Sulfur dioxide fumes were unexpectedly created.

Luckily this was a near-miss and no lasting effects were noted.

Make sure to always thoroughly read experiment protocols before proceeding with any procedures.

[Need to report a lab incident?](#)



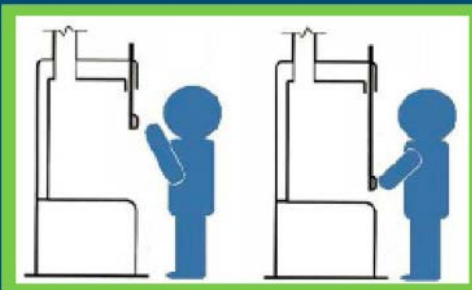
The Micro Gram

Volume 1, Issue 2

Winter Edition

March 1st, 2018

Keep up to 40,000 lbs of CO₂ from entering the atmosphere per year in 2 easy steps:



Step 1: Grip the sash handles.

Step 2: Shut the sash.

Five Steps to a Greener Lab

- I. Start the Discussion
 1. Make a list of proposed changes
 2. Contact EHS
- II. Recycle Plastics
 1. Use refillable tip boxes
 2. Recycle or reuse polystyrene shipping containers
- III. Share Resources
 1. Consider replacing toxic chemicals with greener alternatives
 2. Share equipment
- IV. Conserve Water
 1. Wash lab ware by hand (when possible)
 2. Use recirculating water baths
- V. Reduce Energy Consumption
 1. Turn off lights and non-essential equipment
 2. Shut the fume hood sash!

For more tips check out the new [EHS Green Chemistry website!](#)



Message From the Chemical Hygiene Committee

- Always be aware of your surroundings and other activities in the lab
- Be aware of chemical incompatibilities
- All chemicals should be appropriately stored at any time when they are not in use.
- Secondary containment must be used whenever appropriate.



Walk Like a Penguin to Prevent Winter Slips, Trips and Falls

1. Walk flat footed and take short steps



2. Wear footwear that provides traction



3. Step down, not out from curbs



4. Use your arms for balance



5. Carry only what you can



SAFETY



IS PART OF SCIENCE



Have a suggestion for a lab safety topic?

Email: lindsah@pdx.edu



Click on images to learn more

News from Environmental Health & Safety at PSU

<https://www.pdx.edu/environmental-health-safety/>