

## Research Safety Tour Topics

1. Permissible hours of work (i.e., only with supervision of a faculty member if not during regular M-F business hours). Buddy system for laboratory work.
2. Emergency contact numbers; when to call Campus Safety
3. Rules regarding where food/drink and music, headphones are allowed or prohibited.
4. Appropriate clothing and footwear.
5. Chemical inventory procedures (chemical check-in/out, searching).
6. Reagent safety, access to MSDS's via departmental records and/or other websites (e.g., by registering for free at Aldrich), or hard copies from Terry.
7. Transport of reagents (use of secondary containment and/or goggles, gloves as appropriate); appropriate locations to place chemicals (not on the floor).
8. Hood safety – sash height; clutter
9. Goggle policy
10. Processing of waste (handling, labeling, etc. - check with Terry re: details to tell students).
11. Proper shutdown of instruments and other laboratory equipment.
12. Laser safety: proper protocols and use of eye protection.
13. Proper use of gloves, along with protocols to avoid contamination of common-use surfaces by individuals who choose to wear gloves.
14. Working with and handling of sharps (syringe needles), procedures re: broken glass.
15. Obtaining, transferring, and using cryogenic materials (e.g., use of gloves and goggles, warnings re: implosion hazard of Dewars and shatter hazard of tubing and other items).
16. Vacuum safety, vacuum lines, glassware that is appropriate/inappropriate for use under vacuum, implosion risks, etc.
17. Systems under pressure (or that could develop pressure), closed systems, etc.
18. Handling of pyrophoric reagents.
19. Room access policies and signage (radioisotope lab, laser lab, 224, etc.)

A lab safety training DVD on loan from the Environmental Health and Safety Office is available.