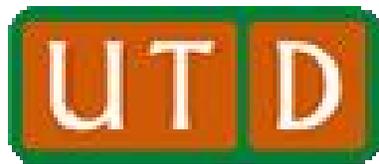


# The University of Texas at Dallas General Laboratory Safety Manual



## LABARATORY SAFETY

In case of a laboratory emergency, call the University Police immediately (911). They have access to all emergency services and will expedite corrective measures. In a non - emergency accident follow the procedures outlined in these laboratory safety sections.

Laboratories are areas where scientific tests, experiments or investigations are carried out. Laboratories include areas used to teach experimental methods as well as areas used for experimental research. The hazards to health in these areas are both myriad and diverse. To cover all possible hazardous situations would require any safety manual to be unacceptably large. For this reason, the Laboratory Safety section of the University of Texas at Dallas Safety Manual can act only as a call to safety in these areas. Individual students, employees, and laboratory supervisors must remain zealous in protecting the health and welfare of both themselves and those around them in the various University laboratories.

The ultimate responsibilities for safety at The University of Texas at Dallas are described more fully in the Administration Section of this safety manual. These responsibilities require that all supervisors, faculty, employees, students, visitors, and administrators work together to both identify and correct hazardous circumstances. The students and employees are an important link in this effort, for they are likely to come into contact with hazards and can act as sentinels in pointing out problems and bringing about remedies.

If hazardous circumstances are discovered or if hazardous materials are necessary for the completion of some duties, help in minimizing the hazard to health may be found in any of several sources on campus including this manual. Two primary sources for consultation should be the Manager, Office of Environmental Health and Safety (x4111) and Radiation Safety Officer (x2511). These Safety Officers have extensive resources at their disposal, including copies of many advisory texts as well as Federal and State regulations.

This section presents information and instructions regarding precautions for several particularly pertinent areas at The University of Texas at Dallas. The following is an outline of the Laboratory Section of The University of Texas at Dallas Safety Manual:

# GENERAL LABORATORY SAFETY

## BASIC LABORATORY SAFETY SHEET

(A copy of this information should be posted in the laboratory)

### A. EMERGENCIES:

1. CALL 911 - the police assistance hotline.
2. Notify your lab supervisor.

### B. PRECAUTIONS:

1. Know the locations of and appropriate uses for:
  - a. Fire extinguishers
  - b. Spill control kits
  - c. Eyewashes and showers
  - d. Safety clothing, glasses, and breathing apparatus.
2. Obtain training on the use of equipment and chemicals.
3. NEVER drink alcohol or use drugs in the lab or before working in the lab. (Even prescription and over the counter drugs can compromise your safety.)
4. Do not eat food or drink liquids in the lab.
5. Confine long hair, loose jewelry, and clothes.
6. Wear safety glasses, protective clothing, respirators, or other safety equipment as necessary. For example: when using chemicals, wear a lab coat and do not wear shorts or sandals.
7. Secure all gas bottles.
8. Always dispose of waste properly. If you are unsure, call the Office of Environmental Health and Safety at 4111.
9. Correct any unsafe situations you see as soon as possible.