



# NIH's Student Laboratory Safety Program

*Safe Techniques Advance Research Science*

**Safe Science is Good Science.**

## Welcome

This program is the only safety training course specifically designed and developed for researchers, ages 21 and under, working in biomedical laboratories at the National Institutes of Health (NIH).

### Goals

- 1) To provide students with the knowledge of a broad range of safety topics applicable to a biomedical research facility in a hands-on lab environment.
- 2) To foster critical thinking and problem solving skills vital to potential hazard recognition and accident prevention through mock learning scenarios and challenges.
- 3) To learn how important it is to stop, think, and apply safe laboratory practices when working at the NIH.

### Training

To accomplish these training goals, the program is organized into two separate, but related, components.

1. **Computer-based Introductory Safety training (REQUIRED for first time students only)**
2. **"Learn-by-Doing" training (REQUIRED for all researchers new to the NIH, ages 21 and under)**

To register, visit: <https://www.safetytraining.nih.gov>

You do not need to have NIH identification to take the Computer-based or "Learn-by-doing" training.

### Special Note

**Young researchers must complete required training prior to working in the laboratory with potentially hazardous materials. Training can be completed after initial assignment at the NIH if supervisors ensure employees do not work with potentially hazardous materials prior to training.**

## Program Components

### 1. Computer-based Training. Laboratory Safety Training Course: Introduction to Laboratory Safety

All new employees working in an NIH laboratory are required to complete this computer-based training course. It provides an overview of basic laboratory safe practices and introduction to common chemical, biological, and physical hazards.

Upon completion of this course, please print the training certificate for your records.

### 2. "Learn-by-Doing" Training

This course is taught by occupational safety and health professionals who have practical working laboratory experience.

A broad range of laboratory safety topics will be covered including, but not limited to: the principles of biosafety; chemical handling and use; common laboratory hazards; and emergency preparedness.

The learning objectives will be met through active dialogue between students and instructors. Students will work in small groups with an instructor to practice and learn safe laboratory techniques, as well as the rules of safe conduct. Students and teachers will problem solve and challenge critical thinking skills together through a series of learning exercises.

To demonstrate material comprehension, students must complete a quiz. An 85% minimum passing grade is required.

If a student requires additional instruction due to a low quiz grade, they will receive additional one-on-one instruction to ensure course completion and success.



# Course Offerings

To register for laboratory safety training, go to:  
<https://www.safetytraining.nih.gov>

“Learn-by Doing” training is offered on the following dates in 2020

Date	Morning Class	Afternoon Class	Location	Date	Morning Class	Afternoon Class	Location
Mon, May 18	—	1:00PM – 4:30PM	Bldg. 13/3E60	Thu, June 18	8:30AM – 12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60
Tue, May 19	8:30AM – 12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60	Mon, June 22	8:30AM – 12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60
Wed, May 27	8:30AM – 12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60	Tue, June 23	8:30AM – 12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60
Thu, May 28	8:30AM – 12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60	Wed, June 24	8:30AM – 12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60
Tue, June 2	8:30AM – 12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60	Thu, June 25	8:30AM – 12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60
Wed, June 3	8:30AM – 12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60	Mon, June 29	8:30AM – 12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60
Thu, June 4	8:30AM – 12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60	Tue, June 30	8:30AM – 12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60
Mon, June 8	8:30AM – 12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60	Wed, July 1	8:30AM – 12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60
Tue, June 9	8:30AM – 12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60	Tue, July 7	8:30AM – 12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60
Mon, June 15	8:30AM – 12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60	Wed, July 8	8:30AM – 12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60
Tue, June 16	8:30AM – 12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60	Thu, July 9	8:30AM—12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60
Wed, June 17	8:30AM – 12:00PM	1:00PM – 4:30PM	Bldg. 13/3E60				



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Depending on the research assignment, additional safety training may be required. For example: safety-related training that covers bloodborne pathogens, animal care and use, or radioactive material use.

For more information, visit: [https://www.ors.od.nih.gov/sr/dohs/safety/Training/Pages/student\\_labtraining.aspx](https://www.ors.od.nih.gov/sr/dohs/safety/Training/Pages/student_labtraining.aspx)

Sign language interpreting services are available upon request. Individuals who need interpreting services and/or other reasonable accommodations should contact the Safety Training Program @ 301-827-6091 (you must leave a message) or [orssafetytraining@mail.nih.gov](mailto:orssafetytraining@mail.nih.gov) at least two weeks prior to the scheduled course; or the Federal Relay Service @ 800-877-8339 at least 5 days prior to the scheduled course.

For more information about the student laboratory safety program, contact (301) 827-6091 or visit: [https://www.ors.od.nih.gov/sr/dohs/safety/Training/Pages/student\\_labtraining.aspx](https://www.ors.od.nih.gov/sr/dohs/safety/Training/Pages/student_labtraining.aspx)