



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 young research scientists, ages 21 and under, working in biomedical research 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 "learning by doing" laboratory 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 training (REQUIRED)**

2. **"Learn-by-doing" training (REQUIRED)**

To register, visit: <http://www.ors.od.nih.gov/labsafety/>

You do not need to have NIH identification to take the S.T.A.R.S. Training.

Special Note

Young researchers must complete required training prior to working 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 and returning students working in a 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:
<http://www.ors.od.nih.gov/labsafety/>

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|----------------|------------------|--------------------|---------------|------------------|--------------------|
| Thur, May 15 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 | Wed, June 18 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 |
| Thur, May 15 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 | Thur, June 19 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 |
| Thur, May 22 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 | Thur, June 19 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 |
| Thur, May 22 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 | Mon, June 23 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 |
| Thur, May 29 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 | Mon, June 23 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 |
| Thur, May 29 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 | Tue, June 24 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 |
| Mon, June 2 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 | Tue, June 24 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 |
| Mon, June 2 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 | Wed, June 25 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 |
| Tues, June 3 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 | Wed, June 25 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 |
| Tues, June 3 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 | Thur, June 26 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 |
| Wed, June 4 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 | Thur, June 26 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 |
| Wed, June 4 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 | Mon, July 7 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 |
| Thurs, June 5 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 | Mon, July 7 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 |
| Thurs, June 5 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 | Tue, July 8 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 |
| Mon, June 9 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 | Tue, July 8 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 |
| Mon, June 9 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 | Wed, July 9 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 |
| Tues, June 10 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 | Wed, July 9 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 |
| Tues, June 10 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 | Thur, July 10 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 |
| Wed, June 11 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 | Thur, July 10 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 |
| Wed, June 11 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 | Mon, July 14 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 |
| Thurs, June 12 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 | Mon, July 14 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 |
| Thurs, June 12 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 | Tue, July 15 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 |
| Mon, June 16 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 | Tue, July 15 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 |
| Mon, June 16 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 | Wed, July 16 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 |
| Tues, June 17 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 | Wed, July 16 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 |
| Tues, June 17 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 | Thur, July 17 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 |
| Wed, June 18 | 8:30AM – 12:00PM | Bldg 10, Room 4A07 | Thur, July 17 | 1:30PM – 5:00PM | Bldg 10, Room 4A07 |

Depending on the research assignment, additional 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: http://dohs.ors.od.nih.gov/Resources_main.htm

Individuals needing special assistance such as sign language, oral interpretation, or other reasonable accommodations should contact Toni Ellis at (301) 496-3353 at least two weeks prior to the scheduled course.

For more information about the student laboratory safety program, contact (301) 496-2960 or visit: http://dohs.ors.od.nih.gov/student_labsafety.htm

For more information about the NIH campus, visit: <http://www.ors.od.nih.gov/infoline/index.htm>