

Biosafety and Biosecurity: Minimizing the Risks in the Laboratory

August 24, 2016 - Jamaica Plain



Sponsored by
the Massachusetts State Public Health Laboratory and National Laboratory
Training Network in collaboration with the Centers for Disease
Control and Prevention and the American Society for Microbiology



Description

In this era of natural and human-made biological emergencies, from terrorism to pandemic influenza, it is essential that laboratories be safe and secure. The biosafety sessions of this program will identify key concerns of laboratory biosafety, focusing on biosafety level 3 (BSL-3) practices in a BSL-2 environment, proper use of personal protection equipment (PPE), biological safety cabinets (BSCs), and conducting risk assessments. The biosecurity session will present laboratory security principles described in the 5th edition of *Biosafety in Microbiological and Biomedical Laboratories* (BMBL). You will also learn how to conduct vulnerability assessments and develop a good biosecurity plan. Finally, through the use of case studies and activities, you will be able to apply these principles and concepts to the clinical laboratory.

Audience

This intermediate-level program is designed for managers, supervisors, safety professionals and laboratorians working in clinical, reference, and public health laboratories.

Objectives

At the conclusion of this program, the participant will be able to:

- Explain the relationship between biosafety and biosecurity.
- Describe how to use BSL-3 practices in a BSL-2 laboratory.
- List the elements of biosecurity and biosafety plans.
- Explain the risk assessment processes for both biosafety and biosecurity.

Faculty

Tanya Swanson, BS, Supervisor, Bioterrorism Response Laboratory, William A. Hinton State Laboratory Institute, Jamaica Plain, MA

Shoolah H. Escott, MS, MT (ASCP), Health Scientist, Laboratory Training Branch, Centers for Disease Control and Prevention, Atlanta, GA

Locations

August 24, 2016
MA State Public Health Laboratory
Hinton State Laboratory
Jamaica Plain, MA

Agenda

8:00 a.m.	Registration
8:30 a.m.	Pre-test
8:45 a.m.	Overview of Agenda and Objectives
9:00 a.m.	Biosafety for the Clinical Laboratory
10:00 a.m.	Break
10:15 a.m.	Biosafety for the Clinical Laboratory (cont'd)
10:45 a.m.	Biosafety Risk Assessment
11:15 a.m.	Biosafety Risk Assessment Exercises
12:00 p.m.	Lunch
12:30 p.m.	PPE Demonstrations
1:00 p.m.	Biosecurity Overview
1:45 p.m.	Biosecurity Risk Assessment
2:15 p.m.	Break
2:30 p.m.	Biosecurity Risk Assessment Exercises
3:15 p.m.	Post-test
3:35 p.m.	Review of Test Questions
3:45 p.m.	Adjourn

Continuing Education

The Association of Public Health Laboratories (APHL) is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program. Participants who successfully complete this program will be awarded 6.0 contact hours.

Registration

Register FREE at: www.aphl.org/courses/Pages/025-14.aspx
Registration closes: One week Prior to course date.

- If you have difficulty with the online registration process, please email registrar@aphl.org or call 240.485.2727.
- Upon receipt of your registration, a confirmation letter including address and directions to each site will be sent by email.
- For more information, email seminar@aphl.org.

Special Needs

Individuals seeking special accommodations should submit their request in writing to seminar@aphl.org. Please allow sufficient time for NLTN to make arrangements, which is normally at least three weeks prior to start date of the course. For more information call 800-536-6586.

Course # 588-025-14, 588-026-14

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The National Laboratory Training Network is a training system sponsored by the Association of Public Health Laboratories (APHL) and the Centers for Disease Control and Prevention (CDC).

For a complete list of courses, visit www.laboratorytraining.org