



# Biosafety and Biosecurity: Minimizing the Risks in the Laboratory

January 27, 2010 - Dallas, TX



Sponsored by Dallas County Health and Human Services, Laboratory Response Network 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 (BSL3) practices in a BSL2 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 BSL3 practices in a BSL2 laboratory.
- List the elements of biosecurity and biosafety plans.
- Explain the risk assessment processes for both biosafety and biosecurity.

## Faculty

Rod Frazier, M.S., MBA, MHA, Senior Health Scientist, CDC, Office of Workforce and Career Development, Atlanta, GA

## 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 5.0 contact hours.

## Agenda

8:00 a.m.	Registration (Continental Breakfast Provided)
8:30 a.m.	Overview of Agenda and Objectives
8:45 a.m.	Pre-test and Pre-Practices Survey
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
11:45 a.m.	PPE Demonstrations
12:15 p.m.	Lunch (Provided)
12:45 p.m.	Biosecurity Overview
1:15 p.m.	Biosecurity Risk Assessment
1:45 p.m.	Biosecurity Risk Assessment Activities
2:15 p.m.	Post-test
2:30 p.m.	Adjourn

## Location

January 27, 2010  
Marriott Renaissance Hotel  
Dallas, TX

## Registration

Register Online for FREE at [www.nltn.org/020-10.htm](http://www.nltn.org/020-10.htm)

Registration Deadline: January 20, 2010

- If you have difficulty with the online registration process, please email [registrar@aphl.org](mailto:registrar@aphl.org) or call 240.485.2727.
- Upon receipt of your registration, a confirmation letter with detailed directions, will be sent by email.
- For additional program information, email [seminar@nltn.org](mailto:seminar@nltn.org).
- Your registration fee includes lunch and reference materials.

## Special Needs

Individuals seeking special accommodations should submit their request in writing to [customersupport@aphl.org](mailto:customersupport@aphl.org). Please allow sufficient time for APHL 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 # 588-020-10

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.nltn.org/courses](http://www.nltn.org/courses).