

Biosafety Practices for the Clinical and Public Health Laboratorian

Preconference Workshop, ID Lab Con 2025
March 24, 2025 • 9:00 am – 4:00 pm PDT
Pasadena Convention Center • Pasadena, CA
Register at www.aphl.org/IDLabCon • \$200

P.A.C.E.® continuing education credits will be offered.



MARCH 25-27, 2025
PASADENA, CA

DESCRIPTION

This workshop is designed to enhance the knowledge and skills of clinical and public health laboratorians in critical areas of biosafety and biosecurity. Participants will learn best practices to identify and mitigate risks for laboratory personnel, including understanding laboratory acquired infections (LAIs), performing risk assessments and conducting root cause analyses for laboratory incidents or near misses. This workshop will also include practical sessions on how to use the Association of Public Health Laboratories' (APHL) "Exposure Assessment and Symptom Monitoring Guide" and applying these tools to real-world scenarios.

OBJECTIVES

At the end of the workshop, the participant will be able to:

- Recognize the impact of LAIs and the key principles of biosafety
- Apply tools for performing risk assessment, exposure assessment, and root cause analysis
- Review strategies for managing a biosafety program, the role of biosafety competencies, and strategies for communicating with leadership

SPEAKERS

Erin Bowles, BS, MLS(ASCP), Wisconsin State Laboratory of Hygiene

Shoolah Escott, MS(MLS), MT(ASCP), ABSA International

Michael Pentella, PhD, D(ABMM), Iowa State Hygienic Laboratory

Michael Perry, MS, MSED, Wadsworth Center

PROPOSED AGENDA

9:00 am	Welcome and Introductions
9:15 am	Session I: Review of the History of Lab Acquired Infections Overview of the LAI Database
9:45 am	Session II A: Overview of Exercise Tools for Risk Assessment, Exposure Assessment and Root Cause Analysis
10:30 am	Break
10:45 am	Session II B: Review of Two Published LAI Papers Using the Tools Above
11:25 am	Session III: Small Group Activity: Case Reviews
12:30 pm	Lunch Break
1:30 pm	Case Reviews and Reporting
2:30 pm	Break
2:45 pm	Session IV: Apply Literature Findings to an Exposure While Working with an Emerging Infectious Disease
3:15 pm	Session V: Cost of Exposure Analysis
3:30 pm	Session VI: Communication, Competencies and Biosecurity
3:45 pm	Questions and Discussion
4:00 pm	Adjournment