

Biosecurity Principles

ABSA 2009 Pre-conference Course
Miami, Florida

Laboratory biosecurity has become a visible and political component to laboratory practices. Recent Presidential directives and Congressional reports have highlighted laboratory biosecurity is a potential weakness in both the US and the International bioscience community. Understanding and defining the fundamentals of a biosecurity program have become another component a laboratories biorisk management. This course will provide participants with the principle components needed to understand biosecurity risks and how these components should be used to mitigate the risks. This course will include lecture and facilitated class discussions.

Learning Objectives:

- Students will be able to define biosecurity risk
- Students will understand the key components to biosecurity risk mitigation
- Students will learn specific strategies to implement biosecurity

Schedule:

- Introduction to Biosecurity

- Defining Biosecurity System Requirements
 - Regulatory Requirements
 - Biosecurity Risk Assessment
 - System Objectives

- Design System
 - Physical Security
 - Personnel Reliability
 - Material Control and Accountability
 - Information Security
 - Transport Security

- Biorisk Management