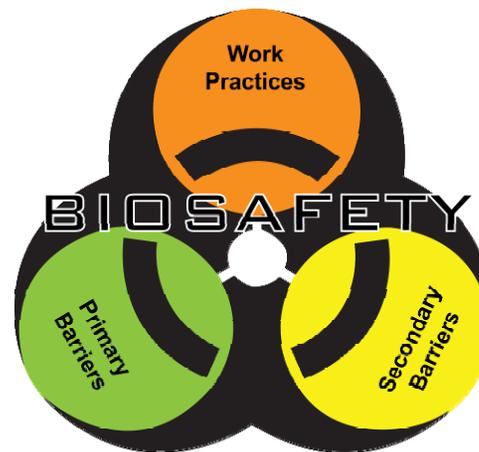
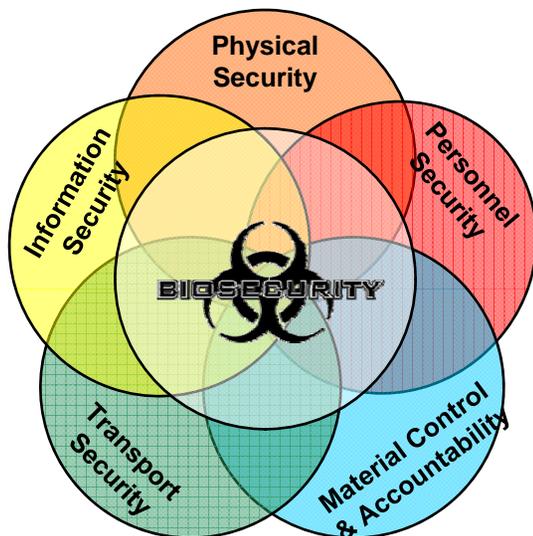




# Incident Response



***African Biological Safety Association (AfBSA)***

***“WORKING SAFELY AND SECURELY WITHIN BSL-2 LABORATORIES”***

**Reynolds M Salerno, PhD, Manager**  
**International Biological Threat Reduction**  
**Global Security Programs**  
**Sandia National Laboratories**  
**Albuquerque, NM USA**

SAND No. 2008-0480P

Sandia is a multiprogram laboratory operated by Sandia Corporation, a Lockheed Martin Company, for the United States Department of Energy's National Nuclear Security Administration under contract DE-AC04-94AL85000.





# Incidents Are Not Necessarily Emergencies

- **Incident**
  - An event that's likely to have adverse consequences
- **Emergency**
  - Unanticipated circumstances resulting in need for immediate action
- **Class Activity: Identifying possible incidents that might occur at bioscience facilities**





# Goals of Incident Management

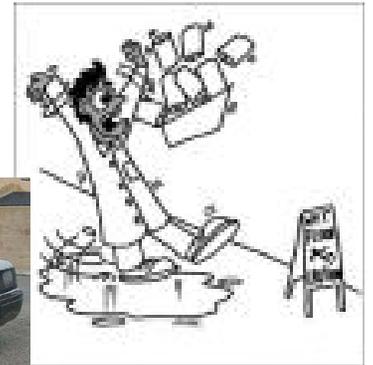
- **Tool to prevent incidents**
  - Preplanning
  - Anticipate incidents
  - Implement preventive measures
- **Enhance ability to respond to incidents**
  - Know what to do
  - Minimize panic
- **Attempt to minimize loss or injury**
- **Enhance ability to recover from incidents**





# Incident Response: Steps to Preparation

- Risk Assessment (again!)
- Risk mitigation
- Pre-plan: procedures and personnel
- Integration with facility plans
- Cooperation with local responders
- Training and drills
- *Response, report, and review*



*Chance favors only the prepared mind*

--Louis Pasteur, 1854



# Considerations

- **Plan for all possible contingencies**
  - Inception to termination
  - Minor incidents to major catastrophes
- **Take advantage of existing plans**
- **Use a team approach**
- **Common terminology**
- **Resources for assistance**
  - Government agencies
  - Emergency response personnel
  - Hospitals
- **Training**
  - Roles
  - Responsibilities
  - Policies
  - Procedures
  - Familiarity with facility
- **Memorandum of understanding**
- **Authority**
  - BSO
  - Lab Manager
  - NIMS, NRP
- **Media**
  - Use to your advantage
  - Control information to media
- **Have a backup plan**





# Incident Response







**Don't make it worse!**













**Learn from past incidents to improve your response SOPs**

