

**Bioterrorism and Emergency Preparedness Clinical Laboratory Core Competencies
(Area)
Preparedness & Planning (Group)**

Name	Description
Laboratory Role	Describe the role of the University Hygienic Laboratory, sentinel and the basic-capacity laboratory in emergency response for a range of emergencies that might arise including biological and chemical events.
Chain of Command	Describe the chain of command within the laboratory and organization in an emergency response.
Emergency Response Plan	Identify and locate the organizational emergency response plan.
UHL Biological Defense Kit	Identify and locate the UHL Biological Defense Kit Describe the contents of the Kit
Laboratorian's Role	Describe the laboratorian's role in emergency response and demonstrate these roles during organizational or local exercises.
Communication Equipment	Demonstrate correct use of all communication equipment/systems used for emergency communication, including the Iowa Health Alert Network, phone, fax, etc.
Communication Role Within Organization	Describe the laboratorian's communication role(s) in an emergency response within the organization.
Limits and Referrals	Identify limits to own knowledge and responsibilities, and identify key system resources for referring matters (flow charts, call trees, phone lists).
Event Recognition	Recognize unusual organisms and event that might indicate and emergency and describe appropriate action.
Communication with UHL	Maintain regular communication with the University Hygienic Laboratory and with partner professionals in the organization and county involved in emergency response.
Terrorism Response Plan	Generate a terrorism response plan that is integrated with the organizations and county emergency response plan (CAP MIC.18976).
Written Staffing Plans	Maintain written plans for staffing availability during a terrorism or emergency event.
Safety Measures	Specify safety measures to be taken in an event, including use of personal protective equipment.
Exercises	Participate in organizational and local exercises
Organism Referral Protocols	Maintain organism protocols to be used to rule out or refer to the UHL.
Communication Plans	Define laboratory communication plans and protocols for disseminating information to emergency response partners during an emergency.
Supplies	Maintain information and supplies as received from the UHL.
Communication Role With Media	Describe the laboratorian's communication role(s) in an emergency response within the media.
Communication Role With General Public	Describe the laboratorian's communication role(s) in an emergency response with the general public.
Communication Roles With Personal Contacts	Describe the laboratorian's communication role(s) in an emergency response with personal contacts (family, neighbors).
Isolates Recognition	Maintain written policies and procedures for the recognition of isolates that may be used as agents of bioterrorism. (CAP MIC.18968)

Response & Mitigation (Group)

Name	Description
Reporting System	Ensure a functioning system for result reporting during a bio- or chemical terrorism event.
Sentinel Laboratory Testing and Referral	Maintain the ability for a sentinel laboratory to rule-out testing and rapid referral to the UHL.
Iowa Laboratory Response Network Protocols	Implement Iowa Laboratory Response Network protocols when needed (CAP MIC.18976)
Communication Systems and Protocols	Use established communication systems and protocols for coordination among the response community, including the Iowa Biological and Chemical Threat Agent Protocol Model.

This competency set was developed by staff of the University Hygienic Laboratory and their clinical laboratory advisory committee. Staff of the Institute for Public Health Practice at the University of Iowa College of Public Health with funding through the Upper Midwest Center for Public Health Preparedness <http://www.public-health.uiowa.edu/icphp/> assisted with this development activity. This set of competencies is available on the Prepare Iowa Learning Management System www.prepareiowa.com