



TRAINING OUTCOMES

- Integrated team training
- CST training: sample collection/testing, real world samples, sample handoff
- Biological Warfare sample collection training for survey, multiple sample types
- Clandestine lab exposure – “what to expect”
- Equipment checks for team in off site location
- FBI/CST communication bridges and expectations
- OGA interaction as scenarios permit: DHS/FERN/USDA/EPA/FDA
- Law enforcement interaction and exposure training
- HAZMAT interaction with on site CST
- Assist in developing standardization for sample collection within all agencies
- SME oversight in relaxed training environment – NOT EVALUATION!
- AAR conducted within 24 hours of exercise completion



Fort Detrick is located in Frederick, MD, approximately 48 miles northwest of Washington, D.C. and 54 miles west of Baltimore, MD.



USAMRIID

United States Army
Medical Research Institute
of Infectious Diseases

Biodefense solutions to protect our nation

BAIT

Biological Agent Identification and Counterterrorism Training

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BACKGROUND

Biological Agent Identification and Counterterrorism Training (BAIT) at Fort Detrick provides realistic training scenarios, facilities, and subject matter experts to increase the preparedness of biological threat event responders. Biological agent training events can be custom designed based on the organizations involved and projected threats. To date, training has involved National Guard Civil Support Teams; local, state and federal law enforcement and HAZMAT teams; and federal criminal investigation agencies. Optimal results are obtained when multiple agencies participate as communications, responsibilities, and timelines are realized. Training at offsite locations has also been performed to meet customer needs

The rapid and decisive response to biological agent incidents and activities by U.S. agencies is vital to public health and national security. Attacks with biological weapons could: cause catastrophic numbers of acute casualties, long-term disease and disability, psychological trauma, and mass panic; disrupt critical sectors of our economy and the day-to-day lives of Americans; and create cascading international effects by disrupting and damaging international trade relationships, potentially globalizing the impacts of an attack on United States soil.

The U.S. Army Medical Institute of Infectious Diseases (USAMRIID) at Fort Detrick, MD leads the way as a national level laboratory for cutting edge research in the field of biological warfare agent research designed to detect and treat personnel.

The Field Operations and Training (FO&T) Branch of USAMRIID's Diagnostic Systems Division (DSD) was instituted in 1999 to develop procedures and training that enable the use of these cutting edge technologies in field and austere environments. FO&T's expertise has grown over the years and they have performed many field operations in the U.S. and around the world.

In 1999 FO&T began offering the Field Identification of Biological Warfare Agents (FIBWA) course. This 4-week course trains military, federal, and state customers to analyze samples in a field environment. The course provides thought provoking scenarios, realistic samples, and hands on training and testing

Due to the fundamental link and complexity between analysis, communication and sampling; especially during interagency operations, USAMRIID developed Biological Agent Identification and Counterterrorism Training (BAIT) in 2009. The staff subject matter experts customize and stage scenarios for single or multiple organizations then monitor and critique operations. The outcome is a more proficient organization with increased awareness of internal and external roles and responsibilities during real world activities.

TRAINING OBJECTIVES

Civil Support Team and other DOD Entities – To continue our gold standard training, by expanding current FIBWA platform to include situation training exercises that not only test the capability of mobile laboratories, but also incorporate survey, communication and medical sections as they would be utilized during a real world event.

Law enforcement – federal/state/local - To provide a realistic training platform for special entry teams that will be required /allowed to breach the units and clear the site while encountering unfamiliar activities such as clandestine biological agent production labs, biological agent packaging and staging areas, and hostile occupants that will resist and possibly be infectious.

HAZMAT – federal/state/local – To test capability to provide initial site survey and proper decontamination of possibly exposed personnel. Decontamination will include that of entry team, detainees and possible neighbors.

Federal criminal investigation agencies -- Exposure to departments encountered during a biological terrorist event and provide scenarios that will include a number of different avenues to approach for information collection; from the neighbor living nearby – to the girlfriend/boyfriend/co-worker of the suspect attacker. To collaborate/witness the sample and evidence collection. FBI/DHS/USDA/CID/EPA

POSSIBLE EVENT TIME LINE

0500 – 911 call to local police for; domestic disturbance/suspicious activity
0530 – Officer denied entry-observes possible ‘terrorism’ activity – hostile occupants
0600 – Participating agency SWAT/SERT entry team and supporting HAZMAT/decontamination fire unit activated
0700 – Entry and HAZMAT team on site/briefed/geared up
0800 – First entry into buildings by LE teams
0845 – Site secured, suspects detained and all participants begin decontamination process
0900 – Civil Support Team (CST) and FBI weapons of mass destruction (WMD) coordinator activated
1000 – CST/FBI WMD on site and briefed
1030 – Detainee interviews begin for case information – participating LE/CID agencies
1200 – CST survey team enters buildings for site survey and sample collection plan
1400 – CST survey phase 1 provides samples to on site lab for testing as well as to FBI for LRN sample analysis
1415 – On site mobile lab begins sample manipulation for testing and split for handoff to FBI/HMRU/LRN
1530 – CST survey phase 2 begins
1600 – Scenario continues with participants actively involved with sample collection, testing, transporting, interagency communication, interviewing neighbors and suspects, decontaminating personnel and gear, activation of interagency communication lanes utilizing CST capabilities for secure and non-secure uplink.
1800 – End of Exercise (ENDEX)

BAIT PROVIDES

- Realistic integrated training for responders to bioterrorism events
- True subject matter experts for functional recommendations
- CD/USB recording of exercise
- Realistic BW samples
- Multiple day exercises w/BW refresher training
- Mobile Training Teams **NEW**