

BNL Northeast Emergency Management Academy

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NATIONAL LABORATORY

a passion for discovery



U.S. DEPARTMENT OF
ENERGY

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Science

Current Vision

- The Brookhaven National Laboratory Northeast Emergency Management Academy will provide comprehensive and immersive training on emergency and incident management, currently with a focus on chemical, biological, radiological / nuclear, and explosive (CBRNE) incidents (accidental and terrorist-initiated).
- Our training goals will be achieved through a combination of individual and team training.
- The Academy will qualify students through the performance-based qualification system implemented for Incident Management Teams by the Federal Emergency Management Agency.

Mission

- The mission of the BNL Northeast Emergency Management Academy is to train incident management teams on planning, preparedness, and responding to complex events, both accidental and malevolent.
- The BNL Northeast Emergency Management Academy will operate as a residential academy at Brookhaven National Laboratory as well providing training at remote sites and online. The Academy will primarily serve the Northeast United States, but will also accept students from other regions.

Academy Guidance

- Formation of an Advisory Committee
 - 8 members
 - Stakeholder organizations represented
 - National Emergency Management Association
 - International Association of Fire Chiefs
 - All Hazards Incident Management Teams Association
 - The remaining are response entities or practitioners
 - New York State Office of Emergency Management
 - Fire Department, City of New York
 - Nassau County Police Department

Focus

- Chemical, biological, radiological, nuclear, explosives incidents
 - Large scale incidents
 - Multi-operational
- Strategic
 - Managing incidents
 - Individual training
 - Team training
- Potential trainers for Energy Infrastructure Emergencies
 - BNL's experience in energy, energy infrastructure, atmospheric and environmental sciences, and CBRNE

Integration of BNL Scientific Research into Training

- BNL research on Radiological Dispersal Devices
 - Proposal submitted to DHS to develop training program
- Based on advice from Advisory Committee on training gaps
 - Conduct an inventory of research at BNL to determine what other research capabilities can support training

How Can the Academy Help?

- Train an Incident Management Team (IMT)
 - Using FEMA training
 - Integrate specific scenarios to support target audience
 - Develop drills and exercises to validate training and qualifications
- Support the completion of FEMA's All Hazard IMT Task Book
 - Qualifications Based Management System
 - Nationally implemented
- Keep an IMT and Emergency Operations Center well-trained
 - Develop and conduct drills and exercises

Status and Future

- The Academy is in the developmental stages at this time
- Waiting to hear whether First Responder Group in DHS will fund a proposal on RDD incident management decision-making
- Working with Advisory Committee to identify gaps in training for incident managers
- Is energy infrastructure an area where the Academy can provide support?

Questions?

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