Emergency Preparedness: Best Practice

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Emergency Planning and Response Manager
Agenda

- Philosophy
- Role and Environment
- Best Practices in Context of the NEIDL
BUMC’s Philosophy

- Reduce the risk of an incident that could cause an impact to life and property through mitigation efforts
- Prepare for any and all events that might happen
- Respond appropriately and quickly with BUMC and public safety resources
Emergency Planning & Response

- Basically, Emergency Management Director for
  - Boston University Charles River Campus
  - Boston University Medical Center
  - National Emerging Infectious Disease Laboratory
Emergency Planning

- BU
  - OEHS

- BMC
  - Disaster Coordinator
  - OEHS
Charles River Campus

- Fourth-largest independent university in the US.
- Approximately 26,000 students and 5,000 employees;
- Approximately 600 maintenance and custodial staff;
- There are approximately 10,000 students in residence.
Charles River Campus

- Approximately 348 buildings;
- 260+ residences;
- Approximately 9 million SF of assignable space of which approximately 1.4 million SF is laboratory space.
Boston University Medical Center

- Boston Medical Center
- Boston University
  - School of Medicine
  - School of Public Health
  - Goldman School of Dental Medicine
  - Division of Graduate Medical Sciences
- Bio Square
- National Emerging Infectious Disease Laboratory
Boston University Medical Center

- 8,000 employees
- 3,000 students
- 854,000 patient visits/year
- 39 buildings
- 4 million square feet
- 2 parking garages w/1240 spaces
- 8 parking lots w/1760 spaces
- 547-bed academic medical center in the South End
- Largest 24-hour Level I Trauma Center in New England – 125,000 ED visits/year
- Full spectrum of pediatric and adult care services – primary to family medicine to advanced specialty care
2005 Annual Conference
October 24-26 2005, Newport, RI

2006 Winter Conference
February 16th, 2006
Sheraton Braintree Hotel, Braintree, MA

Trauma = ED, OR, WMD response
Alternate = Treatment access
External = controlled environment
CCC = Command & Control, Heliport
Research

- 305 Labs at BUMC
  - 3 BSL3
- 200 + at BU CRC
To Sum it All Up...

"If we knew what it was we were doing, it would not be called research, would it?"

– Albert Einstein
Emergency Plans

- BUMC
  - Emergency Response Plan
  - Integrated Contingency Plan
  - Select Agent Response Plan

- BMC
  - Disaster Plan
Best Practices

- Mitigation
- Preparedness
- Response
- Recovery
Mitigation

- Risk Assessment
- Hazard Vulnerability Assessment
- Security
Preparedness

- Emergency Response Planning
- Communications
- Coordination
- Equipment
- Training
- Exercise Program
ICS Training

- BMC staff are being trained in HEICS Version 4
- All Command Center Personnel are being trained in NIMS – IS100 and IS700
Comprehensive Exercise Program

- Communications
- Command and Control
- Select Agent
- Hospital Disaster Plans
Public Emergency Responders

- Bio Safety Awareness Training
- Operation Icarus
- Future Exercises
- Planning for NEIDL
Coordination w/Public Responders

- Boston Public Health Commission
- Boston Emergency Management Agency
- Boston Emergency Medical Services
- Boston Fire Department
- Boston Police Department
- Mayor’s Office of Homeland Security
Coordination w/Public

- Corporate Communications
  - Director of Community Affairs
- Public Affairs
- Mgr, Emergency Planning & Response
Response

- Command Center
- Emergency Response Teams
- First Responder Coordination
BOSTON UNIVERSITY MEDICAL CENTER
EMERGENCY PLANNING AND RESPONSE

Detailed policies and procedures in place that are regularly tested.

Active Emergency Response and Safety Committees

Largest 24 hour Level 1 Trauma Center in New England. 122,000 ED Visits last year

New $1 million Command & Control Center with 170,000 calls for assistance last year
Existing utility infrastructure designed for redundancy.

Extensive communication, notification and coordination systems in place involving EMS, BFD, BPD, PHC, BEMA

Continued emergency planning with community input.
Emergency Response Teams

- Principal Investigator
- Biological Safety Officer
- Facilities Manager
- Public Safety Supervisor
- Occupational Health Officer
- Manager, Emergency Planning & Response
Recovery

- COOP
- Disaster Declarations
  - Boston, State, Federal
  - Contractors
In The End, It’s About A TEAM