3-1-2013

Campus Roles in Emergency Management

Frannie Edwards
Mineta Transportation Institute, San Jose State University

Follow this and additional works at: http://scholarworks.uno.edu/dru2013

Recommended Citation
http://scholarworks.uno.edu/dru2013/6

This Presentation is brought to you for free and open access by the Conferences and Workshops at ScholarWorks@UNO. It has been accepted for inclusion in DRU Workshop 2013 Presentations – Disaster Resistant University Workshop: Linking Mitigation and Resilience by an authorized administrator of ScholarWorks@UNO. For more information, please contact scholarworks@uno.edu.
Campus Roles in Emergency Management

Frannie Edwards, MUP, PhD, CEM
Deputy Director, National Transportation Security Center

Mineta Transportation Institute
San Jose State University
Campus As A City

• Campuses have many of the same attributes as a city
  – Roads, infrastructure, buildings
  – Services like road maintenance, public safety, health clinic
  – Residents and commuters

• Campuses need to prepare for disasters like a city
  – Emergency management assets: emergency operation plan, EOC, CERT
  – Emergency drills and exercises
Campus As A City

- Plan should be NIMS-compliant
  - Risk-based; ICS in the field; organized EOC; training and exercises
    - Risk = threat x vulnerability x consequence
    - Community emergency plan provides one risk analysis, add unique campus issues like active shooter
  - Example EOC checklists at www.transweb.sjsu.edu
- Plan should be coordinated with the larger community plans and resources
- Plan should include mutual aid with other universities
Campus as a Business

• Continuity of Operations issues like a business
• Plan for contacting vendors/suppliers
• Plan for alternate site for operations, telework, internet-based course delivery
• Plan for employees – who must return to work, who can telecommute, who can take vacation time during closure? Union issues? Faculty contracts? Off-site campus rentals?
Campus Emergency Plans

• Unique campus challenges:
  – Young adults on their own for the first time, parent communication plan
  – University is contractually responsible for care and shelter for residential students
  – Disability community
  – Concentrated population
  – Few internal responders
    • Security, police, haz mat, other?
Campus Emergency Plans

- **Specialized campus challenges:**
  - Student housing preparedness: stockpiles, C-CERT
  - Crime reporting obligation, emergency notification
    - Automated system? Social media issues?
  - Faculty, staff, student commuters
  - Faculty may lack knowledge of response, safe behavior, expectations of cooperation
    - Not native to the area, unaware of risks/hazards
  - Unionized employees, no obligation to stay
  - Hazardous materials/labs
  - Utilities- internal water, power?
  - Not a tax payer, so may not be a community priority
Campus Emergency Plans

• Campus emergency measures:
  – Plan for disruption
    • What is the maximum disruption before you close the campus?
    • What will you do about class delivery – on-line, transfer, financial implications?
    • Contagious disease planning, recovery
  – Coordinate with student and faculty groups, parents, local officials
  – Risk Management
    • Buy appropriate insurance for known risks
      – Flood, earthquake, commercial property insurance
      – Vehicle insurance, Workers Comp coverage – include volunteers
      – Business interruption coverage
    • Estimate liability for non-campus member use of facilities
      – Shelter, medical care, feeding, Disaster Assistance Center
Campus Emergency Plans

- **Campus emergency measures:**
  - Inventory campus resources and consider creative application, e.g., busses as shelters, as ambulances for “greens” in mass casualty events- are drivers trained to return to work in a disaster?
  - Housing students, stay or go home?
    - Disabled students with no elevator? Aged-out foster children? International students?
    - Regional disaster with disrupted transportation systems?
  - Feeding capacity- stockpiled food, loss of refrigeration
Campus Emergency Planning Elements

- Emergency Operations Center
  - Trained and exercised
  - Alternate communications - amateur radio, satellite phones, state links
  - Pre-staged computers, software, GIS mapping, hard copy contact and contract lists
Campus Emergency Planning Elements

- Campus Community Emergency Response Teams - C-CERT
  - [http://c-cert.msu.edu/](http://c-cert.msu.edu/)
  - Involve faculty, staff, adult (18+) students
  - Housing teams, campus building teams
  - Coordinate with community CERT
• **Training, Drills and Exercises**
  
  – Provide information about the emergency plan and their role in it to all campus members: website, emails, fliers
  
  – Include home and family preparedness information or staff will not stay/come back
  
  – Involve students, faculty and staff in campus building fire and evacuation drills
  
  – Involve students and staff in housing fire and evacuation drills
  
• **Campus Emergency Planning Elements**

  – Exercise with local first responder agencies to ensure plans are congruent: seminars, tabletop exercises; full scale only when plans are confirmed
Campus As a Service Provider

• **Campus resources**
  – Campus transportation resources
  – Campus repair/facilities

• **Neighborhood expectations**, especially in urban settings
  – See campus open space as shelter site?
  – Would campus resources be accessed by community?
  – Is there a pre-plan for community use?
Campus as a Community Resource

• **Mass care?**
  - Plan to vacate and close campus for liability reasons, but neighbors want to use open space?
  - Might be only buildings standing—use for shelter?
    - Note problems in Haiti with getting the school grounds back
    - Problems in Northridge with cleaning public parks

• **Feeding facilities?**
  - Conflict with students for resources? Students have a contract…
Campus As A Community Resource

- **Student Health Center**
  - Community use of facility? Has staff participated in the planning? Liability issues?

- **Volunteers?**
  - Students, fraternities, service clubs
  - University’s responsibility and liability?
  - State Disaster Service Worker program?

- **Experts - Knowledgeable faculty**
  - Nursing faculty and students assist with first aid? Good Samaritan Laws?
  - Engineering faculty and students help with damage assessment? Do they have training? ATC-20...
Resources for Campus Emergency Planning

• Role of Transportation in Campus Emergency Planning MTI 08-06 and Supplement WP 10-01
  – includes complete set of EOC position checklists
  – http://www.transweb.sjsu.edu

• Generic COOP Plan and Training at MTI website

• Damage Assessment- ATC-20

• C-CERT
  – http://c-cert.msu.edu/
Speaker Contact

- Frannie Edwards
- Deputy Director, National Transportation Security Center
- Mineta Transportation Institute
- 210 N. Fourth St., San Jose, CA 95112
- 408-924-7560
- Frances.edwards@sjsu.edu
- www.transweb.sjsu.edu