Campus Roles in Emergency Management

Frannie Edwards
Mineta Transportation Institute, San Jose State University

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

Recommended Citation
https://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
• **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