Are you ready?....
Partners in UC Berkeley's Student Housing Disaster Preparedness Program

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Learning Outcomes

Participants who attend this presentation will be able to:

- Discover various natural disaster predictions;
- Identify required partnerships for success in developing a disaster preparedness program; and
- Model best practices of this program on other campuses
While the focus of the UC Berkeley program is on earthquakes, it is possible to replicate it across the country in areas facing a number of disasters....
Bay Area Earthquakes

- 50+ Earthquakes since January 30, 2006
- 36 of 46 centered within 5 miles of Berkeley
- It has been 140 years since Hayward Fault has seen a major earthquake
If the 1906 San Francisco Earthquake Happened Today…

- Dramatic infrastructure loss
- Major transportation problems
- Worst economic disaster in U.S. history
1989 Loma Prieta Earthquake – 60 miles away
Hayward Fault

- Major quake estimated every 140 years
  - 62% chance in next 30 years
  - 6.7 Magnitude
- Runs through Berkeley & under Memorial Stadium
- Fraternity and sorority row adjacent to fault line
The Next San Francisco Bay Area Earthquake Will be Catastrophic

- Counties will be simultaneously impacted
- Significant number of casualties
- Loss of housing, businesses, and institutions
- Damage to infrastructure
- Damage to state and national economies
- Magnitude of damage and economic loss
Disaster Response

- Overtaxed resources
- State mutual aid in 12 hours
- Federal response in 3-7 days
- YOYO
Berkeley Student Housing Disaster Preparedness Program

- Funding: Homeland Security
- Target: Organized private student housing
- Provided: Seven (7) disaster equipment caches
- Mandated student training in basic preparedness; along with fire suppression, search and rescue, and disaster first aid
Neighborhood Networks

- First source of help
- Take care of each other
- Develop teams to share work and responsibilities
- Eligible for disaster equipment
Involvement

- Over 4,000 students
- Fraternities & Sororities (housed & unhoused)
- Co-Ops
- UC Berkeley staff
- BFD
- City of Berkeley staff
- Alumni volunteers
- House directors
- IFC & PHC leadership
- Headquarters staff
Disaster Equipment Caches

- 6,000 watt generator
- Fire hose and nozzles
- Fire extinguishers
- 50 person disaster medical kit
- Pop up canopy
- Portable lights
- Helmets, goggles
- Pry bars and hammers
- 2 Way radios
- Caution and Duct Tape
Cache Site Locations

- Needed to add student housing areas into existing City cache sites
UC BERKELEY SOUTHSIDE STUDENT LIVING GROUPS 2007--2008

scale 1:720 or 1 inch = 60 feet (photo 26 Oct 2003)
Process & Timeline

- Campus & City discussion in fall 2007
- Presentation to HQs partners at AFA, December 2007
- Presentation to House Corporation reps, January 2008
- Host locations assessed and negotiated
- Mandatory participation agreed to by IFC and PHC
- Cache equipment delivered to City
- Self-insurance determined to cover vandalism
  - Use extra funds to purchase additional caches
- Development of LoUs
- Equipment delivered to sites in April 2008
- Ongoing CERT training
CERT Training by BFD and ARC

- Basic Preparedness
- Train the Trainer
- Fire Suppression
- Light Search and Rescue
- Disaster First Aid
- Radio Communications and Incident Command System
- Disaster Mental Health
What We Needed

- Support and buy in from the HQs
- Support and buy in from IFC and PHC
- Information to and buy in from the local chapter undergraduates and property owners
- Each chapter/house to develop their own disaster plan
- Property owners to mitigate and consider earthquake retrofits in future remodels
Required Partnerships

- City of Berkeley and BFD
- IFC and PHC leadership
- Undergraduate leaders
- American Red Cross Bay Area Chapter
- University; F&S Life staff
- HQs staff
- House Corporation board members
- House Directors
- Co-op leadership
Summary

- SHDPP was a grant to change the culture of students living in organized housing
- The City and UCB collaborated to keep students and privately-owned facilities intact and safe
- We needed support from HQs, student leaders, and local advisors to make this program sustainable and successful
FYI: *YOUR* Individual Preparedness

- Family escape and meeting site plan
- Long distance phone contact
- Disaster kit
- Disaster proof your home
- Neighborhood network
Questions?

Brainstorming Next Steps for You, Your Campus, Your Organization