Using Pandemic Planning to Promote Disaster Recovery - or what I learned from the Bird Flu

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Available at: https://works.bepress.com/vjlucus/15/
Using Pandemic Planning to Promote Disaster Recovery – or what I learned from the Bird Flu.

Valerie Lucus, CEM, CBCP
UC Davis
Emergency Management

Laine Keneller
UC Davis
IET: (Information, Education and Technology)
Disasters on campus

February 14, 2007,
Depauw University
Greencastle, Indiana

May 16, 2006
University of Washington
Seattle, Washington

October 30, 2004
University of Hawaii
Honolulu, Hawaii
Disasters on campus

CSU Northridge
November 15, 1994
Disasters on campus

Hurricane Katrina
August 29, 2005
Protecting the campus

EMERGENCY MANAGEMENT

The process of coordinating available resources to effectively manage emergencies and disasters that overwhelm day-to-day operations, thereby saving lives, avoiding injury, and minimizing economic loss.

BUSINESS CONTINUITY MANAGEMENT

“A comprehensive process to ensure the continuation and improvement of business in the face of whatever challenges a firm may face.”
Protecting the campus

EMERGENCY MANAGEMENT

The process of coordinating available resources to effectively manage emergencies and disasters that overwhelm day-to-day operations, thereby saving lives, avoiding injury, and minimizing economic loss.

BUSINESS CONTINUITY MANAGEMENT

A comprehensive process to ensure the continuation and improvement of business in the face of whatever challenges a firm may face.
The Emergency Manager

“My job is to make sure everyone plays well together.”
“We take this threat of an Avian Influenza Pandemic seriously and are urging the entire University of California, Davis campus to take the necessary steps to prepare for it.”

Provost Virginia Hinshaw

UC Davis
We know they are:

- Historically inevitable
- Effect a large percentage of population
- Happen in 4-8 week waves
- Normal life is disrupted because of excessive absenteeism
AVIAN INFLUENZA PANDEMIC
BUSINESS CONTINUITY PLANNING GUIDE

For Schools, Colleges and Units at the University of California, Davis

Prepared by:
Valerie Lance, CEM, CRCP
Emergency Management
Safety Services
Office of Administration
April, 2006

THE UC DAVIS APPROACH

AVIAN INFLUENZA PANDEMIC
Business Continuity Plan

DATE

This plan is developed for the division, department, school, college, unit and specifically covers the critical functions and positions, designated personnel and response and recovery actions of the division, department, school, college, unit as they apply to an influenza pandemic scenario. This document will be combined with similar plans from other schools, colleges and units and compiled into a campus-wide plan for responding to an influenza pandemic.

Instructions: An electronic version of this template can be obtained from the UC Davis Emergency Manager, Valerie Lance (valerie.lance@ucdavis.edu, 530-752-8400). Using an electronic version will allow the Pandemic Planning Team to expand each section to include all necessary and appropriate information.

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Influenza Pandemic
Emergency Operations Plan

For Schools, Colleges and Units at the University of California, Davis

Prepared by:
Valerie Lance, CEM, CRCP
Emergency Management
Safety Services
Office of Administration
September, 2006

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Priorities of the campus:

– Protecting people, animals, research, facilities
– Maintain mission of research and education
– Supporting each other and our community

Priorities of the people on campus:

– Will I still get paid?
– Will I be able to access my email/calendar and work at home?

• Assigning a project manager as a liaison
• Commission of the Emergency Operations Center (EOC)
• Emergency communications
  – GETS/ WPS
  – RFP for emergency notification system
  – Radio system
• Developing “white papers” about what the campus could expect
  – Telecommuting
  – Meetings and Collaborations during a shutdown
We are telling the campus …

- Intra-campus connections are okay … **IF** we can maintain enough staff to keep it working
- Campus to campus connections are uncertain
- Home to campus connections are vulnerable

... because ...
Vulnerability: campus

1. How many servers are there?
2. Where are they?
Vulnerability: CENIC

1. Does CENIC have a disaster/continuity plan?
Vulnerability: PAIX

1. Is there a disaster/continuity plan?
2. Who makes decisions on priority service?
Vulnerability: internet

1. Will it stay up?
1. Who makes decisions on priority service?
UC Davis

- Total population: 50,000
  - 30,000 students
  - 20,000 staff and faculty (including state-wide staff that are associated with UC Davis, i.e.: county extension offices)

- Other UC campuses
- Local Community
- Larger Community
Challenge to CENIC

We could use some help!

1. Develop disaster/continuity plans to keep CENIC running, and share them with the CENIC community.

2. Does each PAIX has a disaster/continuity plans that defines how they are going to stay operational so all of CENIC stays operational?

3. Can we work with all those ISP’s to ensure they have disaster/continuity plans that address how they are going to prioritize traffic in and out of CENIC?

4. Can you share any available insight on how robust the internet is likely to be if its workflow increases 10-fold overnight?
Questions & Answers