



## December 2008

### In this edition:

- [Trainings/Exercises](#)
- [Webcasts](#)
- [Research](#)
- [News/Resources](#)
- [Conference](#)

Welcome to the latest issue of Emergency Preparedness Monthly! [The Maine Training Committee for Medical, Behavioral and Public Health Emergency Preparedness](#), the [Maine Center for Disease Control and Prevention](#) (formerly the Maine Bureau of Health), the [Maine Center for Public Health](#), and the Harvard School of Public Health Center for Public Health Preparedness have partnered to bring you regular updates on emergency preparedness news and activities in Maine and beyond. This free monthly newsletter is designed to be a resource for a regional audience of public health, healthcare, public safety, and emergency response practitioners throughout Maine, as well as state and local leaders interested in protecting the public's health. It includes a digest of select news stories and commentaries, links to relevant resources, and a listing of upcoming preparedness-related trainings and events. The goal of this publication is to provide a central forum for disseminating useful, current, and succinct preparedness information to busy professionals.

### Trainings/Exercises:



#### [Maine's Elders and Emergencies: Working for the Future](#)

**Overview:** "The Maine Center for Public Health, the Maine Office of Elder Services and the Maine Center for Disease Control and Prevention, the Maine Emergency Management Agency and the Harvard School of Public Health, Center for Public Health Preparedness (HSPH-CPHP) are pleased to present an online course intended to improve emergency preparedness planning for and among the elderly population titled: "Maine's Elders and Emergencies: Working for the Future". This course is designed for city and state officials, representatives of community-based organizations and other service providers, adult caregivers, first responders, elder adults, and any individual who wants to participate in promoting emergency preparedness for elder community needs. This course will provide you with the tools and knowledge necessary to prepare and respond to elders in an emergency. It is professionally narrated and has non-graded quizzes that will allow one to test their responses as well as printable facts and other downloadable information. We encourage you to share this online course with anyone involved in emergency preparedness or other groups/individuals who may benefit from it."

**\* \* Win one of five \$50.00 gift certificates when you complete the course evaluation \* \***

Visit: [www.cphp.sph.harvard.edu](http://www.cphp.sph.harvard.edu)

User name: Elder

Password: Elder

\*\*\*Please note, the above user name and password are case-sensitive\*\*\*

Certificates of completion will be sent via us mail 4-6 weeks from time of course completion.

**Contact:** Joshua C. Frances, 207-662-5143

---

## Webcasts:



### **Mass Antibiotic Dispensing: Partnering with Tribal Governments and Communities**

**Date:** Thursday, December 4, 2008

**Time:** 1:00 PM - 2:30 PM EST

**Overview:** "This broadcast will assist state & local Strategic National Stockpile (SNS) planners in determining how to effectively engage their neighboring tribal governments & communities. Participants from several states, counties, and tribal entities will discuss how to ensure that tribal leaders and stakeholders are appropriately involved in mass antibiotic dispensing and all-hazards planning. The broadcast will include a live question and answer session in which viewers are encouraged to participate. Objectives: Upon successful completion of the program, participants will be able to: define some of the challenges of reaching out to tribal populations; identify ways to reach out to the tribal communities; determine the most appropriate contacts within local tribal communities; list two preferred methods of communication within the tribal community. Describe two methods for providing training in the tribal community.

**Contact:** CDC, 1-800-41-TRAIN

### **Live Response: Comprehensive Cyberterrorism Defense**

#### **"From Identity Theft to Electronic Warfare - How to Win The Battle"**

**Date:** Wednesday, December 12, 2008

**Time:** 2:00 PM - 3:00 PM EST

**Overview:** "Live Response takes an inside look at a course offered by the University of Arkansas Criminal Justice Institute called "Comprehensive Cyberterrorism Defense (CCD)." This is part of the Cyberterrorism Defense Initiative working to train personnel in critical need areas nationwide. The goal of the CCD course is to provide technical personnel with the hands-on expertise necessary to defend communication and data networks from cyberterrorism events. The course stresses a proactive approach to providing computer, network and infrastructure security. This program will give you an increased understanding of the historical perspectives, network design and emerging methodologies in computer hacking.

**Contact:** Ed Kronholm ([dlnets@aol.com](mailto:dlnets@aol.com)), 877-820-0305

---

## Research:



### **Electronic Mass Casualty Assessment and Planning Scenarios (EMCAPS): Development and Application of Computer Modeling to Selected National Planning Scenarios for High-Consequence Events.**

**Scheulen JJ, Thanner MH, Hsu EB, Latimer CK, Brown J, Kelen GD.**

*j.annemergmed.2008.09.014*

**Overview:** "Few tools exist that are sufficiently robust to allow manipulation of key input variables to produce casualty estimates resulting from high-consequence events reflecting local or specific regions of concern. This article describes the design and utility of a computerized modeling simulation tool, Electronic Mass Casualty Assessment and Planning Scenarios (EMCAPS), developed to have broad application across emergency management and public health fields as part of a catastrophic events preparedness planning process. As a scalable, flexible tool, EMCAPS is intended to support emergency preparedness planning efforts at multiple levels ranging from local health systems to regional and state public health departments to Metropolitan Medical Response System jurisdictions. Designed around the subset of the National Planning Scenarios with health effects, advanced by the US Department of Homeland Security, the tool's platform is supported by the detailed descriptions and readily retrievable evidence-based assumptions of each scenario. The EMCAPS program allows the user to manipulate key scenario-based input variables that would best reflect the region or locale of interest. Inputs include population density, vulnerabilities, event size, and potency, as applicable. Using these inputs, EMCAPS

generates the anticipated population-based health surge influence of the hazard scenario. Casualty estimates are stratified by injury severity/types where appropriate. Outputs are graph and table tabulations of surge estimates. The data can then be used to assess and tailor response capabilities for specific jurisdictions, organizations, and health care systems. EMCAPS may be downloaded without cost from

<http://www.hopkins-cepar.org/EMCAPS/EMCAPS.html> as shareware."

### **Building human resilience: the role of public health preparedness and response as an adaptation to climate change**

Keim ME.

*Am J Prev Med 2008;35(5):508-516*

**Overview:** "Global climate change will increase the probability of extreme weather events, including heatwaves, drought, wildfire, cyclones, and heavy precipitation that could cause floods and landslides. Such events create significant public health needs that can exceed local capacity to respond, resulting in excess morbidity or mortality and in the declaration of disasters. Human vulnerability to any disaster is a complex phenomenon with social, economic, health, and cultural dimensions. Vulnerability to natural disasters has two sides: the degree of exposure to dangerous hazards (susceptibility) and the capacity to cope with or recover from disaster consequences (resilience). Vulnerability reduction programs reduce susceptibility and increase resilience. Susceptibility to disasters is reduced largely by prevention and mitigation of emergencies. Emergency preparedness and response and recovery activities--including those that address climate change--increase disaster resilience. Because adaptation must occur at the community level, local public health agencies are uniquely placed to build human resilience to climate-related disasters. This article discusses the role of public health in reducing human vulnerability to climate change within the context of select examples for emergency preparedness and response."

---

### **News/Resources:**



#### **Avian Influenza Daily Digest**

**Overview:** "The Avian Influenza Daily Digest" is produced by the United States Government, Office of the Director of National Intelligence, Washington DC, USA. Also available on the website is the HPAI H5N1 60-Day Outbreak Map that includes confirmed and suspected human/animal cases of HPAI H5N1 in the past 60 days. Articles and resource documents in this digest are from open sources and unclassified. This digest contains raw open source content and is not an evaluated intelligence product. Readers are encouraged to contribute updates and/or clarifications that will be posted in subsequent issues of the digest."

**Contact:** Claudinne Roe ([claudinne.r.roe@ugov.gov](mailto:claudinne.r.roe@ugov.gov)) Intelligence Analyst, Avian Influenza/Pandemic Planning, Office of the Director of National Intelligence CIO/Intelligence Community Enterprise Services, Washington DC 20511 USA, 301-317-7201

---

### **Conference:**



#### **Second Annual Conference on National Preparedness**

**Date:** Tuesday and Wednesday, December 8-9, 2008

**Location:** Hilton Melbourne Beach Oceanfront Hotel, Melbourne, Florida

**Overview:** "For two days, Florida Tech will host a number of America's top leaders in disaster preparedness, national security, humanitarian, and disaster relief logistics and many more topics and issues at the newly renovated Hilton Melbourne Beach Oceanfront. Special room rates are available for conference exhibitors and attendees. Safety-security participants from public, private, non-profit and academic sectors dedicated to practical and integrated solutions.

- Distinguished national and international speakers

- Golden Pheonix Exercise
- Emergency Response Hands-on Exercise (National Guard-Florida Emergency Management combined natural and manmade incident)
- Webcast, Conference Proceedings, Book Signing-Transportation Security by Dr. Cliff Bragdon, published by Elsevier
- Full exhibitions inside/outside, hands-on, discussion opportunities"

**Contact:** Nicole Hoier, Associate Director for Professional Development ([cnp@fit.edu](mailto:cnp@fit.edu)), 321-674-8388

---

You may notice in this version of EP Monthly, and going forward, that pdf documents of full articles are not available. However, links to access these articles are embedded. If you need assistance in accessing a referenced article, please do not hesitate to contact us by email at [epmonthly@hsph.harvard.edu](mailto:epmonthly@hsph.harvard.edu).

\* \* \*

**Please submit your events to the January edition of EP Monthly by mid-December through the following [online form](#). We would love to share our resources and opportunities with the growing New England EP Monthly community.**