



Kentucky Hospital Research & Education Foundation Emergency Preparedness Update for February 15, 2019

5 victims dead after Illinois workplace Active Shooting incident

(CBS) A gunman opened fire inside an Illinois manufacturing company Friday, killing at least five civilians and wounding five police officers in the rampage, authorities said. Local police identified the gunman as 45-year-old Gary Martin, who died in a shootout with officers.

Police said they have not yet identified a motive but believe Martin worked at the Henry Pratt manufacturing company. The attack triggered a heavy police response in Aurora, a city of about 200,000 people nearly 40 miles west of Chicago.

Read more and updates: <https://www.cbsnews.com/live-news/active-shooter-aurora-illinois-shooting-manufacturing-company-today-2019-02-15-live-updates/>

US flu activity continues to rise

(CIDRAP) US flu activity rose again last week, with the H3N2 strain expanding out of the southeast region, where it has been the dominant strain, and pushing into the south and central parts of the country, the Centers for Disease Control and Prevention (CDC) said today in its latest update.

The CDC said flu has reached a season high, with patterns similar to earlier seasons dominated by the 2009 H1N1 virus, according to an accompanying situation update. All of the CDC's regions have been above their flu baselines for 6 weeks in a row.

The CDC has said it expects flu levels to be elevated for the next several weeks, and it urges people to get vaccinated. It also reported more flu-related deaths in children.

Read more: <http://www.cidrap.umn.edu/news-perspective/2019/02/us-flu-activity-continues-rise>

Release of 2019-2022 National Health Security Strategy

(ASPR) The U.S. Department of Health and Human Services' (HHS) Office of the Assistant Secretary for Preparedness and Response (ASPR) released an updated quadrennial strategy to safeguard the nation's health in times of crisis.

The 2019-2022 National Health Security Strategy (NHSS) provides a vision to strengthen the nation's ability to prevent, detect, assess, prepare for, mitigate, respond to, and recover from disasters and emergencies. It includes strategies to improve readiness and adapt operational capabilities to address evolving threats such as the use of chemical, biological, radiological, and nuclear (CBRN) weapons; cyber warfare; emerging infectious diseases that could lead to a pandemic; and catastrophic natural disasters and human-caused incidents.

Additional detail on in depth briefings will follow. In the meantime, for more information about the NHSS, the federal Implementation Plan and an Evaluation of Progress of the 2015-2018 NHSS, please visit <https://protect2.fireeye.com/url?k=fdde0892-a18a11ee-fdde39ad-0cc47adc5fa2-b159229af349c9d5&u=http://www.phe.gov/nhss>

FULL NHSS DOCUMENT: <https://www.phe.gov/Preparedness/planning/authority/nhss/Documents/NHSS-Strategy-508.pdf>

NACCHO: Capacity-Building Toolkit for Including Aging and Disability Networks in Emergency Planning

This [114-page toolkit](#) developed by HPH GCC member the National Association of County and City Health Officials (NACCHO) was developed to guide aging and disability networks in increasing their ability to plan for and respond to public health emergencies and disasters. It helps programs that serve people with access and functional needs, including older adults and people with disabilities, through the emergency planning process of preparedness, response, recovery, and mitigation activities. It can also help organizations of all types conduct more inclusive emergency planning by facilitating personal preparedness among aging adults and people with disabilities, and expanding

organizational knowledge of the unique challenges facing these populations during emergencies.
([Link](#))

(ASPR TRACIE) New from CMS: Updated Appendix Z

Updates to the [CMS Emergency Preparedness Rule Appendix Z of the State Operations Manual](#) adds emerging infectious diseases to the definition of all-hazards approach; provides new Home Health Agency citations; and lists clarifications under alternate source power and emergency standby systems. Visit the [ASPR TRACIE Emergency Preparedness Requirements for Medicare and Medicaid Participating Providers and Suppliers page](#) for additional CMS EP Rule resources.

How Measles Hacks the Body-and Harms Its Victims for Years

(*Wired*) Among airborne respiratory pathogens, measles is an elite virus-the most contagious disease in the world. If you give this virus a lung, it'll take a town. A cough from an infected person on a subway car would spread the disease to 90 out of 100 unprotected people. The virus stays alive, airborne outside the body of its human host, for up to two hours. For years scientists puzzled over how exactly measles achieves its contagion-in-chief status. But advances in microscopy and genetics have finally begun to illuminate what makes the virus so damn catchy.

Full article: <https://www.wired.com/story/how-measles-hacks-the-body-and-harms-its-victims-for-years/>

REGISTRATION FOR EARTH EX 2019 IS NOW OPEN

This entirely new concept for all-sector national and international cooperation will return on August 21st, 2019. The Emergency All-sectors Response to a Transnational Hazard Exercise (EARTH EX), is sponsored and conducted by the EIS Council. This is a one of kind cross sector exercise delivered using virtual technology to support play across a wide range of essential sectors organized in lanes of activity across various phases. EARTH EX is a one hundred percent voluntary exercise that thousands have played over the last two years.

Last year, nearly 2,000 organizations from 11 nations registered to play EARTH EX 2018 representing nearly 10,000 participants in 32 lanes of play. The Health and Medical community represented a substantial number of the participation.

EARTH EX 2019 will build on the observations of thousands of participants from around the world using real-world scenarios and events from a world dealing with the catastrophic impacts of climate change. In this year's exercise, players and organizations will learn about the impact of regional weather systems that reach historic levels, requiring processes and systems to gain situational awareness and expertise in decision making and resource management.

- Designed to be the largest all-sector international exercise ever
- Specific Medical and Health Care exercise lanes
- Focused on the impact of a naturally occurring threat scenario
- Engaging video driven injects for situational awareness
- 2 Dynamic exercise phases focusing on:
 - Organizational Decision Making
 - Resource Management and the Supply Chain
 - Evolving Situational Awareness
 - Priority Cross-Sector Engagement
- Mutual Aid, EMAC and Federal Assistance

To get additional information about the EIS Council go to eiscouncil.org or *to register* for the EarthEx 2019 exercise go to <https://www.eiscouncil.org/EarthEx.aspx>.



**NWS in Ohio Issues 'Small Dog Warning' Over Wind
Something new?**

Read more: <http://newser.com/s271354>

Emergency prescription refill bill making its way through KY legislature

(WDRB) -- Running out of a prescription can be an inconvenience. In some cases, it's a matter of life and death. House Bill 64 is modeled after similar laws in other states, the bill would allow pharmacists to fill an emergency 30-day supply of certain prescriptions.

Read more: https://www.wdrb.com/news/emergency-prescription-refill-bill-making-its-way-through-kentucky-legislature/article_ada837e4-30c7-11e9-9606-8b0a6e1f465f.html

KY LRC link to HB 64 info: <https://apps.legislature.ky.gov/record/19rs/hb64.html>

Medicare ambulance rides may no longer end up at ER

Read more: <https://apnews.com/b142bc5c8d474889b6e5b81364db226f>

Researchers find clues that depression may speed brain aging

(AP) — Memory and thinking skills naturally slow with age but now scientists are peeking inside living brains to tell if depression might worsen that decline — and finding some worrisome clues.

Depression has long been linked to certain cognitive problems, and depression late in life even may be a risk factor for the development of Alzheimer's. Yet how depression might harm cognition isn't clear.

Full AP story: <https://apnews.com/cb359e6042844cff90ff4a12cb68f273>

National Symposium: Disasters and Health - State of Science

April 25-26, Washington, DC

This symposium will be a dynamic event convening the leading disaster experts from the fields of science, academia, government, finance and technology. The objective of the symposium is to identify the important issues enabling and constraining an evidence-based approach to disaster preparedness and response, with a particular focus on health. The meeting will be held at the headquarters of American Geophysical Union (AGU) in their newly-renovated net-zero energy building. Target Audience: Disaster scientists, disaster health practitioners, academics, Federal agencies, health organizations, non-profits, Civ-Mil groups, NGO's.

Details, Agendas & Registration:

<http://hjf.cvent.com/events/disasters-and-health-state-of-science/event-summary-7476d2bdfd5c4ecf98f4a07f35316e40.aspx>

Isolation and Quarantine for Rural Communities (MGT-433)

Rural Isolation and Quarantine Planning for Public Health & Healthcare (PER-308)

April 3, 2019 (Register by March 20)

KY State Fire Rescue Training Center

2001 Training Center Drive, Princeton, KY 42445

Information & Registration:

<https://kyem.ky.gov/training/Documents/April%2003,%20MGT433%20and%20PER308%20Isolation%20and%20Quarantine,%20Caldwell%20County.pdf>

Questions? Contact Jeremy Blansett at Jeremy.m.blansett.nfg@mail.mil or 270-252-5386.

The KHREF Emergency Preparedness Update is assembled several times a week. When events make it necessary, the Update may be sent out several times a day to keep our hospital and the healthcare community advised on preparedness news and information. Most of this information is compiled from open sources, and where possible reference links will be provided. There is an archive of [Emergency Preparedness Updates available here](#). If you would like to added or deleted, or have something you would like to contribute to a future edition of the Emergency Preparedness Update, please contact rbartlett@kyha.com (include your current email address). The preparedness program for the Kentucky Hospital Association (KHA) and KHREF are supported by US DHHS ASPR HPP funds through a contract with Kentucky Public Health.

Preparing US Hospitals for Ebola

<https://www.cdc.gov/vhf/ebola/pdf/preparing-hospitals-ebola-P.pdf>

Preparing U.S. Hospitals for Ebola



U.S. Department of
Health and Human Services
Centers for Disease
Control and Prevention

CDC has developed a strategy to help healthcare facilities and state health officials prepare for patients with possible or confirmed Ebola. This strategy identifies which hospitals will provide different levels of care for patients being assessed and treated for Ebola.

Frontline Healthcare Facility	Ebola Assessment Hospital	Ebola Treatment Center
 Quickly identifies and isolates patients with possible Ebola	 Safely receives and isolates a patient with possible Ebola	 Safely receives and isolates a patient with confirmed Ebola
 Notifies facility infection control and state and local public health officials	 Provides immediate laboratory evaluation and coordinates Ebola testing	 Cares for patients with Ebola for duration of illness
 Has enough Ebola personal protective equipment (PPE) for at least 12–24 hours of care	 Cares for a patient for up to 96 hours (including evaluation and management of alternative diagnoses) until Ebola diagnosis is confirmed or ruled out	 Has enough Ebola PPE for at least 7 days of care (will restock as needed)
 Has enough Ebola PPE for at least 12–24 hours of care	 Has enough Ebola PPE for up to 96 hours of care	 Has sustainable staffing plan to manage several weeks of care
 Prepares for patient transfer, if needed	 Transfers a patient with confirmed Ebola to an Ebola treatment center in consultation with public health officials	 CDC experts are ready to deploy to provide assistance as needed

All of the hospitals will be prepared to do the following:

- Ensure staff are appropriately trained and have documented competency in safe PPE practices
- Have systems in place to safely manage waste disposal, cleaning and disinfection
- Adhere to infection control protocols

In some cases, a hospital should be prepared to serve in more than one role. Hospitals may serve simultaneously as an Ebola assessment hospital and an Ebola treatment center. Patients may be transferred between facilities based on the state's plan.

*View Interim Guidance at: <http://www.cdc.gov/vhf/ebola/healthcare-us/preparing/hospitals.html>

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