



## Kentucky Hospital Research & Education Foundation Emergency Preparedness Update for August 15, 2018

### **Time Has Come for the Cybersecurity and Infrastructure Security Agency**

(*Homeland Security*) While speaking at the DHS National Cybersecurity Summit in New York City on July 31st, Vice President Pence calls on the US Senate to take action before the end of the year to enact legislation creating the Cybersecurity and Infrastructure Security Agency. [Go to video](#)

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### **DRC Ebola cases surpass earlier outbreak total, virus infects 4 more health workers**

(CIDRAP) Underscoring concerns that health worker Ebola infections could amplify the current outbreak in the Democratic Republic of Congo (DRC), the country's health ministry today reported five more confirmed cases, including four involving health workers at a health center in Mangina. The other is a patient recently treated at that facility. The batch of new cases puts the outbreak total at 57.

Full story: <http://www.cidrap.umn.edu/news-perspective/2018/08/drc-ebola-cases-surpass-earlier-outbreak-total-virus-infects-4-more-health>

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### **John Hopkins: Health Security Headlines Extracts from [August 15, 2018](#)**

#### **[Tick- and Mosquito-Borne Diseases Are Increasing Dramatically](#)**

(*Scientific American*) People celebrate the arrival of summer every year, but it comes with a downside: an annual population explosion of disease-carrying ticks and mosquitoes. Recent findings from the CDC reveal a staggering threefold increase in reported cases of what we broadly term "vector-borne diseases" --or illnesses transmitted to humans by mosquitoes, lice, ticks and the like--between 2004 and 2016 in the US. Making matters worse, 9 new pathogens emerged for the first time in the US during this same period. [Go to article](#)

#### **[Florida Red Tide: Gov. Scott Issues an Emergency Order](#)**

(*Outbreak News Today*) Governor Scott said, "As Southwest Florida and the Tampa Bay area continues to feel the devastating impacts of red tide, we will continue taking an aggressive approach by using all available resources to help our local communities. Today, I am issuing an emergency declaration to provide significant funding and resources to the communities experiencing red tide so we can combat its terrible impacts." [Go to article](#)

#### **[CDC Issues New Guidance for Couples Trying to Conceive Following Exposure to Zika](#)**

(*Contagion Live*) The new recommendations, published in the latest issue of the CDC's *Morbidity and Mortality Weekly Report*, suggest that men who have or have possibly been exposed to Zika wait at least 3 months after symptom onset or last possible Zika virus exposure before engaging in unprotected sex. Furthermore, the guidance suggests that couples who are not trying to conceive use condoms or abstain from sex for 3 months after last Zika exposure or symptom onset to minimize the risk of sexually transmitting the virus. [Go to article](#)

#### **[Acute Viral Encephalitis](#)**

(*NEJM*) Encephalitis is a syndrome characterized by altered mental status and various combinations of acute fever, seizures, neurologic deficits, cerebrospinal fluid pleocytosis, and neuroimaging and electroencephalographic abnormalities. The syndrome has many causes; the most commonly identified causes are neurotropic viruses. The general principles of diagnosis and treatment of viral encephalitis are presented in this review. [Go to article](#)

#### **[Hacking the Electric Grid is Damned Hard](#)**

(*FiveThirtyEight*) The nightmare is easy enough to imagine. Nefarious baddies sit in a dark room, illuminated by the green glow of a computer screen. Meanwhile, technicians watch in horror from somewhere in the Midwest as they lose control of their electrical systems. And, suddenly, hundreds of thousands, even millions of Americans are plunged into darkness. [Go to article](#)

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### [Young nurses seek advanced degrees, leaving gaps in direct patient care](#)

(Modern Healthcare) More young nurses are opting to get advanced degrees, which could help fill gaps in primary care. But it could also take them away from patients' bedsides, according to a new survey. [READ MORE](#)

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### **One US City Will Now Scan Its Subway Commuters**

*Devices will 'quickly and unobtrusively screen individuals for concealed threats'*

(NEWSER) – All humans emit body waves, but if they're concealing an object under their clothes that object will block the waves - exactly what the Transportation Security Administration is banking on with the installation of the country's first body scanners in a transit agency. The Thruvision scanners, which the New York Times describes as wheeled devices looking like "the sort of black laminate cases that musicians lug around on tour," can pick up both metallic and nonmetallic objects from up to 30 feet away. The \$100,000 devices are able to scan more than 2,000 people an hour.

Full story: <http://www.newser.com/story/263355/la-to-be-first-us-city-with-subway-body-scanners.html>

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### **A Team-Based Approach to Improving Opioid Management in Primary Care**

(AHRQ) Most patients taking opioids for chronic pain are managed by primary care providers and their staff. Many practices are looking for help in managing their patients using chronic opioid therapy. To meet this need, AHRQ funded the [Six Building Blocks project](#). The website is for people interested in improving the care of patients using chronic opioid therapy, such as:

- Clinicians and staff,
- Quality improvement personnel,
- Practice coaches, and
- Clinic administrators.

The project provides a structured systems-based approach for improving management of patients on chronic opioid therapy, called the [Six Building Blocks](#) 

- Demonstrate leadership support and develop consensus.
- Revise and implement policies, patient agreements, and workflows.
- Proactively track and monitor patient care.
- Implement planned, patient-centered visits.
- Develop resources to care for complex patients.
- Measure implementation success.

Story: <https://www.ahrq.gov/professionals/prevention-chronic-care/improve/six-building-blocks.html>

Six Building Blocks site: <https://www.improvingopioidcare.org/>

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### **New CPPS Training Video: *Beyond Lockdown***

The Center for Personal Protection and Safety, whom we have used in the past for educational programs on healthcare workplace violence and active shooters, has developed a brand-new video program in response to recent school shooting events that have occurred, some as recent as this year here in Kentucky . The program they are releasing is called, "***Beyond Lockdown, Preventing and Responding to Extreme School Violence.***" This is a training program for age appropriate children, teachers, faculty, and staff that will show them how to **prevent** school violence and how to **effectively** respond if violence does erupt. Furthermore, due to the unfortunate prevalence, they also discuss suicide to help spread awareness that it can also be prevented.

Watch "Beyond Lockdown": <https://vimeo.com/282517317/1278211e6d>

CPPS Site: <https://cpps.com/>

- ***NPR***: [Nearly A Year After Maria, Puerto Rico Officials Claim Power Is Totally Restored](#).
- ***HuffPost***: [Puerto Ricans Seek To Rebuild A Shattered Health Care System After Hurricane Maria](#).
- ***New York Times***: [Lyme Disease Is Spreading Fast. Why Isn't There a Vaccine?](#)

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### **National Engagement Period: National Qualification System (NQS) Supporting Tools**

FEMA's National Integration Center is seeking public feedback on several National Qualification System (NQS) documents that enhance interoperability and the effectiveness of mutual aid. This National Engagement Period will conclude at 5:00 p.m. EDT on September 5, 2018. The National Engagement Period provides an opportunity for interested parties to comment on newly developed supporting tools. Today's release includes:

- **NQS Job Titles/Position Qualifications for the Recovery mission area, Mitigation, Environmental and Historic Preservation (EHP), and Incident/Exercise Evaluator** that define minimum qualifications criteria for personnel serving in these positions, and
- **NQS Position Task Books (PTB) for the Recovery mission area, Mitigation, EHP, and Incident/Exercise Evaluator** that identify the competencies, behaviors, and tasks that personnel should demonstrate to become qualified for a these positions.

To support partner and stakeholder adoption, FEMA is hosting a series of 60-minute webinars to discuss the NQS supporting tools and answer questions. All webinars are open to the whole community, including individuals and communities, the private and nonprofit sectors, faith-based organizations, and all governments. The schedule is below. All times are Eastern Daylight Time (EDT).

Webinar 1: Tuesday August 21, 11:00am-12:00pm:

<https://fema.connectsolutions.com/ngssuptools1/event/registration.html>

Webinar 2: Thursday August 23, 5:00-6:00pm:

<https://fema.connectsolutions.com/ngssuptools2/event/registration.html>

Webinar 3: Tuesday August 28, 5:00-6:00pm:

<https://fema.connectsolutions.com/ngssuptools3/event/registration.html>

Webinar 4: Thursday August 30, 2:00-3:00pm:

<https://fema.connectsolutions.com/ngssuptools4/event/registration.html>

Webinar 5: Tuesday September 4, 10:00-11:00am:

<https://fema.connectsolutions.com/ngssuptools5/event/registration.html>

Webinar 6: Tuesday September 4, 5:00-6:00pm:

<https://fema.connectsolutions.com/ngssuptools6/event/registration.html>

Webinar participants will have an opportunity to provide feedback to NIMS representatives during the webinars. After a short presentation, the NIC representatives will answer any technical questions participants may have.

To review the documents and for additional webinar information, visit <https://www.fema.gov/national-incident-management-system/national-engagement>.

**To provide comments on the draft, complete the feedback form on the webpage listed above and submit the form to [FEMA-NIMS@fema.dhs.gov](mailto:FEMA-NIMS@fema.dhs.gov).**

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 add or delete, or have something you would like to contribute to a future edition of the Emergency Preparedness Update, please contact [rbartlett@kyha.com](mailto: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.