



## Kentucky Hospital Research & Education Foundation Emergency Preparedness Update for April 29, 2019

### Feds arrest suspect in alleged terrorism plot aimed at 'multiple targets' in Southern California

(FOX 11) - Federal and local authorities have arrested a suspect in connection with an alleged domestic terror plot aimed at "multiple targets" in Southern California, officials announced Monday. Mark Steven Domingo, 26, of Reseda, a former U.S. Army infantryman who served in Afghanistan, was arrested Friday after he received what he thought was a bomb, but was actually an inert device supplied to him by an undercover law enforcement officer, federal officials said. In a criminal complaint filed Saturday by federal prosecutors and unsealed earlier today, Domingo was charged with providing and attempting to provide material support to terrorists.

Domingo "planned and took steps to manufacture and use a weapon of mass destruction in order to commit mass murder." He allegedly expressed support for ISIS.

Full story: <http://www.fox5ny.com/facebook-instant/feds-arrest-suspect-in-alleged-terrorism-plot-aimed-at-multiple-targets-in-southern-california>

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### Wounded 8-year-old describes selfless act of woman slain in synagogue

(CBS) Moments before [Saturday's attack at the Chabad of Poway](#), in Poway, Calif., the synagogue was filled with people of all ages, including many children. When gunfire broke out, one man sprung into action, going back and forth whisking kids to safety. But he couldn't get to his niece in time.

Eight-year-old Noya Dahan told correspondent Jonathan Vigliotti she hid by herself watching the nightmare unfold.

Noya also witnessed the final and selfless act by fellow congregant Lori Gilbert-Kaye, who was at the synagogue on Saturday to say a prayer for her mother, who had recently died. Gilbert-Kaye stepped between the shooter and Rabbi Goldstein.

Noya said, "The last thing she could've done is save the rabbi and that's what she did. She went in front of the rabbi and instead of the rabbi, she died."

Watch and learn more: <https://www.cbsnews.com/news/synagogue-shooting-poway-noya-dahan-8-year-old-victim-recalls-horror/>

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### CHI Franciscan hospital fined after patient attacks nurses

(Becker) State officials on April 11 cited CHI Franciscan Health's St. Joseph Medical Center in Tacoma, Wash., over workplace safety issues, reports [KIRO 7](#).

The Washington State Department of Labor & Industries' division of occupational safety and health fined the hospital \$14,400 over a series of patient attacks on nurses in the hospital's psychiatric unit, according to case records cited by [KIRO 7](#).

The state found five violations by St. Joseph Medical Center involving the hospital's safety committee and its investigation into the incidents.

Read more: <https://www.beckershospitalreview.com/quality/chi-franciscan-hospital-fined-after-patient-attacks-nurses.html>

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### Rural EMS operations during an active-shooter incident

*What can you do if you don't expect sufficient  
law enforcement escort into the 'warm zone' to arrive in time?*

Learn more: <https://www.ems1.com/active-shooter/articles/1647895-Rural-EMS-operations-during-an-active-shooter-incident/>

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### Pothole jolts man's heart rate back to normal on way to Omaha hospital

Most drivers get a sinking feeling when their cars clunk into crater-like potholes. But one pothole did a passenger a favor when the ambulance he was in struck it, according to first responders. The patient

also had an abnormally high heart rate. While en route to Lakeside Hospital, the ambulance hit a pothole. The jolt returned the patient's heart rate to normal.

Full story: [https://www.omaha.com/livewellnebraska/health/pothole-jolts-man-s-heart-rate-back-to-normal-on/article\\_ce167afa-72d7-5ccc-8fa2-f9578c43913e.html](https://www.omaha.com/livewellnebraska/health/pothole-jolts-man-s-heart-rate-back-to-normal-on/article_ce167afa-72d7-5ccc-8fa2-f9578c43913e.html)

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**Summer Bummer:**

**A Young Camper's \$142,938 Snakebite**

*St. Vincent's Evansville; Riley Hospital; Air Evac involved in huge total*

(NPR Health News) Camper bitten on the toe by a venomous snake while at camp in a remote section of Shawnee National Forest leads to a \$142,938 bill for two hospital encounters, ground and air ambulance rides, and medical care which included \$67,957 for four vials of antivenin. NPR details the events, including a six minute podcast.

Learn and hear more: <https://www.npr.org/717467217>

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**Kentucky Derby Crowds Raise Fear of Measles Outbreak**

(WFPL) With measles cases popping up around the U.S., public health officials and nurses are worried about the highly contagious virus spreading at the big race.

So they set up a vaccination clinic downtown, in a boxy, gray building off a busy street. Nurses stood at the ready to usher patients into individual rooms.

Ruth Carrico, associate professor of infectious diseases at the University of Louisville, came up with the idea for the vaccination clinic.

"Because of Derby, we know that we are going to have a lot of individuals that will be visiting us from all across the United States," Carrico said. "If you've been to Derby, you know there is no personal space, everybody is very close together."

The Derby can be a chaotic scene – 157,000 people attended in 2018 – with people packed into stands, and the infield. While much of the space is uncovered, there are indoor areas for betting and buying food.

Carrico said there hasn't been an infectious disease outbreak following the Derby, but measles is a cause for concern.

Learn more: <https://wfpl.org/kentucky-derby-crowds-raise-fear-of-measles-outbreak/>

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**Measles Shots Aren't Just For Kids: Many Adults Could Use a Booster Too**

Learn more: <https://www.npr.org/716894110>

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**Drone delivers kidney for organ transplant in breakthrough flight**

(WJZ/CNN) - A new application of drone technology could end up saving countless lives. The University of Maryland School of Medicine teamed up with the engineering school to successfully deliver a kidney to surgeons using a drone.

From West Baltimore, a drone carrying a human organ launched. It landed 2.8 miles away at the University of Maryland Medical Center. The kidney was then successfully transplanted into a patient, saving her life. This first voyage of its kind has the potential to revolutionize the organ transplant process.

Read more: <https://www.wsaz.com/content/news/GRAPHIC-Drone-delivers-kidney-for-organ-transplant-in-breakthrough-flight-509212201.html>

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**HHS reduces maximum penalties for HIPAA violations**

(AHA Today) The Department of Health and Human Services Friday issued a [notice](#) reducing the maximum civil monetary penalty for all but the most serious violations of the Health Insurance Portability and Accountability Act. A 2013 rule applied a maximum penalty of \$1.5 million for all four penalty tiers under the HITECH Act of 2009. Based on further review of the statute by the HHS Office of the General Counsel, the notice reduces the maximum penalty for three of the four tiers, the exception being violations due to willful neglect that are not corrected in a timely manner.

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## Report highlights health system interventions to prevent firearm injury

(AHA Today) The National Academies of Sciences, Engineering, and Medicine today released its [proceedings](#) from a workshop sponsored by Kaiser Permanente and the AHA last October on health system interventions to prevent firearm injury and death. According to an [associated commentary](#) published by the National Academy of Medicine and co-authored by AHA Chief Medical Officer Jay Bhatt, D.O., workshop participants highlighted three overarching themes for hospitals and health systems to help prevent firearm injury: know the epidemiology and burden of firearm injury in the communities the health care organization serves; invest in research that identifies those at a higher risk of firearm injury and then develop interventions to reach those individuals and communities; and collaborate with other organizations to develop and share best practices and evidence-based prevention programs.

For more on the workshop, visit <https://www.nap.edu/resource/25354/interactive>.

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## Half of Older Dialysis Patients Die Within a Year

(HealthDay News) -- The death rate for older Americans receiving [dialysis](#) for [kidney failure](#) may be nearly twice as high as widely thought, according to a new report.

Read more: <https://www.medicinenet.com/script/main/art.asp?articlekey=220552>

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## Health Tip: Tick Removal

(HealthDay News) -- If you find a tick on your body, or that of a child or pet, remove the tick as soon as possible with a set of fine-tipped tweezers, says the U.S. Centers for Disease Control and Prevention. Learn more: <https://news360.com/article/494877283>

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## This Week, NASA Is Pretending An Asteroid Is On Its Way To Smack The Earth

(NPR) The asteroid is in a horrible orbit and has a 1% chance of striking Earth in just eight years. And — thank goodness — it doesn't really exist.

It's a fictitious asteroid that's the focus of a realistic exercise devised for scientists and engineers from around the world who are attending the [2019 Planetary Defense Conference](#) being held this week outside Washington, D.C.

A real asteroid of this size, should it ever hit the planet, could wipe out an entire city.

Asteroid experts will have to make decisions about how to try to deflect the asteroid, whether by pushing it with spacecraft or maybe even by detonating a nuclear weapon. If those efforts failed and the asteroid were still headed toward Earth, emergency managers would have to contemplate a mass evacuation of the strike zone.

Listen and learn more: <https://www.npr.org/718296681>

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## Northern California Wildfires and Lessons Learned: Medical Health Response and Shelters

(ASPR) There is a [two-hour, 40-minute recording](#) available from a meeting and panel discussion about lessons learned coming from the northern California wildfires of 2017, the medical health response, and the need for shelters. Panelists discuss their experiences in responding to the fires, which affected five counties, and the community and personal impact of the fires. The 6,000 structures destroyed included homes, businesses, and hospitals. ([Link](#))

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## FEMA chief: Americans need to prepare more as storms get stronger

Americans must assume more responsibility for protecting themselves from the rising toll of natural disasters, the head of the Federal Emergency Management Agency warned.

“Most people think, ‘I see it on TV, it’ll never happen to me — I’m not going to make the time or investment,’” Pete Gaynor, the acting FEMA administrator, said in an interview at his office at FEMA’s Washington headquarters. “We haven’t solved the problem in a significant way.”

With just five weeks to go until the start of hurricane season, FEMA has made changes to better handle increasingly severe storms, Gaynor said. That includes keeping more supplies in places such as Puerto Rico, Hawaii and Alaska, which can be harder to reach in emergencies. Congress has also given the agency the ability to spend more money preparing communities for disasters, which is cheaper than rebuilding afterward.

The escalating threat from unstable weather means that more people should carry flood insurance, Gaynor said. After Hurricane Harvey struck Houston in August 2017, the average payout in emergency disaster assistance was about \$4,000, he said. But for people with flood insurance, the average was \$130,000.

“Our programs don’t make you whole, and that’s probably one thing that we need to say more often,” Gaynor said. “We would like to be more direct with survivors about what their responsibility is.”

State and local officials also need to do more, Gaynor said, starting with imposing tougher building codes. “I know that’s hard to do, when your family’s owned property for 50 years, to insist on some modification to that property, because it costs money,” Gaynor added. “But it’s in everybody’s best interests. The cost of disasters is not lessening.”

Full story: <https://www.theday.com/article/20190428/NWS13/190429459>

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Johns Hopkins: Health Security Headlines  
Extracts from [April 29, 2019](#)

**[Is China Losing the Battle Against an Incurable Pig Virus?](#)** (*BBC*) The latest threat comes from African swine fever, a highly contagious virus with no known cure, and a near zero survival rate for infected pigs. The good news is that the disease is not harmful to human health. The bad news is that it will probably hurt our wallets. The epicentre of the current crisis is China, the world's biggest producer and consumer of pork. It alone accounts for more than half of the world's pig population. [Go to article](#)

**[Beyond the Biocontainment Unit: Improving Pathogen Preparedness for Health Workers](#)** (*Contagion Live*) Prior to the 2014-2016 Ebola outbreak, only a handful of hospitals in the US had specialized units to care for patients with highly infectious emerging diseases. The outbreak, though, brought forth the advent of the special pathogens units and regional treatment networks through the tiered hospital approach that the US Department of Health and Human Services helped create and fund through the Assistant Secretary for Preparedness and Response. [Go to article](#)

**[Vaccine Adjuvants: Understanding the Structure and Mechanism of Adjuvanticity](#)** (*Vaccine*) In conjugate, inactivated, recombinant, and toxoid vaccines, adjuvants are extensively and essentially used for enhanced and long-lasting protective immune responses. Depending on the type of diseases and immune responses required, adjuvants with different design strategies are developed. [Go to article](#)

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**Ebola spreading at record pace in DRC, now 1,466 cases**

(CIDRAP) Today the ministry of health in the Democratic Republic of the Congo (DRC) recorded 27 new cases of Ebola, setting a new single-day record for this 9-month outbreak on the far eastern edge of the country. Late last week, officials recorded 23 cases in one day, the previous high.

In addition to the 27 cases recorded today, the ministry also recorded 26 deaths—also the highest daily total to date—15 of which took place in the community. Community deaths are linked to further virus transmission, as they can signal improper burial practices and contact with a patient's bodily fluids.

The cases and fatalities raise outbreak totals to 1,466 cases (1,400 confirmed and 66 probable) and 957 deaths. A total of 239 suspected cases are still under investigation.

Full story: <http://www.cidrap.umn.edu/news-perspective/2019/04/ebola-spreading-record-pace-drc-now-1466-cases>



## Mom shocked to find daughters weren't lying about 'creature' in the closet

(Fox5) A woman said an opossum was living in her children's bedroom for three days before she realized there really was a "creature" stirring in the closet, and not just an imaginary friend or stuffed animal.

See more: <http://www.fox5ny.com/news/mom-shocked-to-find-daughters-werent-lying-about-creature-in-the-closet>

## How to Protect Your Privacy in Windows 10

There has been some concern that Windows 10 gathers too much private information from users. Whether you think Microsoft's operating system crosses the privacy line or just want to make sure you protect as much of your personal life as possible, we're here to help. Learn how to protect your privacy in just a few minutes.

Read more: <https://www.businesswatchnetwork.com/articles/5301-how-to-protect-your-privacy-in-windows-10>

## Funding Available for Checkpoints - Teen Driver Safety Program

Funding is currently available to assist **NEW** communities to implement Checkpoints in the 2019/2020 school year for high schools. The Checkpoints Program provides parents brief instruction and structure to help them use effective parenting techniques to establish driving rules, consequences for non-compliance, and jointly reach a parent-teen agreement with their teens.

**Eligible counties** to apply for funding are: Allen; Anderson; Barren; Bell; Boone; Bourbon; Bracken; Bullitt; Campbell; Carroll; Christian; Clark; Calloway; Edmonson; Fayette; Floyd; Franklin; Grant; Grayson; Green ; Greenup; Harrison; Hart; Henderson; Henry; Hopkins; Jackson; Jefferson; Johnson; Kenton; Laurel; Logan; Marshall; McCracken; Mclean; Mercer; Metcalfe; Monroe; Montgomery; Muhlenberg; Nicholas; Ohio; Pendleton; Perry; Powell; Pulaski; Robertson; Rowan; Scott; Shelby; Simpson; Spencer; Taylor; Trigg; Union; Warren; Wayne; and Whitley Counties.

Click [HERE](#) to download the funding application for the counties listed above. Funding is available at \$1,000 per high school within the listed counties; up to ten new high schools in at least 6 counties for the 2019/2020 school year. Recipients will receive free Checkpoints Program support, free training of your community educators, and free Checkpoint materials.

The Checkpoints Program provides parents brief instruction and structure to help them use effective parenting techniques to establish driving rules, consequences for non-compliance, and jointly reach a parent-teen agreement with their teens.

If you would like to learn more about Checkpoints or have any questions please contact Steve Sparrow at [steve.sparrow@uky.edu](mailto:steve.sparrow@uky.edu) or call 859-257-9484

10 Leading Causes of Death among Kentucky Residents by Age Group, 2014-2017

Please click [HERE](#) to download or go to <https://kspan.egnyte.com/dl/9RHCS1ABK1>

Leading Causes of Injury Related Deaths of Kentucky Residents by Age Group and Intent, 2017

Please click [HERE](#) to download or go to <https://kspan.egnyte.com/dl/fxLMbqgLG6C>

Leading Causes of Injury Related Hospitalization of Kentucky Residents by Age Group and Intent, 2017

Please click [HERE](#) to download or go to <https://kspan.egnyte.com/dl/Bbp4Bi8gxn>

Leading Causes of Injury Related Emergency Department Visits of Kentucky Residents by Age Group and Intent, 2017

Please click [HERE](#) or go to <https://kspan.egnyte.com/dl/ujTaDC2pRH>

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.