



Kentucky Hospital Research & Education Foundation Emergency Preparedness Update for April 27-28, 2019

Calif. Synagogue shooting kills 1, wounds 3, during Passover celebration *19 year old shooter calls 9-1-1 on himself*

(AP) - 7:45 PM ET — A 19-year-old gunman opened fire inside a synagogue near San Diego as worshippers celebrated the last day of a major Jewish holiday, killing a woman and wounding three others Saturday, authorities said. The gunman used an AR-type assault weapon to shoot worshippers at Chabad of Poway, San Diego County Sheriff William Gore told reporters. A girl and two men were wounded as the Jewish congregation gathered for Passover. The three were in stable condition, said authorities.

Read full AP story: <https://apnews.com/36c8a77e02e4448ca1ef78e0b90ac2c1>

Woman files lawsuit amid E. coli outbreak linked to ground beef *Suit says she suffered kidney failure, seizures*

(FOX) A woman in Kentucky, Melissa Carmicle, is seeking damages in excess of \$75,000 from K2D Foods, alleging that her kidneys began to fail, and that she began having seizures, as a result of E. coli infection. K2D Foods, which operates as Colorado Premium Foods of Carrington, Ga., is one of two suppliers being investigated as sources for an E. coli outbreak affecting more than 150 people [across 10 states](#) [including Kentucky]. Products from both meat production facilities have recently been recalled.

The current outbreak linked to tainted ground beef has spread to 10 states, with 156 people testing positive for infection, according to the [latest investigation notice from the Centers for Disease Control and Prevention](#) (CDC). Of the 156 people with reported cases, 20 had been hospitalized. There have been no deaths linked to this E. coli outbreak.

Full story: <https://www.foxnews.com/health/woman-lawsuit-e-coli-kidney-failure-seizures>

Link to USA Today story: <https://www.usatoday.com/story/money/business/2019/04/25/another-ground-beef-recall-and-lawsuit-filed-e-coli-outbreak/3571628002/>

This Food Causes More Sickness Than Any Other, According to the CDC

Hint: It's not romaine lettuce.

Curious? <https://www.cookinglight.com/news/chicken-food-safety-salmonella-ecoli>

Over 1,000 quarantined in measles scare at LA universities

(AP) — More than 1,000 students and staff members at two Los Angeles universities were quarantined on campus or sent home this week in one of the most sweeping efforts yet by public health authorities to contain the spread of measles in the U.S., where cases have reached a [25-year high](#).

By Friday afternoon, two days after Los Angeles County ordered the precautions, about 325 of those affected had been cleared to return after proving their immunity to the disease, through either medical records or tests, health officials said.

The action at the University of California, Los Angeles, and California State University, Los Angeles — which together have more than 65,000 students — reflected the seriousness with which public health officials are taking the nation's outbreak.

Full AP report: <https://apnews.com/b825c8b75ad84a02b4f1d39b77c26123>

Fatal Drug ODs Surging Among Young Americans

(HealthDay News) -- The cost of America's opioid epidemic just keeps rising, with new research showing that overdose deaths among [teens](#) and young adults are soaring.

The death rate from drug overdoses rose from eight in every 100,000 people aged 15 to 24 in 2006 to nearly 10 per 100,000 in 2015, researchers found. Among those aged 15 to 24, death rates from

prescription painkillers and opioids including [heroin](#) increased nearly 5% on average each year from 2006 to 2015, but jumped by more than 15% each year from 2013 to 2015. When young people switch to heroin, which is often laced with other dangerously powerful drugs such as the synthetic opioid [fentanyl](#), the odds of an unintentional overdose rise sharply.

Full story: <https://www.medicinenet.com/script/main/art.asp?articlekey=220543>

Parents bring newborns to ER for many non-urgent reasons

(Reuters Health) One of the hardest things about being a new parent is figuring out when babies are so sick they need to go to the emergency room and when worrisome signs or symptoms might actually be perfectly normal, doctors say.

Anxious parents bring babies to the ER for all kinds of things that could go either way like goopy eyes, concerns about how the stump from the cut umbilical cord looks, vomiting, strange looking stool, irregular breathing, and jerky or unusual body movements, doctors write in the American Journal of Emergency Medicine. Even for emergency department physicians, it can be challenging to distinguish normal infant signs, symptoms, and behaviors from potentially life-threatening conditions.

Learn more: <https://www.reuters.com/article/us-health-newborns/parents-bring-newborns-to-er-for-many-non-urgent-reasons-idUSKCN1S22EP>

**Research finds some bacteria travel
an alternate path to antibiotic resistance**

(Phys.org) In a study with implications for efforts to halt the spread of antibiotic-resistant bacteria, researchers at Princeton have identified a new, troubling path that some bacteria take toward resistance.

The discovery focused on bacteria called persisters, which are different from [antibiotic-resistant bacteria](#). Resistant bacteria possess [genetic mutations](#) that directly protect them against antibiotics. Persisters, on the other hand, while not genetically endowed with a better chance of survival than resistant mutants, can nevertheless tough it out because of certain genes they switch on or off before, during or after [antibiotic treatment](#).

The new study found that the line between the two types of bacteria is not as clear as scientists previously thought. In fact, the researchers found that some persisters were more likely than standard bacteria to produce offspring with the direct, genetic-mutation resistance to antibiotics. More disturbingly, the researchers found, the persisters' offspring went on to exhibit resistance not only to the drug their forbearers had survived but also to completely different classes of antibiotics.

Learn more: <https://phys.org/news/2019-04-bacteria-alternate-path-antibiotic-resistance.html>

**Tornado highlights importance of
emergency preparedness, community partnerships**

(AHA Today) East Alabama Medical Center in Opelika treated patients in early March for a tornado that claimed 23 lives and underscored the importance of natural disaster preparation and forging strong, year-round community partnerships. [Read more.](#)

Preparedness goes to a different level
U.S. Navy drafting new guidelines for reporting UFOs

(Politico) The U.S. Navy is drafting new guidelines for pilots and other personnel to report encounters with "unidentified aircraft," a significant new step in creating a formal process to collect and analyze the unexplained sightings — and destigmatize them.

The previously unreported move is in response to a series of sightings of unknown, highly advanced aircraft intruding on Navy strike groups and other sensitive military formations and facilities, the service says.

To be clear, the Navy isn't endorsing the idea that its sailors have encountered alien spacecraft. But it is acknowledging there have been enough strange aerial sightings by credible and highly trained

military personnel that they need to be recorded in the official record and studied — rather than dismissed as some kooky phenomena from the realm of science-fiction.

Read more: <https://www.politico.com/story/2019/04/23/us-navy-guidelines-reporting-ufos-1375290>

Toyota abandons plan to install U.S accident avoidance tech by 2021

(Reuters) Toyota Motor Corp said on Friday it was halting plans to install Dedicated Short-Range Communications technology on U.S. vehicles aimed at letting cars and trucks communicate with one another to avoid collisions.

Automakers have been divided over whether to proceed with the DSRC system or use a 4G- or 5G-based system in the United States. Toyota's announcement is a major blow to advocates of DSRC. DSRC transmissions enable vehicle-to-vehicle and vehicle-to-infrastructure communications and broadcast precise vehicle information up to 10 times per second, including location, speed and acceleration. NHTSA has estimated that connected vehicles technologies could eliminate or reduce the severity of up to 80 percent of crashes not involving impaired drivers.

General Motors Co backs DSRC and has installed the technology on a small number of Cadillac CTS sedans it has sold since 2017. The NHTSA was "exploring other technologies" including cellular-based services being pursued by Ford.

Full story: <https://www.reuters.com/article/us-autos-toyota-communication/toyota-abandons-plan-to-install-u-s-connected-vehicle-tech-by-2021-idUSKCN1S2252>

----- **Software Quickies** -----

Windows 10 May 2019 Update Increases Storage Requirement to 32GB

<https://news360.com/article/494845597>

Microsoft Confirms Change To Windows 10 Passwords That Nobody Saw Coming

<https://news360.com/article/494883747>

A Closer Look at the *RobbinHood* Ransomware

The *RobbinHood* Ransomware is the latest player in the ransomware scene that is targeting companies and the computers on their network. This ransomware is not being distributed through spam but rather through other methods, which could include hacked remote desktop services or other Trojans that provide access to the attackers.

Learn more: <https://www.bleepingcomputer.com/news/security/a-closer-look-at-the-robbinhood-ransomware/>

National QI Program

The Quality Improvement Organization (QIO) Program will hold its next National Learning and Action Network (LAN) Event on **Wednesday, May 8, 2019 from 3:00 to 4:30 p.m. ET.**

The National LAN Event focusing on antibiotic stewardship, a set of coordinated strategies that promotes the appropriate use of antibiotics to improve patient outcomes and reduce resistance to antibiotics. In clinical settings, stewardship activities focus on measuring and improving how antibiotics are prescribed by clinicians and used by patients.

The May National LAN Event is open to all Quality Innovation Network-QIOs, providers, partners, and beneficiaries.

[Click here for more information and to register for the event.](#)

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.