



Kentucky Hospital Research & Education Foundation Emergency Preparedness Update for February 23, 2019

Strong Weather and Flooding

Strong to severe thunderstorms are possible this evening as a strong cold front moves through the area. The strongest cells will be capable of producing damaging wind gusts and an isolated tornado, mainly across south central Kentucky. Briefly torrential rainfall could result in additional flooding. Sunday through Friday, strong and gusty west winds are expected late tonight through Sunday behind the cold front. Gusts to around 45 mph are likely, mainly across southern Indiana and north central Kentucky. NWS Louisville: <https://www.weather.gov/lmk/>

In western Kentucky, A Wind Advisory will remain in effect until Noon on Sunday, along and north of a Perryville Missouri to Calhoun Kentucky line. NWS Paducah: <https://www.weather.gov/pah/>

Jackson NWS office advises that strong thunderstorms are also possible tonight, mainly west of Interstate 75, with strong wind gusts being the main threat. The soft, wet ground will make it easier for trees to be blown down with any high winds. Sunday through Friday, winds will remain strong through the day Sunday. Wind gusts up to 40 mph will be possible. Because of the soft, wet ground, this will continue to lead to concerns about trees being blown down. <https://www.weather.gov/jkl/>

FLASH FLOOD WARNINGS for Central KY

Check here: <https://alerts.weather.gov/cap/ky.php?x=1>

E-Scooter Bill Motoring Along In the Kentucky General Assembly

(NPR) Legislation which could pave the way for more electric scooters motoring along Kentucky pavement is on its way to the state Senate. The bill is being promoted by the e-scooter sharing industry. The bill, approved Friday in the House, puts a motor scooter definition into state statute. The electric scooter measure is aimed at opening up the business to other parts of the state. The bill passed the House Friday and heads now to the Senate.

Hear and read more: <http://www.weku.fm/post/e-scooter-bill-motoring-along-kentucky-general-assembly>
KY LRC link to HB 258: <https://apps.legislature.ky.gov/record/19rs/hb258.html>

New Safety Technology to Prevent Pedestrian Deaths

(CBS) Car makers hope new technology can help save lives. According to the Insurance Institute for Highway Safety, deadly pedestrian accidents are up 45 percent nationwide since 2009. The Department of Transportation finds the nearly 6,000 killed in 2017 made up 19 percent of all traffic fatalities. Now [IIHS](#) is testing technology it believes could prevent up to 65 percent of pedestrian collisions, cutting deaths by 58 percent.

Learn more: <https://www.cbsnews.com/news/insurance-institute-for-highway-safety-report-new-technology-being-tested-that-aims-to-prevent-65-percent-of-pedestrian-collisions/>

Use caution near working emergency vehicles

(WDRB) — In the last week, two local police officers were hurt in their vehicles while responding to calls. Moving over is not just a suggestion, it's the law. If you see an emergency vehicle pulled over on the side of the road, you have to pull over or at least slow down.

Read and watch more: https://www.wdrb.com/news/police-remind-drivers-to-use-caution-near-working-emergency-vehicles/article_1b867080-3589-11e9-aeaa-1f3eb57ca076.html

Coast Guard Terrorist Arrest

(CBS) A Coast Guard officer suspected of [drawing up a hit list of top Democrats and TV journalists](#) spent hours on his work computer researching the words and deeds of infamous bombers and mass shooters while also stockpiling weapons, federal prosecutors said Thursday. Lt. Christopher Paul Hasson, 49, was ordered held without bail on drug and gun charges while prosecutors gather evidence to support more serious charges involving what they portrayed as a domestic terror plot by a

man who espoused white-supremacist views. Federal agents found 15 guns, including several rifles, and over 1,000 rounds of ammunition inside his basement apartment in Silver Spring, Maryland.

Read more: <https://www.cbsnews.com/news/christopher-paul-hasson-coast-guard-officer-prosecutors-call-domestic-terrorist-to-remain-jailed/>

Related - USA Today: ***Coast Guard officer, self-described white nationalist, planned terror attack to 'kill almost every last person'***

Story: <https://www.usatoday.com/story/news/nation/2019/02/20/coast-guard-officer-white-nationalist-terror-attack/2933311002/>

Venezuela crisis could spark surge in infectious diseases: study

(Reuters) A humanitarian crisis in Venezuela is accelerating the re-emergence of malaria, Chagas disease, dengue, Zika and other dangerous infectious diseases and threatens to jeopardize 20 years of public health gains, experts warned on Thursday.

In a review published in The Lancet Infectious Diseases journal, researchers said the worsening epidemics could spread beyond Venezuela's borders, potentially causing a regional public health emergency.

Read more: <https://www.reuters.com/article/us-health-venezuela-diseases/venezuela-crisis-could-spark-surge-in-infectious-diseases-study-idUSKCN1QA2ZN>

Keep Your Kids Safe from Burns

(Health Cast) An average of two children die from burns and more than 300 are treated for such injuries in U.S. emergency departments every day, a burn expert says.

Burns are one of the leading causes of death and injury in the United States, and children are particularly vulnerable.

Young children are at increased risk for accidental burns because their mental and physical abilities are not fully developed. Also, they have thinner skin layers than adults, which means they suffer deeper burns at lower temperatures and more quickly, the experts explained.

Loyola's Burn Center and the American Burn Association offer tips on preventing burns in children.

Make sure coffee cups and tea mugs have lids, and never carry hot liquids while holding a child. Never place hot liquids on low coffee tables or end tables that can be reached by young children, and don't use table cloths or place mats that a child can pull down.

Keep clothes irons, curling irons, etc., unplugged and out of reach of children. When cooking, never leave the stove unattended, turn handles of pots and pans toward the rear of the stove, and use back burners when possible.

Water heaters should be set at a maximum of 120 degrees Fahrenheit or just below the medium setting. A safe bathing temperature is 100 degrees Fahrenheit. Test the temperature at the faucet with a meat thermometer after running hot water for 1 to 3 minutes. If you have to leave the bathroom while bathing a child, take the child with you.

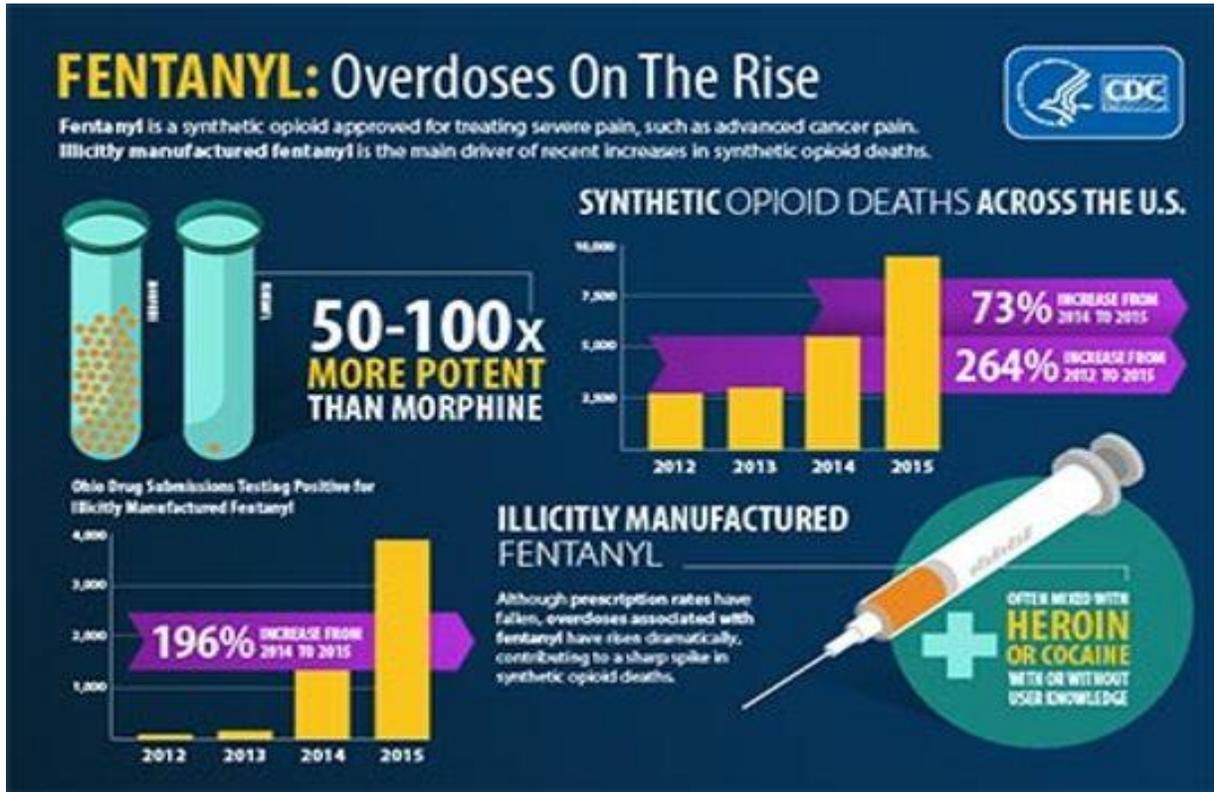
Don't give children tasks that are beyond their capabilities, such as bathing, caring for a younger sibling, cooking, or using a microwave.

More information: The American Academy of Pediatrics has more on [preventing and treating burns](#).

Full story: <https://thehealthcast.com/general-health/keep-your-kids-safe-from-burns/>

Report: Doctors over-prescribed potent fentanyl painkillers to patients

(USA Today) As many as half the patients who were prescribed potent fentanyl painkillers designed for people battling cancer should not have received the drug from doctors, according to a study released Tuesday that sheds light on opioid oversight.



Among the chief findings is that the U.S. Food and Drug Administration and drug manufacturers failed to properly regulate the painkiller despite safeguards adopted eight years ago, according to the report. The findings are based on 4,877 pages of documents obtained by public records requests filed by researchers from Johns Hopkins and Yale universities.

Full story: <https://www.usatoday.com/story/news/nation/2019/02/19/fentanyl-over-prescribed-patients-study-finds-johns-hopkins-fda-painkillers-cancer/2920034002/>

UK-KIPRC KY Overdose Prevention Project

Report: K-SURE Brief- Five Major Overdose Related Substances in Kentucky, January 1, 2017 - June 30, 2018

Report: http://www.mc.uky.edu/kiprc/Files/drug/2018/K.SURE%20Product_color.pdf

All their drug overdose reports: <http://www.mc.uky.edu/kiprc/pubs/overdose/index.html>

Universal flu vaccine hope as scientists find immune cells which fight all strains

(Telegraph) Immune cells which could fight all kinds of [influenza](#) virus have been discovered by scientists, raising hope for a universal vaccine which does not need to be update annually.

Researchers from the [Peter Doherty Institute for Infection and Immunity](#) and Monash University found that some killer T cells are able to fight off all forms of the virus.

Most immune cells only target individual strains, but researchers discovered parts of the virus that were common across all types of flu and then looked for cells in humans which could latch on to those areas.

Read more (registration required): <https://www.telegraph.co.uk/science/2019/02/18/universal-flu-vaccine-hope-scientists-find-immune-cells-fight/>

CDC: Flu activity reaches new seasonal high

CIDRAP News - US flu activity increased again in the last week, reaching the highest levels of influenza-like illness (ILI) so far during the 2018-19 flu season, the Centers for Disease Control and Prevention (CDC) said today in its latest FluView update. The ILI rate hit 5.1%, up from 4.8% reported in the previous week. Last year, ILI peaked at 7.5%—one of the highest rates in decades.

Full story: <http://www.cidrap.umn.edu/news-perspective/2019/02/cdc-flu-activity-reaches-new-seasonal-high>

FEMA EMI Training Opportunities

E0449 Incident Command System (ICS) Curricula Train-the-Trainer
E0388 Advanced Public Information Officers Multiple dates on the EMI Campus
Learn more: << [CLICK HERE](#) >>.

CBS: One out of every seven emails sent to professionals is a phishing message.

*The most dangerous email I opened last month came from a close friend.
Or at least I thought it did.*

Learn more: <https://www.cbsnews.com/news/spear-phishing-i-opened-an-email-from-a-friend-it-turned-out-to-be-a-trick-and-dangerous/>



'Superhero' window washers surprise kids at Norton Children's Hospital

(WDRB) -- A group of superheroes was spotted in downtown Louisville on Tuesday. Iron Man, Spider Man, Batman, the Flash and even Deadpool were seen hanging out at Norton Children's Hospital.... Literally. Hanging out.

Source: https://www.wdrb.com/news/superheroes-take-over-norton-children-s-hospital/article_e8b897c2-36db-11e9-826d-2335e5df9c57.html

Guess who the video doorbell caught stealing your Amazon package?

See the video: https://www.wdrb.com/news/kentucky-dogs-caught-on-camera-stealing-owner-s-amazon-package/article_e298b430-3566-11e9-a59d-5faac6e4ac8e.html

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 (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.