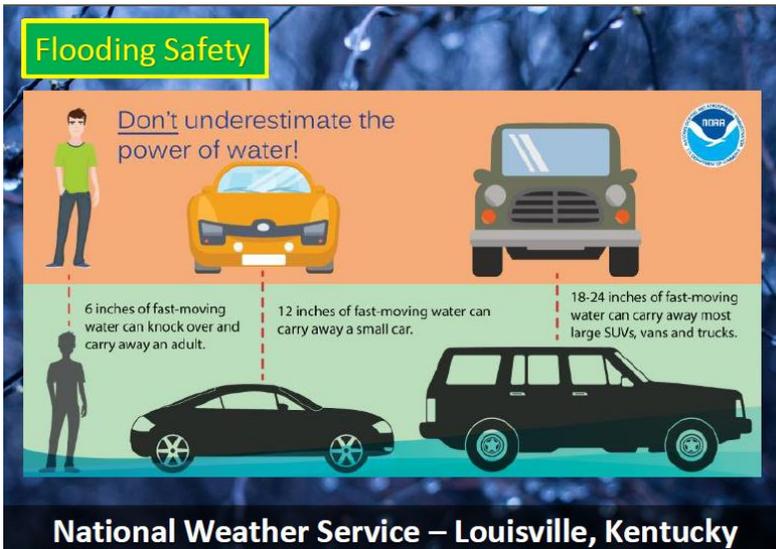




Kentucky Hospital Research & Education Foundation Emergency Preparedness Update for September 25, 2018

Woman drowns after being swept away by floodwaters in Bourbon County



(WTVQ) – The Bourbon County Sheriff’s Office confirms a woman has died after her car was swept away by floodwaters on Sunday. Chief Deputy Michael Jones says the woman’s car was swept into a pond and became submerged around 12 p.m. on Brentsville Road. Jones says a deputies received a call saying there was a car in the water, but the car was not visible when they arrived. A deputy waded into the water to try and locate it. Jones says crews had to wait until the water receded then a wrecker pulled the car out and that’s when it was discovered there was a woman’s body inside. The victim is identified as 23-year-old Holli Pennington, of Colorado. She was working as an intern at Silver Springs Stud horse farm in Paris.

Source: <https://www.wtvq.com/2018/09/24/woman-drowns-swept-away-floodwaters-bourbon-county/>

NWS: More Rain on the Way

([NWS Louisville](#)) Several inches of rain have already fallen over the past few days. Additional rounds of showers and thunderstorms are expected to move across the outlook area today and tonight. Some of the storms may be strong to severe with torrential rainfall, gusty winds, and lightning. Given the saturated soils...any heavy rainfall will likely lead to flash flooding...some of which could be significant. Showers and a few thunderstorms will be possible early Wednesday as a cold front pushes through the region. Drier and cooler weather is expected from Thursday through Monday. ([Weather story](#))

([NWS Jackson](#)) Periods of showers and thunderstorms could produce heavy rainfall and localized flooding. There is also the isolated risk of a strong wind gust in areas north of I-64. Thunderstorms will be possible at times Wednesday. Some of the storms could produce heavy rainfall, with a few storms also capable of producing strong winds. ([Weather story](#))

([NWS Paducah](#)) Scattered thunderstorms will continue through tonight. The main hazards with storms this morning will be locally heavy rain and dangerous lightning. This afternoon and tonight, a few strong to severe storms are possible, with isolated damaging winds. Locally heavy rain will continue to be a concern. Wednesday through Monday, A chance of thunderstorms is forecast for all or a portion of the area Sunday afternoon and evening and then Monday into Monday night. Locally heavy rainfall and lightning will be the primary concerns. ([Weather story](#))

Hurricane Florence hit 10 days ago, and still hundreds of roads remain closed, thousands evacuated

Read more from USA Today: <https://usat.ly/2lajw15>

Death Rates Up for 5 of the 12 Leading Causes of Death

CDC's National Center for Health Statistics today released Health, United States, 2017 - the 41st annual health of the nation report from the Secretary of Health and Human Services to the President and Congress. CDC Media Release: <https://www.cdc.gov/media/releases/2018/p0920-death-rates-up.html>

HHS settles HIPAA privacy case related to filming at hospitals

(AHA Today) The Department of Health and Human Services' Office for Civil Rights recently announced [settlements](#) that serve as a reminder to hospitals about the importance of obtaining patients' authorization before inviting film crews on premises where filming could potentially disclose patients' protected health information. Under the settlement agreements, Boston Medical Center, Brigham and Women's Hospital, and

Massachusetts General Hospital will pay \$100,000, \$384,000 and \$515,000, respectively, to OCR and provide workforce training as part of a corrective action plan.

An HHS [FAQ](#) on PHI disclosures to film and media notes, *"It is not sufficient for a health care provider to request or require media personnel to mask the identities of patients (using techniques such as blurring, pixelation, or voice alteration software) for whom an authorization was not obtained, because the [Health Insurance Portability and Accountability Act] Privacy Rule does not allow media access to the patients' PHI, absent an authorization, in the first place."*

HHS site: <https://www.hhs.gov/hipaa/for-professionals/compliance-enforcement/agreements/bostoncases/index.html>

HHS Press release: <https://www.hhs.gov/about/news/2018/09/20/unauthorized-disclosure-patients-protected-health-information-during-abc-filming.html>

HHS FAQ on media in treatment areas: <https://www.hhs.gov/hipaa/for-professionals/faq/2023/film-and-media/index.html>

How To Talk To Young People About The Kavanaugh Story

Learn more: <https://www.npr.org/650039170>

Malaria mosquitoes wiped out in lab trials of gene drive technique

(Reuters) Scientists have succeeded in wiping out a population of caged mosquitoes in laboratory experiments using a type of genetic engineering known as a gene drive, which spread a modification blocking female reproduction. The researchers, whose work was published on Monday in the journal Nature Biotechnology, managed to eliminate the population in less than 11 generations, suggesting the technique could in future be used to control the spread of malaria, a parasitic disease carried by Anopheles gambiae mosquitoes. The results mark the first time this technology has been able to completely suppress a population.

Read full story: <https://www.reuters.com/article/us-health-malaria-mosquitoes/malaria-mosquitoes-wiped-out-in-lab-trials-of-gene-drive-technique-idUSKCN1M41UQ>

New Hepatitis A Cases Reported In Montgomery, Lee Counties

(WLEX 18) -- Kentucky health officials reported Monday additional Hepatitis A cases, involving two restaurant employees in Montgomery County and three cases at a Lee County jail.

Read more: <https://lex18.com/news/covering-kentucky/2018/09/24/new-hepatitis-a-cases-reported-in-montgomery-lee-counties/>

Martin Co. Water District Sinks Further Into Crisis, Reservoir Runs Low

(AP) — The reservoir supplying an already troubled Kentucky water district has fallen to a critically low level, prompting the declaration of a state of emergency.

Read more: <https://lex18.com/news/covering-kentucky/2018/09/24/water-district-sinks-further-into-crisis-reservoir-runs-low/>

Puerto Rico's Tap Water Often Goes Untested, Raising Fears About Lead Contamination

(NPR) For decades, the island's water authority has [racked up fines](#) and violations for failing to adequately test the tap water for bacteria, chemicals, and other contaminants, breeding distrust and potentially [contributing to waterborne disease](#).

"Unfortunately Puerto Rico has the worst record in the U.S. for drinking water safety," says Erik Olson, a senior health policy advocate at the Natural Resources Defense Council.

And it's not just bacteria and viruses. The most recent federal data shows widespread failures to monitor and report another contaminant: lead.

According to data reported by the island's water systems between January 2015 and March 2018, 97 percent of Puerto Rico's population is served by a local drinking water system with at least one recent violation of the Safe Drinking Water Act's lead and copper testing requirements. That is far higher than any U.S. state.

A new push to start testing more of Puerto Rico's water is one small silver lining to come from the hurricane. The National Science Foundation has funded a small set of studies of the water.

Learn more: <https://www.npr.org/645625805>

Gray photos, state symbols coming to new Kentucky driver's licenses

(WDRB) -- To move into the future, Kentucky is taking a page out of the past. New driver's licenses and other state identification cards set to go into circulation next year will feature laser-engraved, shaded gray images instead of color photographs. And they will include a myriad of symbols and icons, such as the goldenrod state

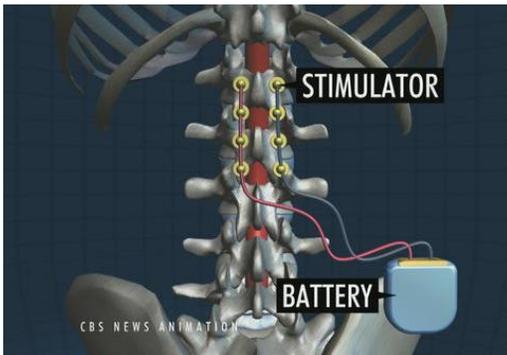


flower, Kentucky seal and tulip state tree, meant to deter efforts to make copies. The changes will let Kentucky meet new "Real ID" security standards enacted after the 9/11 terrorist attacks.

Getting the new licenses will mean extra steps for Kentucky drivers who long have been used to a quick renewal every four years. For instance, citizens must bring at least three documents proving their identity, residency and social security number when they apply. [DOCUMENTS NEEDED FOR THE 'TRAVEL ID'](#)
Read and see more: <http://www.wdrb.com/story/39159681/kentucky-reveals-design-of-new-secure-drivers-license-and-voluntary-travel-id>

Experimental device helps paralyzed walk Work done at Mayo and University of Louisville

(CBS) Three people whose legs were [paralyzed](#) for years can stand and take steps again thanks to an electrical implant that zaps the injured spinal cord — along with months of intense rehab, researchers reported Monday.



The milestone, reported by two teams of scientists working separately, isn't a cure. The patients walk only with assistance — holding onto a rolling walker or with other help to keep their balance. Switch off the spinal stimulator and they no longer can voluntarily move their legs.

The work is part of a quest to help people with [spinal cord injuries](#) regain function, and specialists say while it's only been attempted in a few people, it's a promising approach that needs more study. Spinal injuries disrupt nerve pathways that ordinarily allow the brain to signal the legs to move. In a study, doctors implanted an electrical stimulator at the base of the spine. When it's turned on, the electrical signals appear to awaken those injured nerve

pathways, allowing the brain to communicate with the legs again.

Read more: <https://www.cbsnews.com/news/electrical-implant-helps-paralyzed-patients-walk-again/>

RELATED: Experimental device helps paralyzed man walk the length of four football fields

Learn more: <https://www.cbsnews.com/news/experimental-device-helps-paralyzed-man-walk-the-length-of-four-football-fields/>

Quicker and simpler test to detect infectious disease in dogs

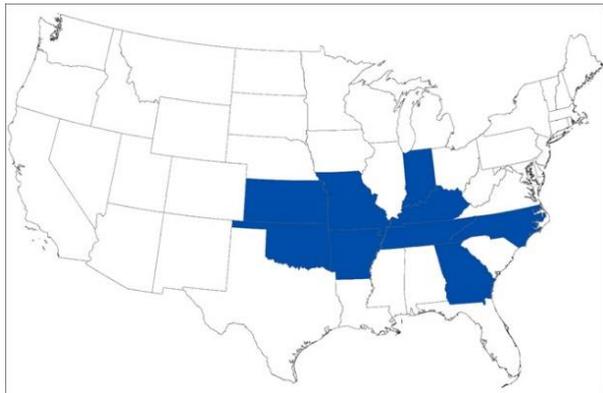
(Phys.org) A team of researchers have proposed a new test that rapidly examines dogs for exposure to a parasite transmitted by sand flies. The test could be used in monitoring the effectiveness of sand fly control efforts. The World Health Organization considers [leishmaniasis](#) a major neglected infectious disease. It's also a major public health and veterinary problem that afflicts both developing countries and Europe. Neglected infectious disease reduction is one of the EU's key development policy goals. Existing technological and epidemiological advances reinforce the need to develop training programmes aimed at developing new tools and strategies to [control](#) leishmaniasis.

Dogs infected with *Leishmania infantum*, a parasite transmitted by the [sand fly](#) *Phlebotomus perniciosus* (*P. perniciosus*), are at risk of spreading leishmaniasis infections to humans. It's estimated that over 2.5 million [dogs](#) are infected in southern Europe, and the infection is difficult to treat. Control efforts frequently focus on targeting sand fly populations. Current enzyme-linked immunosorbent assay (ELISA) tests for the presence of a *P. perniciosus* sand fly saliva protein are particularly useful in the laboratory. However, this isn't the case in the field.

Read more at: <https://phys.org/news/2018-09-quicker-simpler-infectious-disease-dogs.html>

Illinois records first case of Heartland virus

([CIDRAP News Scan](#)) The Illinois Department of Public Health (IDPH) announced the state's first case of the tick-borne Heartland virus on Sep 21.



IDPH identified the patient as a resident of Kankakee County but gave no other information regarding the patient's prognosis. Kankakee is approximately 60 miles south of Chicago.

Heartland virus, which is spread by the lone star tick, has been reported in more than 30 Americans in the Midwest and southern United States since it was first identified in 2009 in two Missouri farmers. Heartland presents like other tick-borne diseases and can include fever, rash, chills, and fatigue.

Most people recover fully from Heartland virus, although there have been cases that resulted in hospitalization and

death. There is no cure or vaccine for the virus.

Sep 21 IDPH [press release](#)

CDC Map and info: <https://www.cdc.gov/heartland-virus/statistics/index.html>

CIDRAP News: [Violence suspends response in DRC Ebola hot spot as cases rise.](#)

CDC: [CDC working with partners on new rapid rabies test that could revolutionize testing and treatment.](#)

Telecommuting now tops public transit for getting to work

Read more: <https://www.cbsnews.com/news/telecommuting-now-tops-public-transit-for-getting-to-work/>

The Internet of Things extends healthcare into the home

(Modern Healthcare) Now that devices like blood pressure cuffs and scales are connected to the internet, patients can send their medical measurements directly to health systems, whose care teams monitor the patients' well-being. [READ MORE](#)

The House is expected to [meet today](#) and consider the [Pandemic and All-Hazards Preparedness and Advancing Innovation Act \(H.R. 6378\)](#) under suspension of the rules. The updated legislation is similar to the Senate manager's amendment with some changes and additional elements from the House version.
No word yet on timing on the Senate side.

Active Shooter Preparedness Seminar

Gateway Rehabilitation Hospital
5940 Merchants St, Florence, KY

October 24th, 10am-11:30am

RSVP to: Chad Beasley at 859.426.2373

Presenter: Gregory A. Howard

U.S. Department of Homeland Security Protective Security Advisor for KY

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.