News Updates

A "magic bullet" technique could one day be used to target cancer, while leaving normal cells unharmed*
Newsweek - August 14, 2018
Researchers from the University of Missouri have demonstrated a specialized technique that could one day be used to deliver targets directly to cancer cells, bypassing normal cells. It is hoped methods such as this may help to address some of the drawbacks of current treatment options.

Cancer drug delivery closes in on fabled 'magic bullet'*
Futurity.org - August 14, 2018
"Most of the therapeutic drugs are not able to discriminate the cancer cells from healthy cells," says David Porciani, a postdoctoral fellow at the Bond Life Sciences Center at the University of Missouri. "We are developing 'smart' molecules that can bind with receptors that are found on the surface of cancer cells, thus representing a cancer signature."

MU Researchers hit "milestone" that could help treat cancer*
KOMU.com - August 14, 2018
University of Missouri researchers say they've hit a "milestone" in developing a cancer treatment that could be more effective than traditional chemotherapy.

Former MU athletes find storage solution in today's sharing economy*
Missouri Business Alert - August 15, 2018
Offered through the Trulaske College of Business at the University of Missouri, the career development class allows students to network with like-minded peers and key business leaders, as well as engaging in site visits, case competitions and Career Project Teams. The week Laurent was able to attend happened to be the same week his section was discussing business ideas for the upcoming year.

Food scientist studies soy rations for swine, poultry to add high-oleic fat*
High Plains Journal - August 14, 2018
To make better bacon, feed a better soybean. Bryon Wiegand, University of Missouri food scientist, studies the use of Missouri’s high-oleic soybean oil in livestock rations. In a report at Soy Day, Wiegand joined MU faculty telling farmers how their soybean checkoff dollars support research. They spoke at the Bay Farm Research Facility east of Columbia.
Back to school means back to bedtime routines
KRCG – August 14, 2018

*MU* healthcare offered many tips when it comes to helping kids get the required amount of sleep. They suggested an earlier dinner time to help the body mentally prepare for sleep time.

Stu Ellis: Dicamba must turn non-volatile
Herald & Review - August 14, 2018

Weed scientists, such as Aaron Hager at the University of Illinois and Kevin Bradley at the *University of Missouri* don't blame farmers who sprayed dicamba, but point to the volatility of the chemistry that allows it to escape and travel unrestricted.

PetSmart Charities® Invests in the Future Leaders of Shelter Medicine by Providing Funding to 21 Universities
Toronto Sun - August 15, 2018

Attracting top veterinarians to practice shelter or community medicine can be challenging. That’s why PetSmart Charities, the leading funder of animal welfare in North America, is donating more than half a million dollars in total to 21 of North America's premier veterinary colleges and universities, including the *University of Missouri*.

*This AP story appeared in several other media outlets.*

Missouri Exhibition Explores the Centuries-Old Specter of 'Fake News'
Smithsonian.com - August 14, 2018

Curator Clyde Bentley, a professor emeritus at the *University of Missouri’s* School of Journalism, notes that the exhibition explores three varieties of so-called “fake news”: error, hoax and truths deemed false for one reason or another.

'A Girl's Guide' To Growing Up On A Secretive Missile Test Site
WJCT NEWS - August 14, 2018

Karen Piper has written a new memoir called "A Girl's Guide To Missiles: Growing Up In America's Secret Desert." The book also has the story of a cover-up on the test site. She's a professor of literature and geography at the *University of Missouri*.

Candidate critical of 'ambulance-chasing' lawyers once named in $900k wrongful death suit
St. Louis Post-Dispatch - August 14, 2018

She is critical of the Black Lives Matter movement and opposes the *University of Missouri’s* "liberal policies on inclusion." She said she will advocate for vocational training.

University of Missouri System

Parson calls for collaboration in visit with community leaders
Kirksville Daily Express - August 14, 2018

Truman President Dr. Susan Thomas said she believes one of the factors affecting that issue is that employers looking to partner with a university may overlook schools outside of the *University of Missouri system*, especially those located in more rural areas.
New Kansas City-area addiction program works to help mothers and newborns

KMBC – Aug. 13, 2018
In the past seven years, there has been a more than 400 percent rise in Missouri children that are dependent on drugs. "That’s an astronomical increase," Sarah Knopf-Amelung, a University of Missouri-Kansas City researcher, said. Knopf-Amelung is part of a new program called Kansas City Perinatal Recovery Collaborative that is working with hospitals in the area, including Truman Medical Center and Children’s Mercy along with local and state agencies to change the way addiction is approached.

Missouri University of Science and Technology

Cleanup continues after minor fire at S&T’s McNutt Hall

Phelps County Focus – August 14
Crews are cleaning up today after a small fire broke out in a second-floor laboratory in McNutt Hall on the Missouri University of Science and Technology campus.

Blasting expert joins Dyno Nobel as a vice president

Pit & Quarry – August 14
Dyno Nobel named Braden Lusk as its vice president of DynoConsult and applications technology. According to Dyno Nobel, Lusk brings extensive technical experience in the blasting and explosives industry. He earned a Bachelor of Science and Ph.D. in mining engineering from the Missouri University of Science and Technology. Lusk also has been the professor and chair of mining and nuclear engineering at the university.

Characterizing Long-Term Groundwater Conditions And Lithology For The Design Of Large-Scale Borehole Heat Exchangers

Science Trends – August 14
The Earth’s subsurface remains at a relatively stable temperature at a given depth despite daily and seasonal changes in the weather at the surface.... The Missouri University of Science and Technology system replaced an aging coal-fired power plant and has since reported a 57 percent decrease in energy consumption, a reduction of carbon dioxide emissions by 25,000 tons, and a decrease in water consumption by 18.7 million gallons per year.

Power/Performance Bits: Aug. 14
Semiconductor Engineering – August 14
Researchers at Carnegie Mellon University and Missouri University of Science and Technology developed a new way to fabricate battery electrodes using Aerosol Jet 3D printing.

Stagetime and school work: Creativity and logic meet in student actress

Rolla Daily News – August 13
The blend of art and science is a special charm of Rolla’s, present in our university and collection of theatrical organizations... While attending Missouri S&T, Lauren splits her time between indulging her creative passion, and nurturing her logical side.
University of Missouri-St. Louis

Our endangered democracy
St. Louis Post-Dispatch - August 14, 2018
Dr. Wally Siewert is a public ethicist and the former director of the Center for Ethics in Public Life at the University of Missouri-St. Louis.

Here Are Missouri's Best Colleges: Money Magazine
Patch.com - August 14, 2018
Washington University in St. Louis has been named the best college for the money in Missouri by Money magazine. Money ranked 727 of the best colleges based on quality of education, affordability and outcomes. And while the usual suspects topped the list — Princeton ranked first — 14 Show-Me State colleges also made the cut.

The Chronicle of Higher Education

A football player died, and all of the University of Maryland is diminished
The Washington Post – August 14, 2018
The University of Maryland bills itself, in its own words, as “one of the nation’s preeminent public research universities.” It says it’s a “global leader in research, entrepreneurship and innovation.” “The mission of the University of Maryland, College Park is to provide excellent teaching, research and service,” begins an eight-page mission statement on the school’s website. Where Jordan McNair is concerned, the University of Maryland provided none of that, nothing close. Rather, this “preeminent” university did not have in place the most basic best practices that save lives.

Similar stories appeared on NPR and other national media outlets.

*Story generated by efforts of the university’s PR team.*