April 2017 Media Report

May 2, 2017

April 2017 Media Report -- a monthly sampling of what is being written about the MSU Engineering community

An April media highlight for the Michigan State University College of Engineering is the international coverage being reported on research by Arun Ross, professor of computer science and engineering. He is working with researchers at New York University to determine the security of using a fingerprint on mobile devices. Here’s a sample:

ASEE FIRST BELL

ACQ5
Andhra & Telangana Wishes (India)
Atlanta Journal Constitution
Bio-Medicine
Bio Metric Update
Bloomfield, Michigan, Patch
Boston Globe
CNBC
Deccan Chronicle (India)
Daily Mail (United Kingdom)
Digital Trends
Other media highlights included –

Continuing coverage on the research by University Distinguished Professor of Computer Science and Engineering Anil Jain includes:

• ID4Africa 2017 featured Dr. Jain, who reported that fingerprints can be used to effectively verify the identity of children enrolled as young as six months of age.

BioMetric Update

• “Iris scans come to nursing homes. Next stop, your phone.” Turning a stolen digital file into a 3-D copy of an iris remains expensive and time-consuming, Jain said.

Wired

Design Day was April 28 and featured almost 250 teams and more than 1,000 students, who showcased their
• An **Applied Engineering Sciences** capstone team won the **first Mike Sadler Competitive Edge Award**, presented during **Design Day** on April 28. The late Mike Sadler was an award-winning AES graduate (2013) and a scholar-athlete on the MSU football team. The ceremony was attended by his mother, Karen Sadler, and football coach Mark Dantonio. (PHOTO AT BOTTOM OF PAGE.)

**Lansing State Journal**
**Big Ten Network**
**Video courtesy of MSU Athletic Communications**

• **Design Day** -- A team of MSU engineering students presented its video game for a final test run to its most critical judges: a class of third-graders. The game, “Movers Who Care,” was created for Two Men and a Truck as a senior capstone project that was subsequently on display April 28.

**Lansing State Journal**
**MSUToday**
**WIXL TV 10 Lansing**
**WLNS TV 6 Lansing**

Proposed cuts to the Environmental Protection Agency would be particularly harmful to the Great Lakes region, said **Susan Masten, an environmental engineering professor at MSU**, especially if federal officials cede oversight responsibilities to states. “You can’t regulate air quality on a statewide level,” Masten said. “It’s a regional problem.”

**Detroit Free Press**
**Lansing State Journal**
University Distinguished Professor of Chemical Engineering and Materials Science Ramani Narayan is quoted in "The Atlantic," saying "Biodegradation isn’t a magical solution to plastics waste management."

Mashable
The Atlantic
The Verge
Washington Post

Thomas F. Wolff, senior associate to Engineering Dean Leo Kempel, was among seven professionals inducted into the Missouri University of Science and Technology Academy of Civil Engineers on Friday, April 21 in Rolla.

Missouri University of Science & Technology

Letter to editor, “Diversify Michigan Energy,” University Distinguished Professor Bruce Dale, chemical engineering and materials science

Detroit News

Christopher Contag, chairman of the Department of Biomedical Engineering, said the proposed NIH budget is “discouraging” for research.

MiBiz

Autonomous vehicles rely on lidar sensors and a lot of the current lidars don’t have good enough long-distance range. Daniel Morris, associate professor of electrical and computer engineering, told the MIT Technology Review. “For highway driving you really want to see far.”

MIT Technology Review

John Dorgan named the Lamp Endowed Chair in Chemical Engineering and Materials Science.

MSU Today

The solar technology of Richard Lunt, associate professor of chemical engineering and materials science, is featured in a video story on the Big Ten Network this spring.

Big Ten Network

Michigan State University is among eight North American universities selected for the upcoming AutoDrive Challenge – a new autonomous vehicle student design competition to develop and demonstrate a fully autonomous passenger vehicle. GM and SAE International made the announcement April 5.

ASEE First Bell
Automotive News Canada
Canadian Globe & Mail
Chronicle Herald Ontario
dBusiness Detroit
Engadget
4 Traders
GM Authority
Hybrid Cars
Inhabitat
Inside EVs
Mlive - Flint Journal
MobileSyrup (Canada)
MSU Today
My San Antonio
Ontario Record
Penticton Herald Canada
Road Show
Seattle Post Intelligencer
San Francisco Chronicle
State News
Camille Emig, a computer science freshman; Teresa VanderSloot, director of Women in Engineering, Recruitment and K-12 Outreach; and Laura Dillon, professor of computer science, were among those supporting two women in computing events March 31-April 1 at Aspirations in Computing and MICWIC 2017.

Video on solar powered luminescent cells, featuring Richard Lunt, associate professor of chemical engineering and materials science.

Student News
Two of the three students who won the first MSU Fountain Challenge are Spartan Engineers. Caleb Whetstone, a senior in chemical engineering, and Adam Anderson, a senior in mechanical engineering, along with communications senior Kenzo Bird won $15,000 for their Great Lakes Fountain design.

Five Spartan Engineers are among the 52 students honored with the Board of Trustees Award for having a perfect 4.0 grade point average. Honored were: Rebecca Carlson, chemical engineering and materials science; Jeffrey Hall, mechanical engineering; Elissa Klopfer, materials science and engineering; Jacob Krumrey, mechanical engineering, and Matthew Vasher, biosystems engineering.

Spartan engineering graduate students, including Faezeh Hajighajani, are featured in this article on “Can she stay?” on Iranian engineers advancing their education in the U.S.

Along with Matthew Schomisch’s mechanical engineering studies, he has spent much of his time at MSU supporting the university’s improv group.

Michael Bigelow, junior in mechanical engineering, was an honorable mention for the Goldwater Scholarship.
Rebecca Carlson, an award-winning senior in chemical engineering and materials science, hopes to open a research center in West Africa someday.  

The State News

MSU Pride Points

• **April 12:** MSU is one of eight North American universities chosen for AutoDrive Challenge to develop a fully autonomous passenger vehicle.
• **April 18:** MSU's LaNnisters won second place overall at the intercollegiate hackathon #GoogleGames in Chicago on April 2.
• **April 26:** MSU professors Patrick Walton and Amber Pearson are both recent recipients of the annual Undergraduate Research Faculty Mentor of the Year Award.
• **April 27:** MSU's College of Engineering amateur radio team recently earned the highest university scores in the premiere annual ham radio contest of Michigan.
• **April 28:** Over 1,000 students on 246 teams will showcase innovative projects during today's Design Day in the College of Engineering.