March 2017 Media Report

IN THE NEWS -- MSU College of Engineering

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MSU Engineering was showcased in national media coverage in March in multiple stories featured by the Associated Press, Newsweek, and many more. Some links only stay active for a short period of time.

Mechanical engineering professor Ranjan Mukherjee has worked for years with Hope Middle School student Zeke Holmes, who was born without arms or legs. Because of his “enthusiasm and willingness to try new things,” Michigan State University invited him to participate in the testing of its robotic arm. Read this inspiring story in, “An Arm for Zeke.” Story and photo courtesy of Lansing State Journal.

FIRST BELL
Lansing State Journal
Miami Herald
The State (South Carolina)
Washington Times

Other media this month –

Rajiv Ranganathan, an assistant professor of kinesiology and mechanical engineering, is studying the use of virtual reality for people with problems after a stroke. Hour Magazine Detroit
Freshman Camille Emig, Teresa VanderSloot, director of Women in Engineering, Recruitment and K-12 Outreach, and computer science professor Laura Dillon were among those supporting two women in computing events on March 31-April1.


Mi Zhang, assistant professor of electrical and computer engineering, is lending his expertise to an obesity study among Head Start children at Sparrow Hospital. The innovative FirstStep2Health program, now being piloted in a handful of urban Head Start programs, involves an “Eat & Walk My ABC’s” curriculum that features nutritional education, food-tasting activities and games.


University Distinguished Professor Lawrence Drzal and Hayder Radha, director of CANVAS, discuss two of the auto industry’s biggest current initiatives – autonomous vehicles and lightweighting.


Rebecca Anthony, assistant professor of mechanical engineering, has been awarded a five-year, $500,000 NSF Faculty Early Career Development (CAREER) Award to research nanostructure manufacturing to make LED lights more efficient and versatile.


Genetic engineering to alter mRNA could pave a new way for cancer treatment. Work at Stanford University by Christopher Contag, now chair of the MSU Department of Biomedical Engineering, demonstrated for the first time that it can deliver messenger RNA (mRNA) to cells in a dish, or to cells in organs of living animals.


Facial recognition technology can help identify criminals through mug shots, but faces change as people age. University Distinguished Professor of computer science and engineering Anil Jain now says six years is the magic threshold for an image going from helpful to useless.
Could a photograph of your hand get you hacked? Don’t panic quite yet says, University Distinguished Professor Anil Jain. “The chances are very, very small.”

When fingerprints are as easy to steal as passwords

The six Spartan Engineers named NSF GRD fellows are: Rebecca Carlson, Elissa Klopfer, Sung Ming Tsou, Alexander Lalejini, Sheryl Suet Ying Chau, and Sylmarie Davila-Montero.

MSU CHEMS junior Joey Adams created a dating resume … and it went viral. His creative edge was published on BuzzFeed, talked about on Good Morning America, and there’s a campaign to get him on The Ellen DeGeneres Show.

Engineering students are contributing to a new solar power project at MSU. Carports with solar arrays are being built at five parking lots. They’ll cover most of the parking spaces in each lot and provide partial protection for vehicles from inclement weather. The Associated Press moved the story nationally.
ECE students bring new technology to Paralympic athletes

**WKAR**

AES junior Hew Hamilton won the $1,000 grand prize at The Hatching in February.

**MSU Today**

**Alumni News**

Matthew Rizai (BS ’78, MS ’80, PhD ’83, MECH EGR) has built a career out of time management. His most recent company, Workiva, founded in 2008, focuses on companies that navigate Big Data across multiple channels.

**Crain’s Chicago**

Rachael Acker (BS MECH EGR ’16) likes to encourage students to study STEM.

**Midland Daily News**

Marla Hough (BS CIV EGR ’82) of Hough Engineering talks about her 20 years of business in Florida and a resume packed with projects in Bradenton-Sarasota area.

**Bradenton Herald**

TheraB Medical Products, the swaddling blanket company started by MSU students as a Design Day project in 2014, is one of four startups supported by Michigan’s Quantum Medical Concepts, which has announced plans to expand. The blanket treats newborns with jaundice.

**MiBiz (Grand Rapids)**

**Friends of the College**

Plymouth resident Justin Sanderson has not seen his father Stephen Sanderson — a career soldier in the U.S. Army stationed in South Carolina — in more than 15 months. That’s about to change as the team heads to Kentucky for VEX Robotics nationals.

**Observer & Eccentric/Hometown Life Plymouth**

Related Website: [Communications contact: Patricia Mroczek](http://www.egr.msu.edu/news/2017/04/04/march-2017-media-report)