February 2019 Media Report

March 1, 2019

MSU Engineering In The News - a monthly look at media coverage on the college

Media offered memorial tributes to two faculty members in February --

• Robert Hubbard, professor emeritus of mechanical engineering and inventor of the life-saving HANS device, died Feb. 5 at his home. He was 75.

![Robert Hubbard](image)

AutoSport
MSUToday
Nascar/NBC Sports
Racer
Road and Track
WILX TV 10 Lansing

• The Lansing State Journal called University Distinguished Professor Kris Berglund of the Department of Chemical Engineering and Materials Science the “godfather” of Michigan’s distilling industry. He died in December.

Also in February --

MSU acting president Satish Upda issued a call on Feb. 12 to address sexual misconduct on campus and protect victims as the university faced an “important and overdue reckoning” for past failures. Upda served seven years as dean of the MSU College of Engineering.

Detroit News

Tom Wolff, associate dean emeritus, and Penny Wirsing (’83, civil engineering), current national president of the national Society of Women Engineers, help U.S. News & World Report educate students on "How to Assess Various Types of Engineering Degrees.”

U.S. News & World Report
University Distinguished Professor of Computer Science and Engineering Anil Jain tells *Popular Science* that ultrasonic fingerprint sensors can have their advantages and do a better job of reading a fingerprint than when wet, dry, or dirty. See: “How the Samsung Galaxy S10's cool new fingerprint sensor works.”

*Popular Science*

Dean Leo Kempel said workers on visas are often needed to build an adequate supply chain - H-1B visas can help.

*AutoKartz*
*Automotive News*
*BSOD Tech News*
*Crain's Detroit Business*
*Rubber & Plastic News*
*Tech News Jar*
*U and Them News*
*Interviewed by ASEE Prism Magazine on Feb. 5.*

Translating sign language – researchers in the Department of Electrical and Computer Engineering, including Mi Zhang, Biyi Fang and others have developed and patented a new technology that breaks through sign language barriers. The research is attracting national attention.

*BTN LiveBig Twitter*
*Futurity*
*Knowridge Science Report*
*MSUToday*
*Smithsonian Magazine*

The many ways that Lalita Udpa, professor of electrical and computer engineering, has advanced international studies and programs will be recognized April 9 when she receives the Ralph Smuckler Award in Spartan Stadium's Huntington Club.

*MSUToday*

A research team that includes Arjun Krishnan, an assistant professor of Computational Math, Science and Engineering, has demonstrated a new tool that uncovered and confirmed four genes to a rare form of cancer in babies and young children. The work with researchers at Princeton University and the University of Oslo was published Feb. 23 in *Cell Systems*.

*Princeton University*
Guowei Wei, associate professor of mathematics and electrical and computer engineering, is featured in the national news service, The Conversation, on how to untangle molecules in the search for new drug solutions.

Roozbeh Dargazany, assistant professor of civil engineering, will use $1.5 million to help in lightweighting efforts by building a one-of-a-kind database to better understand one of the challenges – the corrosion of polymeric adhesives, the “glue” for lightweight materials.

Karim Chatti, professor of civil and environmental engineering and director of the University Transportation Center for Highway Pavement Preservation, has been named a Fellow of the American Society of Civil Engineering, the nation’s oldest national engineering society. He will be honored on March 14 in Virginia.

MSU welcomed 500 young robotic masters to Jenison Field House on Sunday, Feb. 24, during the 2019 Michigan VEX Robotics State Championship. More than 70 high school teams competed in the annual event, hosted by the college’s recruitment and K-12 outreach office.

MSU joined with peers around the country for the National Engineers Week celebration of “Invent Amazing” from Feb. 16-24, hosted by The Center For Spartan Engineering.
It's late 1969 ... the muscle car era is in its prime. A group of MSU engineering students put their #SpartansWill to work by turning a Red Oldsmobile Cutlass into a souped-up, competitive dragster. Fifty years later, these dedicated alumni are deeply entrenched in a mission to see if the car still exists. WZZM TV 13 in Grand Rapids is helping in their quest ...

WZZM TV 13 (Grand Rapids)

Richard Lord, an MSU athlete and 1953 chemical engineering graduate, was among the black pioneers of Canada who paved the way for others. Lord died in 2014.
Montreal Gazette

Electric violin advocate Matthew Bell, a 1995 chemical engineering and Honors College graduate, played in New York’s historic Carnegie Hall in November.
Monroe News

Current Students

Derek Goderis, a freshman in electrical engineering, is finishing up his first year as a Hella Scholar. “The program offers immense value for both the company and myself, because I’m working on real projects and will know the Hella way by the time I finish college.”
MiTechNews

Incoming Spartans

Joshua Kish of Wyandotte will study electrical engineering as one of just 106 students in the United States and Canada to receive the prestigious 2019 Horatio Alger National Scholarship. Each student has been awarded $25,000, to be used for up to five years of college studies.
News-Herald (suburban Detroit)

MSU Pride Points

- **Feb. 6:** Karim Chatti, a professor of civil and environmental engineering, has been named a fellow of the American Society of Civil Engineers, the country’s oldest national engineering society.

- **Feb. 25:** Roozbeh Dargazany, assistant professor of civil engineering, will use $1.5 million to build a one-of-a-kind database to better understand the corrosion of polymeric adhesives, the “glue” for lightweight materials.

Related Website: [Communications contact: Patricia Mroczek](https://www.egr.msu.edu/news/2019/03/01/february-2019-media-report)

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