



Department of Industrial and Systems Engineering

UNIVERSITY OF WISCONSIN-MADISON

news for alumni • spring 2020

From our chair

Another academic year is coming to a close. This spring semester has been anything but ordinary, though, amid the uncertainty of the global COVID-19 pandemic. Nearly all of us are now carrying out our research, teaching and other work remotely, which is why we are connecting with you electronically, too.



While our top priority has been supporting our students, faculty and staff during this time of upheaval, we're also doing what we can as a college and a department to use our expertise to help our state, country and world combat the COVID-19 pandemic. I hope you and your loved ones are well, and thank you for your support of our department.

On, Wisconsin!

Jeff Lindereth

Department Chair and Harvey D. Spangler Professor

Predictive power

Professor Oguzhan Alagoz has developed a model for predicting the spread of COVID-19 in Dane County.

[Read more](#)



Matchmakers

Assistant Professor Justin Boutilier has created an automated online platform to connect healthcare facilities in need of face shields with manufacturers.

[Read more ...](#)
and [help support this effort](#)



Driven to help

Alumnus Tyler Vermey drove from Utah to Madison to help GE Healthcare pump out ventilators.

[Read more](#)



More headlines

- ISyE faculty and instructors, along with their peers across the college, [have adjusted to online teaching on the fly.](#)
 - Professor Jim Luedtke and collaborators created a new mathematical model that could help power operators [integrate more renewable energy](#) while still maintaining system balance.
 - The National Academies of Sciences, Engineering, and Medicine designated Pascale Carayon, the Leon and Elizabeth Janssen Professor, as a [National Associate, a lifetime title.](#)
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Harvey D. Spangler Assistant Professor Nicole Werner and her lab members dug into [caregiving work](#) for individuals with dementia.



Undergraduate Grace Douglas balances life as a [STEM student with captaining the UW women's soccer team](#).

Help UW-Madison engineers respond to COVID-19

