



Department of Civil and Environmental Engineering

UNIVERSITY OF WISCONSIN-MADISON

news for alumni • spring 2020

From our chair

It goes without saying that the start of 2020 has been an unusual and exceptional time, both here at UW-Madison and around the world. My sincere hope is that you and your families are healthy and continue to stay well as the COVID-19 pandemic continues. As this spring semester, which has been anything but ordinary, comes to a close, the wellness of our students, faculty and staff remains our top priority. As I write this, we have all settled into a new normal of online instruction, remote meetings, and increasingly creative ways to carry out our missions in education and research, which is why we are connecting with you electronically, too.



Despite the exceptional turn that 2020 has taken, this year is a special one, as it marks the 150th anniversary of the founding of our department in 1870, only 22 years after UW-Madison was established in 1848. It's remarkable to think about the extent of our long history, about all of the classes taught, concrete canoes raced, transformative research advances made, and students who have passed through these halls. It's amazing to think about all of our alumni who remain proud Badgers today. I am continually amazed by the resilience, patience, and dedication of our Badger family. We are only getting stronger.

On, Wisconsin!

William J. Likos

Gary Wendt Professor and Department Chair

[Read more from Professor Likos on our website.](#)

Filling the gaps

Assistant Professor Andrea Hicks is studying how reusable personal protective equipment can help meet spikes in demand during pandemics.

[Read more](#)



Tracking lampricides

Associate Professor Christy Remucal and PhD student Bobbi Jo Helgemoe are studying how lampricides move through the Great Lakes' tributary systems.

[Read more](#)



Science diplomacy

Professor James Schauer is leading a team of engineers who are strengthening air quality monitoring efforts in India and Bangladesh.

[Read more](#)



More headlines

- Professor Jim Park has found a [surprising use](#) for old tires to help clean the environment.
- Professor Steve Loheide and Assistant Professor Dan Wright have [launched a project](#) to study urban greening's effectiveness in combating

heat islands.

- Researchers from across the College of Engineering are [lending their expertise](#) to help understand and combat COVID-19.



The new [Jun and Sandy Lee Wisconsin Structures and Materials Lab](#) marks a tremendous step forward for our structural engineering program.



Four CEE students are [designing buildings](#) with groups from around the world as part of the 27th Global Teamwork course.

Help UW-Madison engineers respond to COVID-19

