

CCEE WINTER 2021 NEWS

A Newsletter of the Department of Civil, Construction, and Environmental Engineering



Federal, state officials tour CCEE labs, discuss PFAS efforts

U.S. Environmental Protection Agency Administrator Michael Regan, N.C. Gov. Roy Cooper and other federal and local officials visited Fitts-Woolard Hall for a tour of CCEE's environmental labs and to discuss ongoing research in the department and around the university on per- and polyfluoroalkyl substances (PFAS). While at NCSU, Regan unveiled the agency's 26-page "PFAS Strategic Roadmap" on NC State's Centennial Campus.

[See snapshots from the tour »](#)



CCEE professor recognized for career contributions to training future engineers

Dr. Joel Ducoste, CCEE professor and interim associate dean for Faculty Advancement, won the Water Environment Federation's Fair Distinguished Engineering Educator Medal, which recognizes accomplishments in the education and development of future engineers.

[Read about Dr. Ducoste's 20-year career as an educator »](#)



CCEE researchers create new bioinspired microvasculature to control material properties

A research team that includes CCEE assistant professor Dr. Jason Patrick has created and demonstrated a new vascular metamaterial that can be reconfigured to modify its thermal and electromagnetic properties using 3D printing technologies.

[Explore the study »](#)



CCEE alumnus receives NC State's Watauga Medal

CCEE alumnus Glenn Futrell (BSCE 1963, MSCE 1965) received the Watauga Medal, NC State University's highest nonacademic honor, at a ceremony at Talley Student Union. The Board of Trustees presents the annual award to recognize individuals who have made significant contributions to the advancement of NC State.

[Read about Futrell's academic and career achievements »](#)



CCEE student team nabs 3rd in WEF design competition

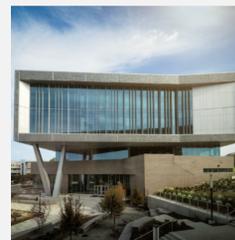
The environmental engineering student design team, advised by Dr. Francis de los Reyes, won third place at the 20th annual Water Environment Federation Student Design Competition at the WEFTEC conference in Chicago on Oct. 17. The team presented their design for the Stowe Regional Water Resources and Reclamation Facility for the City of Charlotte.

[Dive into the team's design strategy »](#)

CCEE Enhancement Fund

Your contribution to the CCEE Enhancement Fund will make an immediate impact and provide critical support for our department.

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Dec
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Fall 2021
Graduation »

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Career Fair »

CCEE IN THE NEWS

[Dr. Ashly Cabas](#) chatted with [Jonathan Van Ness](#) about seismic waves, soils, risk assessment and other earthquake fundamentals on his podcast "Getting Curious" »

[Dr. Detlef Knappe's](#) research on per- and polyfluoroalkyl substances (PFAS) was highlighted in [The New York Times](#) »