

CCEE Summer 2022 News

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



Dr. Jackie MacDonald Gibson named as new head of CCEE

Dr. Jackie MacDonald Gibson (pictured left), professor and chair of the Department of Environmental and Occupational Health at Indiana University, Bloomington, has been appointed as the next head of CCEE. MacDonald Gibson, who will begin her new appointment Aug. 15, succeeds Dr. Morton Barlaz, Distinguished University Professor, who has led CCEE for 12 years.

[Learn more about Dr. Jackie MacDonald Gibson →](#)

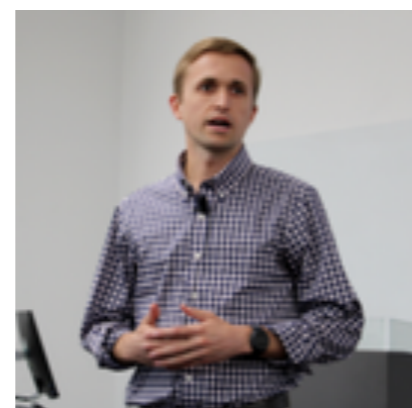


Four students win Outstanding Senior Awards for excellence in undergraduate studies



Each spring, the department recognizes exceptional undergraduate students with four Outstanding Senior Awards. This year, the awards went to Kylee May for Scholarly Achievement, Hunter Bowman for Leadership, Haley Beard for Citizenship and Service, and Nadia Sheppard for Humanities.

[Read about this year's winners →](#)



Student researchers face off in CCEE 5th Annual Three Minute Thesis Competition

Five CCEE Ph.D. students competed in the department's 5th Annual Three Minute Thesis (3MT) Competition on April 18, presenting their research to an audience of judges and colleagues. Each student had three minutes and one static visual slide to make a compelling and concise statement about their thesis topic and its significance to society.

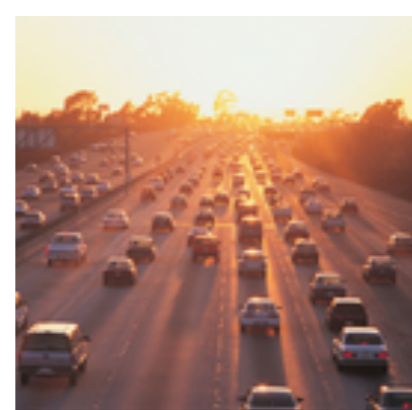
[Explore the competitors' research →](#)



Steve Welton recognized as outstanding advisor by the College of Engineering

CCEE professor Steve Welton was recognized with the 2022 Blessis Outstanding Undergraduate Advisor Award from the College of Engineering for his outstanding commitment to ensuring students are academically and personally supported.

[Read about Welton's impact on students →](#)



CCEE researchers find way to make traffic models more efficient

Models that predict traffic volume for specific times and places are used to inform everything from traffic-light patterns to the app on your phone that tells you how to get from Point A to Point B. CCEE researchers, including Dr. Ali Hajbabaie, have demonstrated a method that reduces the computational complexity of these models, making them operate more efficiently. Hajbabaie was recently selected as a 2021-22 Goodnight Early Career Innovator at NC State.

[Delve into the team's research →](#)



CCEE Enhancement Fund

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

[Click here to give →](#)

Sep
19

21st Annual Paul Zia Distinguished Lecture: "Design & Construction of the Rainer Square Redevelopment Project" →

Nov
5

NC State University Homecoming →

CCEE IN THE NEWS

[Dr. Detlef Knappe's water testing research featured in NC Health News article →](#)

[WRAL highlights Dr. Angela Harris' COVID-19 wastewater testing in new report →](#)

[Dr. Katherine Anarde's work on "Sunny Day Flooding" research featured on PBS →](#)