



Vanderbilt University  School of Engineering

## Message from the Chair

Friends of the CEE@Vanderbilt Family,

CEE@Vanderbilt is on the rise, and a lot is happening within the department, the school and the university! I would like to highlight some of our major accomplishments that will shape the future of CEE@Vanderbilt for the years to come.



I am delighted to share the news that the new Environmental Engineering Undergraduate Major is now a reality. The major accepted its first cohort of students starting in the Fall 2024 semester. The new major provides students with the tools necessary to develop effective solutions to solve emerging and existing environmental issues surrounding climate change; sustainability; carbon neutral innovations; water resources; and aging infrastructures; among many other environmental challenges.

Our faculty are leading new university-wide initiatives directed to address critical challenges facing society. CEE has been front and center in the conception and operation of the new Vanderbilt Discovery Center on Sustainability, Energy and Climate (VSEC). Professor Hiba Baroud is the interim director as we conduct a national search for a permanent director, and several other CEE faculty are serving on the leadership team. VSEC will develop innovative solutions to promote sustainability demands and address fundamental challenges through broad interdisciplinary collaboration. Professor Doug Adams is the executive director of the newly formed Vanderbilt Institute of National Security. This institute will employ user-inspired collaboration to create novel and innovative solutions to ensure our nation's future safety and stability, and educate the next generation leaders.

I share below a small number of the many accomplishments our faculty, undergraduate and graduate students achieved in the past few months. Celebrate these accomplishments with us, and as always, stay in touch!

Best,

**Çağlar Oskay, Ph.D.**

Cornelius Vanderbilt Professor of Engineering

Chair and Professor of Civil and Environmental Engineering

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[\*\*Vanderbilt adds new Environmental Engineering major\*\*](#)



Beginning in the fall of 2024, Vanderbilt began offering an environmental engineering major for undergraduates through the Department of Civil and Environmental Engineering (CEE).

## **Vanderbilt Center for Sustainability, Energy and Climate forms search committee to hire permanent Director**

Vanderbilt has formed a search committee to find a permanent director for the new Vanderbilt Center for Sustainability, Energy and Climate (VSEC). Launched earlier this year, VSEC primarily focuses on advancing multidisciplinary research that includes partnerships with communities, government, industry, national laboratories and other research universities.



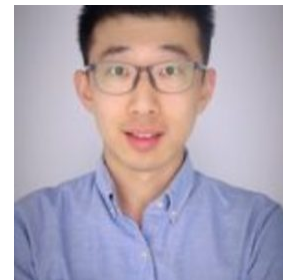
## **Vanderbilt University launches Institute of National Security to counter threats, cultivate leaders**

The institute will be housed in the School of Engineering, but it will emphasize involvement from faculty, staff and students across all schools and colleges, including engineering, medicine, education, business, law, humanities and, soon, connected computing. Douglas Adams, the Daniel F. Flowers Professor of Civil and

Environmental Engineering, will serve as the first executive director.

## **Ruoyu Wang receives distinguished AEESP Outstanding Doctoral Dissertation Award**

Vanderbilt alumnus Ruoyu Wang has been selected to receive the prestigious 2024 Jacobs Engineering Group/AEESP Outstanding Doctoral Dissertation Award. The award recognizes an outstanding doctoral dissertation that contributes to the advancement of environmental science and engineering.



## **Engineering students gain real-world knowledge for future success during Italy trip**

In March 2024, more than 20 Vanderbilt engineering students visited Italy during spring break to not only see some iconic structures, but also learn the engineering

behind the Pantheon and Venice's sophisticated floodgates so they could apply that knowledge to future engineering projects of their own.

**Give Now!**

Support the great work of our students and faculty.



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