



## Civil and Architectural Engineering

### E-NEWSLETTER

Fall 2025

#### DEPARTMENT HIGHLIGHTS

- **NSF NRT:** [Transforming research and education for a resilient coastal future](#)
- **NSF REU:** [Undergraduate students get direct research experience at the U](#)
- **Dual-degree Program:** [Engineering student masters transportation abroad](#)
- UM to host the 16th [Advances in Cement-Based Materials Conference](#) June 10 - 12, 2026.

#### FACULTY ACCOMPLISHMENTS

- **Prof. Ruiz Pestana:** [NSF CAREER Award: NSF awards boost research on aerosols and concrete](#)
- **Prof. Suraneni:** Elected Fellow of RILEM, The International Union of Laboratories and Experts in Construction Materials, Systems and Structures. [Read More](#)
- **Prof. Andiroglu:** [Making septic systems cleaner for the environment](#)
- **Prof. Wang:** DoD ESTCP Grant related to Energy Resilience

#### STUDENT ACCOMPLISHMENTS

- [Tackling coral health from a new angle](#)
- **Dr. Nina Maria Jean-Louis:** University of Miami Graduate School Dissertation Fellowship
- **Danielle Bejar** Spearheaded the first ASHARE student chapter at UM
- **Chi Epsilon fall inductions:** Kayla Thompson, Guilherme Fabricio, Mikaela Jones, Bahar Arian, Eric Saba, Zeynep Balyemez, Blake Sandoval (President), Kevin Huang, Elizabeth Gabriele, and Brianna Mahon. [Read More](#)
- **Zeynep Balyemez:** [Engineering interns make a big impact](#)

#### ALUMNI HIGHLIGHTS

- Ryan Marzullo was featured on PBS's NOVA program Extreme Airport Engineering, which premiered on January 30, 2025. He played a key role in the redesign and construction of New York City's LaGuardia Airport. [See More](#)



FOR MORE  
INFORMATION



Xianming Shi  
xxs784@miami.edu



cae.coe.miami.edu