



UNIVERSITY OF MIAMI
COLLEGE of
ENGINEERING

DEPARTMENT OF Civil & Architectural Engineering

E-NEWSLETTER

October 2024

DEPARTMENT HIGHLIGHTS

- [Construction materials expert to lead the CAE department](#)
- [Federal grant to support development of resilient infrastructure](#)
- NSF [REU program showcased their coastal infrastructure resilience projects](#)

STRATEGIC INITIATIVES

- UM to host the 1st Symposium on Climate-Smart Infrastructure Innovations on March 2-4, 2025
- Dr. Nanni: appointed as the Founding Chair of the [ACI Technical Committee 243 in Seawater Concrete](#)
- [Murphy Construction Program](#) offers cutting-edge, practice-oriented advanced graduate degrees and certificates

ALUMNI HIGHLIGHTS

- [From commencement to construction: Graduate student aims to make his mark in Miami](#)
- Florida Engineering Society: Jose Acosta – Engineer of the Year; Sarah Paschke – Outstanding Contribution to a Student Chapter

DEPARTMENT STATISTICS

Total Faculty: 11 (T/TT) +3

Total PhD students: 35

Total MS students: 35

Total undergraduates: 97

Rank by Scholarly Research Index:

48 (in the nation); Research

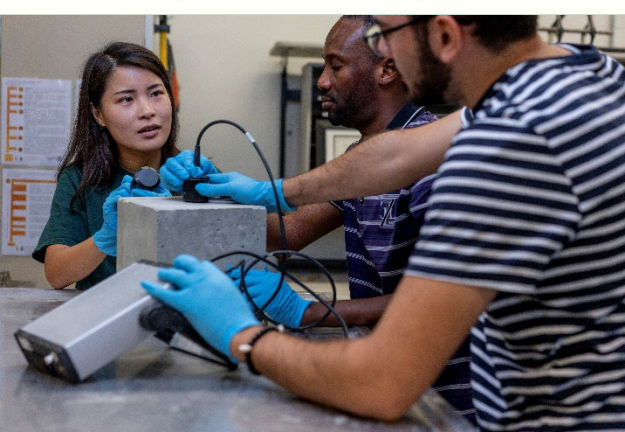
Expenditure per Faculty: \$362,000

FACULTY ACCOMPLISHMENTS

- Dr. Ghahremaninezhad: [Bio-inspired solutions to tackle a billion-dollar corrosion problem](#)
- Dr. Suraneni: [Helping pave the way for eco-friendly cement](#)
- Dr. Suraneni: wins the ACerS Cements Division Early Career Award and will serve as the Division Chair
- Dr. Andiroglu: [Water scarcity and the climate crisis](#)
- Dr. Rhode-Barbarigos Attends [Prestigious Climate Adaptation Workshop](#) and [recognized by ASME as a Rising Star](#)
- SEAHIVE featured as [a Sustainable Solution to the climate & biodiversity crisis](#)
- Four new CAE courses: to launch a new [“Built Environment, Climate and Society” Cognate](#)

STUDENT ACCOMPLISHMENTS

- PhD students Sofiane Amroun and Nima Khodadadi win the [ACI Foundation Fellowship](#)
- PhD students Luca Galli and Nima Khodadadi invited to the ACI Emerging Leaders Alliance (ELA) Program
- PhD student Luca Galli wins the [ACI Bertold E. Weinberg Scholarship](#)
- Ph.D. student Nima Khodadadi wins the [John Ries Scholarship](#) and the Structural Engineering Institute (SEI) Futures Fund Student Scholarship
- PhD student Kylee Rux wins the DOD [National Defense Science & Engineering Graduate Fellowship](#)
- [Engineering students' imagination and ingenuity shine at the Senior Design Expo](#)
- PhD student Sandesh Lamsal: selected by the [U.S. Coastal Research Program](#)
- [2024 Next Gen All Star: Drew Rich](#)



PhD students, Wasiu Alimi and Sofiane Amroun, and graduated student, Dr. Ying Wang, planning some concrete non-destructive testing, in Structures & Materials Laboratory

Go 'Canes!

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