MESSAGE FROM THE DEAN

This month has been filled with exciting news. Two of our assistant professors received the prestigious CAREER award of the National Science Foundation for their innovative research! Additionally, two of our PhD candidates were among the three finalists to present at the Ted-like talks at the First Annual Graduate + Post-doctoral Research Symposium on March 7, and one of them won this competition!

Next month, we will hold the Third Annual Neural Engineering Symposium on April 3-4. We also will honor the accomplishments of our students at the 2019 Honors Convocation in the Robert and Judy Prokop Newman Alumni Center on April 10.

Thanks to all of you who help us shine on our brilliant trajectory.

Jean-Pierre Bardet
Dean and Professor

IN THE NEWS

Forefront of Innovation

More than 5,000 attendees, 300 speakers and 300 exhibitors participated in the 2019 Synapse Summit (Synapse) – a symposium to help investors, entrepreneurs and leaders build connections in the tech community – where College of Engineering Dean Jean-Pierre Bardet introduced the opening keynote, as well as participated in a panel on immersive technologies in education.

Sustainable Production and the Circular Economy

The College welcomed distinguished researcher Nabil Z. Nasr for a presentation highlighting key technologies focused on enhancing product performance, expanding product service life and lowering energy and material consumption.

RESEARCH AND FACULTY

Rising Professor Earns Prestigious NSF CAREER Award

Ramin Moghaddass, an assistant professor in the Department of Industrial Engineering, has been awarded a National Science Foundation (NSF) Faculty Early Career Development (CAREER) award. In his CAREER project, Moghaddass will address the optimization of sensor-driven systems for renewable power.

Engineering Self-Healing Concrete Through NSF CAREER Award

Another assistant professor rising the ranks has received the prestigious NSF CAREER award. Ali Ghatrehmanizhad, an assistant professor in the Department of Civil, Architectural and Environmental Engineering, received an award for his research to engineer self-healing concrete.

STUDENTS AND SPRING ACTIVITIES

Presenting Research at Gulf of Mexico Oil Spill and Ecosystem Science Conference

Larissa Montas, a PhD candidate in the Department of Civil, Architectural and Environmental Engineering, presented her research, entitled, “Integrating the Results from a Fate and Transport Model in the Interpretation of Oil Spill Concentration Distributions within Nearshore Environmental Samples,” at the 2019 Gulf of Mexico Oil Spill and Ecosystem Science Conference in New Orleans.

Engaging Campus and Community in the World of Engineering

National Engineers Week inspires future generations to learn about careers in engineering and technology as it honors the many contributions engineers make to society. Dean Jean-Pierre Bardet has often said, “engineering is about helping others, connecting and making a positive difference in the world.” The 2019 EWeek proved his point!

For more information, please visit coe.miami.edu/news
Alumnus Advocates for Sustainability and Resilience

Michael Caballero, BSIE ’13 MSIE ’13, is the co-founder of #SmartMiami, a local non-profit working to train leaders in sustainability and resilience.

CoE Represented at Scholarship Donor Luncheon

The annual Scholarship Donor Luncheon honored those who have committed to supporting the next generation of students at UM, from former Dean Norm Einspruch and former Department of Electrical and Computer Engineering chair Kamal Yacoub, to Board of Trustees’ member Ana Veiga-Milton and Florida Power & Light Company’s Manny Miranda.

NASA Executive Honors Mentor, Women through Endowed Scholarship

As NASA celebrates the 50th anniversary of Apollo 11, the College of Engineering recognizes donor JoAnne Morgan, who was the only woman in the control room during the shuttle launch and went on to spend 30 years as an executive with the agency. In honor of her mentor, JoAnne endowed the Hugo M. Delgado Women in Engineering Scholarship.

CoE Alum Wins FES Young Engineer of the Year

Brett Fuller, BSCE ’09, a project engineer at Wantman Group, Inc., was selected by the Florida Engineering Society and the Palm Beach County Chapter of FES for the Young Engineer of the Year award. Awardedees are commended for their leadership in engineering, record of achievements in education, employment, professional and public service activities.

CORPORATE PARTNERS

Register to Attend the 2019 Senior Design Expo

Alumni, parents and industry professionals are invited to vote on more than 50 student capstone projects at the 2019 Senior Design Expo on April 29. For more information on sponsorship, please contact Lisa Merritt, executive director of development, at lmerritt@miami.edu.

FPL Wins Toppel’s Employer of the Year

Florida Power & Light Company (FPL) received the Toppel Career Center’s Employer of the Year Award for making significant contributions to the UM community through support of career programs, sponsorship of events and recruitment of students and alumni. In addition, engineering students won both undergraduate and graduate student of the year recognition. A special thanks to alumnus Manny Miranda, BSME ’82, for his commitment to connecting UM students with FPL. For more information about becoming a corporate capstone partner, please visit coe.miami.edu/capstone.