MESSAGE FROM THE DEAN

Students are entering the homestretch of another successful spring semester and the College of Engineering is gearing up for an eventful April. At eMerge Americas 2018 on April 23-24, we're showcasing our partnership with UM College of Engineering - Johnson & Johnson 3D Printing Center of Excellence Collaborative Laboratory.

At 5 p.m. on April 30, the College is holding the Second Annual Senior Design Expo! Join us at the Expo as seniors showcase their real-world, open-ended and interdisciplinary projects.

Thanks to all of you who helped us build on our tradition of innovation, research and education.

Jean-Pierre Bardet
Dean and Professor
An Inside View of Team Science

Drawing from his three decades developing the field of magnetic resonance imaging, Provost Jeffrey L. Duerk recently discussed the key role interdisciplinary teams play in innovation.

The Future of Energy

Onur Tigli, an associate professor of electrical and computer engineering, and his team of researchers are looking into reducing electrical device’s dependence on batteries by removing the batteries altogether and utilizing unused energy in the environment such as solar energy, radio frequency waves, temperature gradients and vibrations.
Advancing Discovery

Mansur Kabuka, professor of electrical and computer engineering, has received NIH funding to develop the tools that will enable researchers to upload, integrate, aggregate, and process the vast amounts of data key to making biomedical discoveries.

Double Honors

Emrah Celik, an assistant professor of mechanical and aerospace engineering, was appointed a 2018 Air Force Research Laboratory Summer Faculty fellow and awarded the Randy Stevens Scholarship to attend the 2018 Additive Manufacturing Users Group Conference—an honor awarded annually to only one university professor!
Engineering Students Finalists for DOE Race to Zero Design Competition

A multi-disciplinary team of students from the University of Miami College of Engineering have been selected as finalists for the 2018 U.S. Department of Energy (DOE) Race to Zero Student Design Competition for their innovative and affordable home concept, which is not only a net zero energy home, but also is resilient and adaptive to sea level rise.

Doctoral Student Receives Prominent PCA Research Fellowship

Sivakumar Ramanathan, a doctoral candidate in the Department of Civil, Environmental and Architectural Engineering, received the prominent Portland Cement Association (PCA) Research Fellowship used to identify outstanding candidates in the field of engineering and the physical sciences who are studying areas that advance the science and technology of cement and concrete.
Engineering Student Spends Spring Break Renovating Community in Brazil

Through the University of Miami Hillel’s extensive Alternative Break program, Justin Miller — a student in the College of Engineering’s Department of Civil, Architectural and Environmental Engineering — was able to take a break from his studies and give back to the community while immersing himself in their culture.

Studying Abroad in the Galapagos Islands: Arina Favilla, BSBME ’17

Arina Favilla, a biomedical engineering student, discusses how she spent her semester abroad studying in the Galapagos Islands.

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Studying Abroad: Mizelle Joy Hornilla, BSIE ’20 (Florence, Italy)

Studying Abroad: Tia Wong, BS/MSIE ’19 (Brighton, England)
Grandsons of late CDR. Donald C. Pette, Sr., USN, Ret., BSEE ’50 Meet Inaugural Scholarship Recipient

Brothers Dr. Gregory A. Pette and Geoffrey A. Pette, Esq., joined Ricardo Munoz, BSEE ’19, the inaugural CDR. and Mrs. Donald C. Pette, Sr. Memorial Scholarship recipient, at the men’s basketball game. The scholarship supports CoE students who are active-duty veterans, former military personnel or members of the ROTC. Munoz served for eight years in the United States Air Force prior to enrolling at CoE.

70 for 70 Giving Challenge a Huge Success

Because of the generosity of so many alumni, faculty, parents and friends, as of March 31, we have raised more than $97,000 for student scholarships. We are grateful for your support of the College of Engineering Scholarship Fund.
Five Alumni to Serve as Marshals for May Commencement

Ana (BSEE ’84) and Edward Cancio, PE, (MSIE ‘89,) Olga M. Cardet (BSEE ‘84), Pete Martinez (BSEE ’75) and Tom H. Wright, (BSEE ’73) have been selected to march in the academic procession at the May Commencement ceremony on Friday, May 11. Invitations are extended to current members of the James W. McLamore Society (annual gifts of $1,000 or more). The invitation is a token of our appreciation for their annual support and devotion to the College of Engineering and University.

New Virtual Networking Series for Alumni

Connect with ’Canes around the world during our new monthly virtual networking series, held on the last Wednesday of every month from 2-3 p.m. EDT. Join us for the next event of the series Wednesday, April 25!

College of Engineering Alumni Association Call for Leadership – Deadline is April 30

Empower the Next Generation of Female Engineers
ALUMNI NOTES

Zhongjun Jon Wu, Ph.D. ’96 (BME), has been named the Peter G. Angelos Distinguished Professor in Entrepreneurial Surgical Science at the University of Maryland School of Maryland School of Medicine. Click here for the full announcement.

Share the latest updates on your life with other College of Engineering alumni. Submit your alumni note to coealumni@miami.edu.

CALENDAR OF EVENTS

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<td>Apr 23</td>
<td>9:00 am</td>
<td>eMerge Americas 2018</td>
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<td>Apr 30</td>
<td>11:30 am</td>
<td>2018 HuRRI Seminar Series</td>
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<td>Spring 2018 Final Exams</td>
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<td>BME Seminar Series: Dr. Doug Weber</td>
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ON THE WEB

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