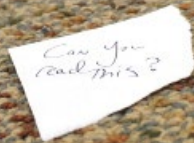


ECE Weekly

Ed. 6.13.16

The Ohio State University Department of Electrical and Computer Engineering

Big Data and the Communications Gap



Martinez wins \$900,000 HFSP research grant

ECE Professor **Aleix Martinez** recently won a three-year \$900,000 grant from the prestigious Human Frontiers of Science Program. The funding allows him to continue his work using Big Data to understand how the brain processes social interactions through the perception of facial features.

Story: <http://go.osu.edu/am-gap>

HELIOS continues fostering small business research

Since its construction in 2010, the HELIOS Laboratory at the ElectroScience complex continues in its quest to foster terahertz frequency research across Ohio. In this video, HELIOS administrators **Niru Nahar** and **Kubilay Sertel** explain the role of the lab and the benefits of opening up over \$3 million in technical equipment for academic and industry use alike. Why does this technology matter? We explain that as well. Find the new video at the link:

<http://go.osu.edu/helios>



Support the FEH Scholarship Challenge



Special note from ECE Campaign Committee Chair Bob Borel:

Over the next several weeks, ECE Campaign Committee members **Mark Morscher** and **Liza Toher-Reed** are working to take an ongoing Ohio State

University engineering scholarship challenge "over the top."

By raising \$8,000 before June 30, their efforts will become a reality.

The Fundamentals of Engineering Honors (FEH) Program at the university was created for students in 1993 to promote both technical engineering skills and critical "soft skills," such as team work, communication and project management.

Reed said taking part in FEH as an ECE student ultimately

transformed her professional future.

"I changed my major from math to join the FEH program, and was overwhelmed with the experience, the support and the camaraderie," she said.

Reed joined on with her fellow alumni to make an endowed scholarship that gives back to FEH and helps create even more future engineering leaders.

Borel said the FEH Scholarship Endowment Challenge was launched and ultimately raised \$42,000 for the FEH Program. He said the effort had two goals – provide younger alumni with a way to give in areas they feel passionate about, while simultaneously qualifying for the Ohio Scholarship Challenge.

Edging nearer to their goal, Borel said the department now has an opportunity to help by raising an additional \$8,000 for the campaign over the next three weeks.

"If we qualify for the Ohio Scholarship Challenge, the university will match the endowment payout for perpetuity," Borel said. "We need a total of \$50,000 cash in hand by June 30 to remain eligible."

To help the FEH Program meet its goals, follow the link: <http://go.osu.edu/feh>