

The ME Connection

UE Mechanical Engineering Newsletter

November 2021

"As engineers, we were going to be in a position to change the world – not just study it." - Henry Petroski

Changing Seasons

We can't believe the Fall semester is almost over! Our students have been busy interviewing for open positions, attending conferences, helping recruit, and more - all while diligently working on projects and coursework. We'd love to hear more of what our alumni are doing so we can help share your stories and celebrate with you!



Dr. Jared Fulcher

One thing that attracted me to UE's ME program was the UE Baja SAE team. As a student, I competed in the Baja SAE event for two years. During those competitions, we had to develop a Baja car that was capable of maneuvering in a body a

water. The bodies of water were usually man-made ponds, but the competition sometimes used natural rivers and lakes. The experience from participating in the Baja SAE competition as a student was invaluable. With the resources and the caliber of students UE attracted, I saw an opportunity to create a project that was both stimulating and knowledge building for students. I have advised the Baja project for the last 7 years, which has seen teams successfully compete each year.

From my experiences and UE student interest in SAE Baja, SAE Formula, and NASA Human Exploration Rover Challenge, I have developed a Vehicle Dynamics course, ME 414. The course covers basic design criteria and modeling of vehicle performance considering acceleration, braking, suspension, and steering. The students gain a basis for vehicle design parameters that are immediately put to use by teams in the design stage of senior projects.

Improving Our Online Presence – Work in Progress

As part of the combined College of Business and Engineering at UE, the School of Engineering and Computer Science is updating our online presence. We are building our following on LinkedIn, Facebook, and Instagram, with plans to begin updating these accounts with current happenings in SECS. To help build our online community:

You can follow the newly created SECS LinkedIn page. Sharing updates on LinkedIn can help build your network with other alumni and connect you with UE students to recruit for positions at your company.

<https://www.linkedin.com/company/school-of-engineering-computer-science-ue/>



You can also like and follow the SECS Facebook page, as well as find us on Instagram @ueengineering. <https://www.facebook.com/ueengineering> Feel free to share!

SWE National Conference (WE21)

Three members of UE's Society of Women Engineers (SWE) attended the world's largest conference for women engineers and technologists, held in Indianapolis this October. In addition to the workshops, panels, speakers, and informational sessions, the conference also included a career fair with more than 300 exhibitors.

"Having the opportunity to network with hundreds of companies all over the US was a great experience." -Haley



attendees: **Haley Dean (ME)**, Elisa Cardona *not pictured: Oluchi Ikwuegbu*



We want to celebrate our alumni!
Please submit a photo and short blurb to:

mechanicalengineering@evansville.edu



Student Spotlight: Engineering Ambassadors

Starting this Fall, the School of Engineering and Computer Science welcomed our first cohort of Engineering Ambassadors. These students enhance the recruitment and marketing efforts of the programs by actively engaging with prospective students. Engineering Ambassadors are available to meet with prospective students during campus visits, frequently leading individual tours of the engineering classrooms, labs, and workspaces in Koch Center. The Engineering Ambassadors also reach out to prospective students with additional information about their program and their experiences at UE.

We are excited to be actively including current students in the recruitment and marketing process. It's one thing to hear about our programs from faculty, but it builds another connection when folks hear about our engineering programs from current students. We would like to thank Rebecca Oates, the Director of Marketing and Recruitment for the College of Business and Engineering for starting this initiative!



Dalton Clark, Sam Weldon, **Justin Fritch (ME)**, Kyaw Htet
not pictured: Nicole Hemmersbach

Send us your business card!

We have seen other programs on campus display business card collections from alumni to show where graduates go after UE. We'd like to start our own collection to highlight the many opportunities and diverse career paths a UE ME degree can offer. Please mail us a past or present business card to be included. *Attn: UE Mechanical Engineering, Koch Center – Room 250, 1800 Lincoln Ave, Evansville IN 47722*

Congratulations Corner

Class of 2003 Congratulations to ME alumnus Jeff Summers on starting a new position as Principal Engineer, Construction –Facilities at Neuralink, Inc. in Austin, TX!



Class of 2022 Congratulations to ME junior, Riccardo Di Domenico for setting multiple records as part of the UE Men's Swimming and Diving team. He set 3 pool records this October (2 individual, 1 relay). Go Aces!

Happy Thanksgiving!