

The ME Connection

UE Mechanical Engineering Newsletter

September 2021

"I loved interacting with my professors and learning not only about engineering but also about leadership, career paths, and how to be successful. I feel prepared to enter the workforce and to use my degree to impact others in a positive way." - ME Alum

Gearing up for a new academic year

We were excited to welcome the incoming freshman class to campus last month as classes began for the 2021-2022 academic year! It was also great to see many familiar faces returning as sophomores, juniors, and seniors! The last 18 months have been challenging, but our campus community is working together to continue engaging in meaningful and impactful hands-on learning opportunities and life experiences. We are masked up this semester, and it is full steam ahead for our project teams. We look forward to keeping you updated with exciting news and announcements from the Mechanical Engineering program.

Help us spread the word!

We are looking for new ways to reach future engineers and would love your help. While we work on developing ME Alumni Ambassador materials to make promoting our program even easier, please check out the general information available at <https://www.evansville.edu/admission/referral-kit.cfm>



Dr. Unger in Turkey! (virtually)

David J. Unger, Professor of Mechanical and Civil Engineering, gave a televised talk during the 2nd International Workshop on Plasticity, Damage and Fracture of Engineering Materials, on August 19, 2021 in Ankara, Turkey. The title of his presentation was, "Yield Criteria Representable by Elliptic Curves and Weierstrass Form." A corresponding manuscript was submitted to the open access journal, Structural Integrity Procedia.



Congratulations to the newest members of the Order of the Engineer!

In May, UE held an initiation ceremony for graduates from the Class of 2020 and the Class of 2021. Some graduates were unable to attend, while others joined via Zoom. Initiates received a stainless steel ring to be worn on the fifth finger of their working hand after accepting the Obligation of an Engineer. Do you still wear your ring?



The **UE Baja** Design team placed 49th in the Baja SAE Knowledge Event out of 156 total schools and successfully completed the Baja Louisville – Validation Event in May 2021.

The **UE Thermosiphon** team made two National Conference on Undergraduate Research (NCUR) presentations in April 2021.

The **UE Rover** team researched, designed, and fabricated carbon fiber wheels for a human-powered rover. NASA cancelled the 2021 competition.

We'd love to share what our alumni are doing! Please submit a photo and short blurb about yourself to: mechanicalengineering@evansville.edu
You can share highlights from your career, highlights from your time at UE, advice for future engineers, or anything else you might think of.

Student Spotlight



My name is Ahmed Solaiman. I am a senior majoring in Mechanical Engineering and double minoring in Mathematics and Business Management. Since starting school at UE, I have gained a lot of knowledge and guidance, especially towards my career goals. With the help of my professors and the UE career center, I was able to get a job this summer at Berry Global, working as a Quality Assurance Engineering Intern. My supervisor at Berry is an alumnus of UE. He was the one that interviewed me for the position, and I worked closely with him during the summer.

The thing I enjoyed the most while working at Berry Global was the fact that I was able to apply what I learned in college to the real world. I feel like the courses and the professors have set me up for success. I used to complain when we were assigned a lot of reports or assigned to do 3D modeling analysis, but those turned out to be the most beneficial skills that I applied during my summer internship. I learned the value of proper documentation and how having CAD experience can expand what you can do as an engineer. I was assigned extra projects and given more responsibilities. Overall, I am excited for my senior year as I was extended an offer to continue working part-time at Berry and I am also the Lead Resident Assistant of Powell Hall!

Renewed ABET Accreditation

Every 6 years, the Mechanical Engineering program is evaluated by ABET, the accrediting body for engineering programs. After hosting a team of ABET Evaluators virtually this Spring, we recently received news that the ME program has received full re-accreditation through September 2027.

UE's Tradition of Philanthropy

As an alum, you likely receive regular communication from the Office of Advancement and the Alumni Association regarding ways to support the university. With all donations, you can specify where you want your gift applied. For example, you can support the student project teams within the School of Engineering and Computer Science by directing your gift to the Engineering Student Projects Fund.

Don't forget to include a designation if you want to ensure your support is going to a campus cause of your choice.

Thank you to many of you who responded to the ME Alumni Survey this summer. We hope to offer additional opportunities to connect based on your responses. Stay tuned!