

# The ME Connection

## UE Mechanical Engineering Newsletter

September 2022

*"I am, and ever will be, a white-socks, pocket-protector, nerdy engineer, born under the second law of thermodynamics, steeped in steam tables, in love with free-body diagrams, transformed by Laplace and propelled by compressible flow." — Neil Armstrong*

### A Fresh Start

While the Koch Center for Engineering & Sciences building on campus is accustomed to welcoming new (and returning) faces with the start of each academic year, it was the students welcoming a new face of Koch this time! The 2<sup>nd</sup> floor engineering spaces were refreshed with new flooring, paint, and some cosmetic changes to the interior. We will also be updating the displays and wall art that line the hallways and classrooms and staging a welcoming lounge area for students to take a break, have a snack, or work on homework and projects outside of class. Feel free to drop in and see the changes for yourself if you are in the area.

2<sup>nd</sup> floor alcoves, Koch Center classrooms KC270 and KC254



### ME 101: Introduction to Mechanical Engineering Students



### Professor Emeritus, Dr. Unger Publishes Research

Dr. David Unger recently published a technical article in ZAMP (Journal of Applied Mathematics and Physics) titled, "Generalized Tresca yield condition as a family of elliptic curves with application to mode I crack problems."

UE also welcomed students to a new residence hall this Fall. Check out the UE website or social media accounts for photos of the new student living spaces.



We want to share what our alumni are doing!  
Please submit a photo and short blurb to:

[mechanicalengineering@evansville.edu](mailto:mechanicalengineering@evansville.edu)



### Student Spotlight: Nick Gibson, Class of 2023



Nick is a senior in Mechanical Engineering and has been a member of the Thermosiphon team since freshman year. Internships have allowed him to explore a range of career options. His first internship was with Bowen Engineering, where he was a Field Engineer intern based in Missouri. His second internship was as a Reliability Engineering intern for AstraZeneca. Nick is currently a Corporate Project Engineering (CPE) intern at Berry Global.

*"Overall from my internship and school experiences, one of the better skills to have is being able to communicate and be confident. Often in internships they don't expect you to get everything right or know everything right away, so the main thing is the ability to communicate with your team, act confident or develop confidence, and be able to own up to your mistakes.."*

As a CPE intern at Berry Global, I work on a small team who specialize in different fields (i.e. HVAC, compressed air, electrical). Since we are a corporate team, I work primarily with Berry plants all across the US and provide technical support for them. I also run the team's compressed air leak study program where my main goal is to ensure that our plants are keeping up air leak studies to help save money and reduce energy losses. I have also worked on projects including managing and creating a Best Practices folder and summary for each pertinent field for our corporate team and running energy data analysis using data loggers from our injection molder and bottling machines.

### UE Alumni Events

You can find the dates for UE alumni events, such as Family Weekend or Homecoming, at [www.uealumnonline.com](http://www.uealumnonline.com)

### Congratulations Corner

#### Class of 2021

Congratulations to Zeke Garris on earning both his Lean Six Sigma, and Lean Six Sigma Sensei Certifications through Villanova University! Zeke is developing his engineering leadership skills as a Mechanical Engineer for Reynolds Consumer Products.



#### Class of 2021

Congratulations to David Becher on his new role as a Product Engineer for Kimball International! David is excited to use 3D modeling software and the SAP framework for BOM purposes while working on product designs.