

The ME Connection

UE Mechanical Engineering Newsletter

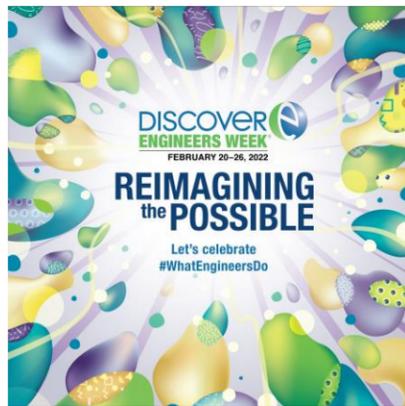
February 2022

"For me, it's almost magical being able to come up with ideas and then have them materialize."

*- Lonnie Johnson
engineer, inventor*

Revving up for 2022

Happy New Year! We are less than 100 days away from the Class of 2022 Commencement Ceremony when our current seniors will join the ranks of alumni. That means the next 100 days will be packed with fabrication and testing for senior project teams, job searches, graduate school applications, FE Exams, and maybe a hint of senioritis! Feel free to drop our current students a word of encouragement on the SECS Facebook or Instagram pages.



National Engineers Week (Feb 20-26, 2022)

Please join the School of Engineering and Computer Science on **Wednesday, February 23rd**, from **noon-1:00pm (CST)** as we explore the synergies between a technical engineering education and the broad world of project management and business development. Join UE Alumnus Jesse Schneider (Mechanical Engineering '06) as he delves into his pathway through career development and continuous education. This presentation will discuss opportunities and challenges facing both current students and alumni. Q&A to follow. More information about Jesse and the Zoom link for his EWeek presentation on can be found here: <https://www.evansville.edu/engineering/engineers-week.cfm>



National Engineers Week (EWeek) was founded in 1951 by the National Society of Professional Engineers (NSPE). For more information about EWeek and ways to participate and celebrate the profession, please check out the NSPE website: <https://www.nspe.org/resources/partners-and-state-societies/engineers-week>

We also encourage you to participate in Introduce a Girl to Engineering Day (Girl Day) as part of EWeek on February 24th, 2022, and sharing #WhatEngineersDo!



Welcome to Tonya Albright

Please join us in welcoming Tonya Albright as the new Administrative Assistant for the School of Engineering and Computer Science! Tonya earned BS degrees in both Accounting and Business Administration at UE, where she also met her husband who is an Electronics/Software Engineer for the US Navy (civilian). Tonya has been an active Scouter in both Girl Scouts and Scouts BSA for over 15 years and looks forward to getting involved in the local Scouting community. Tony and her husband share their love of UE with their six children and hope to have more Purple Aces in the family!

"I am really happy to be back at UE! While the campus has changed a lot in 30 years, the sense of family has remained." - Tonya

Adjunct Instructor Pool

Have you ever wanted to teach? The ME Program is looking to build our adjunct pool for occasions when help is needed. To be considered for adjunct opportunities, please email your resume and a brief statement of interest, including any specific course(s), to mechanicalengineering@evansville.edu. Course listings can be found on the ME webpage, and there is flexibility to propose relevant topics for ENGR 189-Technical Skills.



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

mechanicalengineering@evansville.edu



Media Spotlight:

Last semester we mentioned that Amazon's The College Tour was filming on campus for an upcoming episode featuring UE. If you missed the Watch Party and premiere, you can still view the full video on the UE website and the UE YouTube channel. You can also find the clip that mentions engineering, featuring ME student Justin Fritch, at the top of the ME webpage.

<https://www.evansville.edu/majors/mechanicalengineering/>

While you are on the ME webpage, you can also scroll to the bottom for two new videos featuring Dr. Layer and Dr. Lofton discussing the highlights of UE's ME Program. We invite you to 'like' and share these videos on your social media accounts to help us reach a wider audience and increase the ME Program visibility.

Engineering Career Forum

The 17th annual Engineering Career Forum was held on January 26, 2022. Students attended panel discussions and a networking reception with industry representatives. Thank you to the ME Alumni who participated in this event! If you'd like to build stronger relationships with UE's Center for Career Development, please contact Mr. Gene Wells and his team at career@evansville.edu to learn more about what they can offer employers.

"The Engineering Career Forum provides a great opportunity for students to interact with and learn from employers what they are really looking for in co-ops, interns, or new employees."

- Andrew Rister (Class of 2010), Duke Energy



Expanding what we know

Dr. David J. Unger's research was recently selected as the leading publication in *Procedia Structural Integrity*. The full PDF of "Yield criteria by elliptic curves and Weierstrass form" is available as an open access download at

<https://doi.org/10.1016/j.prostr.2021.12.041>

Congratulations Corner

Class of 2021 Congratulations to Sanjay Maharjan on his recent promotion to Chief Mechanical Engineer at Bancroft Automated Restaurant Systems, Inc. BARS Inc. is a Direct to Consumer (D2C) food robotics tech company.



Class of 2009 Congratulations to Heather Sturgeon on her new role as Fleet Equipment Reliability Manager at Xcel Energy! Heather has been leading teams in the nuclear industry since graduating from UE.