

2024 CEED AWARD WINNERS



Intern Student of the Year

Brad Hashbarger
University of Dayton

Brad Hashbarger is from St. Louis, Missouri, and a fourth-year student at the University of Dayton set to graduate in May of 2024 with a bachelor's degree in civil engineering, a minor in Sustainability, an Honors Program certificate, and a proud member of Tau Beta Pi. During his years as an undergraduate, he took various opportunities beyond the classroom, including a semester abroad at the National University of Ireland and held leadership positions in the student chapter of ASCE and AISC's Student Steel Bridge Competition. Carrying these into professional experiences, he began his first internship with the United States Army Corps of Engineers' St. Louis District in Hydraulics and Hydrology, analyzing levees, flood data, and drainage systems around vulnerable or low-income communities. The following summer, he accepted another internship with Kimley-Horn in Indianapolis. Brad produced construction document sheet sets, site plans, and proposals for commercial and transportation infrastructure development for organizations, including Starbucks, Chick-fil-A, and INDOT. Inspired by professionals, projects, research studies, and his time managing Dayton's Steel Bridge Design Team, Brad is pursuing a future in Structural Engineering, specifically in infrastructure and bridges, with his next step being toward graduate studies.

Benjamin Leslie is a senior undergraduate at the University of Pittsburgh studying Bioengineering and minoring in Chemistry. Following his junior year, Ben completed a fourteen-month-long co-op as a Human Factors Engineer at ZOLL LifeVest in Pittsburgh. While at ZOLL, Ben worked on designing the next generation of LifeVest Garments and also led a project to create and develop a skin model for off-body testing to inform Garment design. In addition to his co-op, Ben has worked in the Wagner/D'Amore Cardiovascular Engineering Lab within the McGowan Institute for Regenerative Medicine for over three years. His work within the lab focuses on developing tissue-engineered heart valve scaffolds that maintain applications in adult and pediatric heart valve replacement. Throughout this time, Ben has participated in numerous fellowships that have funded his work. He has also presented his work at three national research conferences. In addition to his lab work, Ben has also worked as a medical assistant at a local family health clinic for the past three years. He has also volunteered at the University of Pittsburgh Medical Center (UPMC) Presbyterian Hospital Emergency Department. In partnership with neurosurgeons at the University of Pittsburgh School of Medicine and UPMC, Ben co-founded a startup developing a novel surgical instrument combining suction and retraction tools into one device. The instrument looks to improve surgical efficiency, reducing operative time and ultimately offering improved outcomes. Ben also serves as the University of Pittsburgh Men's Ice Hockey team captain. Following his undergraduate education, Ben plans to attend medical school. He aims to become a physician-innovator who works at the interface of medicine and engineering. He hopes to pioneer some of the newest developments and innovations in medical devices, technologies, therapies, and treatments to improve patient outcomes.



Co-op Student of the Year

Benjamin Leslie
University of Pittsburgh

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This award honors Alvah K. Borman, Dean of Graduate Placement Services, Northeastern University, for his numerous outstanding contributions to engineering cooperative education over many years, including the founding and editorship of the *CEED Newsbriefs* from 1969-1979.

The Division allows for the presentation of one award every other year to Division members, past or present, who have made sustained, honorable, and meritorious contributions to the promotion of the philosophy and the practice of cooperative education in engineering and/or engineering technology.

The 2024 Alvah K. Borman Award is presented to Mary Andrade, Director of Career Development and Cooperative Education at the University of Louisville's Speed School of Engineering. Mary oversees the 95+-year-old mandatory co-op program that places students in more than 1,000 rotations each year in over 300 companies.

Mary Andrade has been with Speed School for 13 years and she has served ASEE and CEED in a number of roles such as treasurer, chair and ASEE program chair for the Cooperative and Experiential Education Division (CEED). One of her fellow CEED Board members attests that, "Mary aims to improve member participation, process flow, and increase membership. She also supports other board positions with her historical knowledge of CEED and her connections to CIEC and ASEE officers."

She has also presented at several conferences including CEIA (Cooperative Education & Internship Association), the ASEE national conference and the Conference for Industry and Education Collaboration (CIEC).

According to Sandi Brabb, CEED Chair, "Mary Andrade's unwavering dedication to cooperative education has not only shaped the future of students at the Speed School of Engineering, but has also left an indelible mark on the broader landscape of experiential learning and CEED, exemplifying the transformative power of hands-on experiences in paving the way for successful careers."

Please join us in celebrating the great accomplishments of Mary Andrade as the recipient of the 2024 CEED Division's Alvah K. Borman Award.



Thank you to our Student of the Year Sponsor, Daniel Vornhagen, for his generous support.