

Panel: Unlocking the Power of Entrepreneurial Mindset (EM) in the First-Year Experience

Dr. Stephany Coffman-Wolph, Ohio Northern University

Dr. Stephany Coffman-Wolph is an Assistant Professor at Ohio Northern University in the Department of Electrical, Computer Engineering, and Computer Science (ECCS). Previously, she worked at The University of Texas at Austin and West Virginia University Institute of Technology (WVU Tech). She is actively involved in community outreach with a goal of increasing the number of women in STEM and creating effective methods for introducing young children to CS concepts and topics. Dr. Coffman-Wolph's research interests include: Artificial Intelligence, Fuzzy Logic, Software Engineering, STEM Education, and Diversity and Inclusion within STEM.

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Meet the Panel

- Chair of the Panel: Blake Hylton
- Proposed Panelist: Blake Hylton (Ohio Northern University), Jack Bringardner (Colorado Mines), Kaitlin Mallouk (Rowan), and Krista Kecskemety (The Ohio State University)

Abstract and Description

Embark on a transformative journey into the realm of Entrepreneurial Mindset (EM) with our esteemed panelists. What is an Entrepreneurial Mindset (EM)? Defined as "a set of attitudes, dispositions, habits, and behaviors that shape a unique approach to problem-solving, innovation, and value creation" [1] by the Engineering Unleashed (KEEN) website, EM holds the key to amplifying engineers' technical skills. Join us to explore how EM empowers engineers to identify opportunities, target their impact, and consistently create value, all while embracing the 3C's: Curiosity, Connections, and Creating Value.

Our panelists, integral members of the KEEN Project known as EMIFY, will share their expertise and extensive experience in not only teaching first-year students but also in seamlessly integrating Entrepreneurial Mindset (EM) into the curriculum. The Entrepreneurial Mindset in First Year (EMIFY) Project aims to build consensus about the impact EM can have in first-year engineering programs, raise awareness of these impacts within KEEN, and develop and provide resources to first-year engineering educators nationwide.

Discover how effortless, enriching, and rewarding it can be to cultivate an entrepreneurial mindset from day one of the engineering journey. Harnessing the insights shared by our panelists, attendees will leave empowered to not only navigate the complexities of the modern engineering landscape but also to innovate, create value, and make a meaningful impact in their respective fields. Join us as we embark on this transformative exploration of Entrepreneurial Mindset (EM) and unlock the boundless potential it holds for the first-year experience and beyond.

What Attendees Will Gain

- A multifaceted understanding of Entrepreneurial Mindset (EM) and its pivotal role in engineering education.
- Learn to integrate EM seamlessly into first-year courses, empowering students to approach problem-solving, innovation, and value creation with a fresh perspective.
- Information on gaining access to valuable resources from KEEN / Engineering Unleashed, further enriching their teaching toolkit and enabling them to nurture the next generation of entrepreneurial engineers.

- Be equipped with practical strategies to foster an entrepreneurial spirit in their classrooms, thereby enhancing student engagement, critical thinking, and real-world applicability of engineering concepts
- Knowledge and inspiration to transform their teaching practices and cultivate a culture of innovation and creativity within their academic communities

Pillars: Entrepreneurial Mindset / Value Creation

References (Word Style: Heading 1)

[1] Engineering Unleashed, <https://engineeringunleashed.com/> (accessed Mar. 13, 2024).