**ONLINE Virtual Meeting**

**THURSDAY, August 11th, 2022 11AM-12PM (CST)**

**TOPIC**: Cultivating the Entrepreneurship Mindset in the Classroom

**SPEAKERS:**

Sabia Abidi, PhD Department of Bioengineering, Rice University

Julia Williams, PhD Department of English, Rose-Hulman Institute of Technology

**PRESENTATION:**  As engineering educators, the task of teaching entrepreneurship in the classroom can seem daunting. Fortunately, there are organizations such as Engineering Unleashed dedicated to training educators on how to incorporate more entrepreneurship mindsets into the classroom. In this presentation, we will answer the following:

* What is an Entrepreneurship Mindset?
* What resources does Engineering Unleashed have to offer?
* What are some examples of entrepreneurially-minded activities we can deploy in the classroom?

More specifically, we will discuss some of the recent entrepreneurially focused classroom activities deployed into a core curriculum physiology course for biomedical engineers and the potential impact. These activities include a problem-solving workshop, hands-on exercises and video creations.

**SPEAKERS:**

**Sabia Abidi** is an Assistant Teaching Professor in the bioengineering department at Rice University and teaches courses in Systems Physiology, Troubleshooting of Clinical Lab Equipment, and Senior Design. **She has been awarded internal and external funding to pursue classroom-based research. Abidi is involved in the development of a specialized unit for respiratory research to encourage open-source technical innovation and advances in global respiratory tech. Abidi has published in ASEE and** is committed to mentorship and STEM outreach through her advisory and mentor roles at Rice, IEEE WIE, and Big Brother/Big Sister. In her spare time, she enjoys taking things apart and keeping her boys out of trouble.

**Julia M. Williams** joined the faculty of the Humanities and Social Sciences Department at Rose-Hulman Institute of Technology in 1992, then assumed duties as Executive Director of the Office of Institutional Research, Planning, and Assessment in 2005. From 2016-19, she served as Interim Dean of Cross-Cutting Programs and Emerging Opportunities. In this role, she supported the work of faculty who create multi-disciplinary learning opportunities for Rose-Hulman students. Williams’ publications on assessment, engineering and professional communication, and tablet PCs have appeared in the *Journal of Engineering Education* and *IEEE Transactions on Professional Communication,* among others. She has been awarded grants from Microsoft, HP, the Engineering Communication Foundation, and National Science Foundation. Currently she supports the work of the Revolutionizing Engineering Departments (NSF RED) grant recipients, as well as serving as Project Director for the Embedding Entrepreneurial Mindset in Engineering Professional Societies (KEEN). She has received numerous awards including the 2015 Schlesinger Award (IEEE Professional Communication Society) and 2010 Sterling Olmsted Award (ASEE Liberal Education Division). She is the author of *Making a Change in STEM Education: The Change Maker’s Toolkit* (forthcoming in 2023 from Taylor & Francis).

*Organized by the Women In Engineering Affinity Group (WIE-AG) of Galveston Bay Section, Joint Societies Chapters and Consulting -AG, the presentation is open to all interested IEEE and non-IEEE members.*

***Registration*** *is needed by Wednesday August 10th, 2022 [Close of Business at 5:00 PM Houston Time] to receive login information and attend the complimentary presentation.*

*IEEE VTOOLS Registration is available at https://events.vtools.ieee.org/event/register/320938*

*You may also send registration request to Dr. Sabia Abidi at* [*sabiaabidi@gmail.com*](mailto:sabiaabidi@gmail.com) *indicating if you are an IEEE member and/or WIE member.*

Please check IEEE GBS website https://r5.ieee.org/gb/ for additional details and other section programs.