



**The Institute of Electrical and Electronics Engineers  
(IEEE)  
Galveston Bay Section  
WIE-AG and Joint Societies Chapter**



**ONLINE Virtual Meeting**

**Friday, December 18th, 2020 10:00 AM- 11:00 AM US-CDT(Houston-Chicago)**

**Topic: “Teaching effectively in the time of the pandemic”**

**Speaker: Dr Sabia Abidi, Rice University**

**Presentation:** The pandemic has presented major challenges in college education forcing lecturers to utilize creative techniques of teaching in person and remotely. I will discuss and demo some Canvas, Zoom and Google based techniques I have employed this past year in lecture, lab and design-based courses. In the spirit of active learning, participation is highly encouraged!

**PRESENTER:** Sabia Abidi is a lecturer in the biomedical engineering department at Rice University and has taught courses in Systems Physiology, Bioinstrumentation, Troubleshooting of Clinical Lab Equipment, and Senior Design. Abidi has a doctorate in biomedical engineering from the University of Texas, Austin. Her investigations utilized in vitro 3-D polymer scaffolds and notch ligand functionalized microbeads to scale up the production of T cells for therapeutic use. Abidi also completed postdoctoral research at NYU School of Medicine utilizing microbiological techniques for malaria research to characterize a unique Plasmodium phenotype – a triggering of parasite death at high densities. Prior to her appointment at Rice, Abidi worked as a postdoctoral associate in the Department of Materials Science and Engineering at MIT where she conducted research on using microfluidics for diagnosis and treatment of red blood cell related diseases. Abidi has 10 journal publications and 3 patent applications and was recently awarded a NASA grant to help design teams create a 3D printing database for long space flight missions. She is committed to mentorship and STEM outreach through IEEE WIE, Big Brother/Big Sister, serving as a judge for Rice related and Future City competitions. She currently chairs GBS WIE chapter and is Vice Chair GBS/EMBS Joint Chapter.

**THIS EVENT IS ORGANIZED BY IEEE/ Galveston Bay Section Women in Engineering Affinity Group, GBS, and GBS Joint Societies chapter. The presentation is FREE and open to all Interested IEEE and non-IEEE members.**

**Registration is required by Thursday Dec. 17<sup>th</sup> COB to attend.**

**FOR REGISTRATION GO TO <https://events.vtools.ieee.org/m/251384>**

**Log-in Information will be provided to all registrants.**