

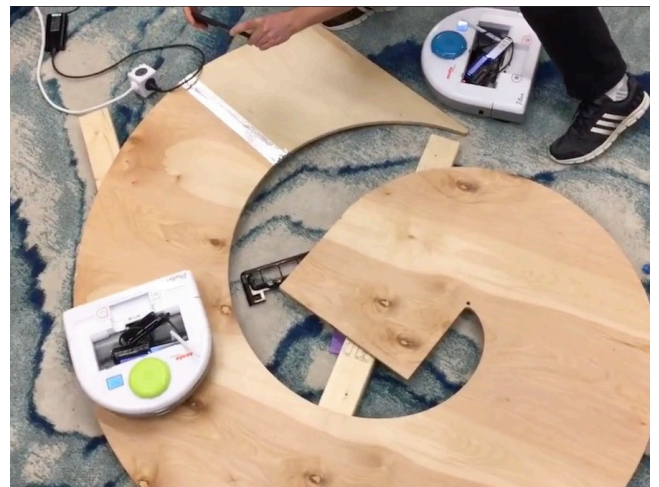
Online Seminar on Undergraduate Mathematics Education

Fostering engagement through interdisciplinary projects, collaborative teams, and scaffolded autonomy: Making math for everyone (and especially for engineers)

John Geddes, Olin College

Sarah Spence Adams, Olin College

In this talk, John and Sarah will discuss how fostering student engagement is a central theme of the mathematics curriculum at Olin College of Engineering. From day one, interdisciplinary projects and collaborative teaming experiences help cultivate student ownership in learning. Courses use increasing levels of autonomy in various ways to help keep motivation (and morale!) high. While a major goal of our curriculum is to develop students' project management skills alongside their quantitative analysis skills, we believe that nurturing an environment of joy and camaraderie inside our classrooms could be the most important ingredient for deep learning.



Noon ET, December 3, 2024

Zoom link: <https://cornell.zoom.us/j/92415199317>, passcode olsume

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