



Using Survey Data to Inform Engineering Student Retention Programming: A Case Study

Presenters: Jeff Hieb, Associate Professor - Engineering Fundamentals, University of Louisville

Description: The Guild for Engineering Education, Achievement, Retention & Success, GEARS, is a cross-functional group of faculty, researchers and students from Psychology, Education and Engineering. GEARS has been surveying freshman engineering students at the J.B. Speed School of Engineering since the fall of 2010 as part of a longitudinal study of engineering student retention. Members of the group have looked at a variety of different factors including mindfulness, motivation, and belonging. This session will cover the evolution of the GEARS survey, share results from several published studies, highlight some impacts on students, and discuss plans to use data science to analyze years of survey data.

Date: Thursday, August 9, 2018

Link: [Click here to see the video](#)