Catalyzing Departmental and Institutional Change: Challenges, Opportunities, and Rewards of Curricular Reform

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https://goo.gl/forms/uZMTcfAXLhIU1xXO2

Abstract: Barriers to curricular innovation and incorporating evidence-based pedagogical methods in the typical college classroom are substantial. This seminar will unfold the ups and downs of designing and implementing a new 4-year degree program and the challenges encountered along the way. Unexpected rewards and new opportunities have emerged as both departmental and institutional cultures have incrementally shifted to catalyze new conversations and target new goals for undergraduate STEM education.

Speaker: Dr. Tracy McGill is a celebrated chemical educator; among her many other initiatives, she has spearheaded the creation of a 'scale up' classroom in chemistry, implemented analytics from an adaptive learning system to enhance instructional design, and more recently, is one of the leads on a large HHMI-funded project aimed at (radically!) transforming the chemistry curriculum, with a pending publication in Journal of Chemical Education.

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