

You are cordially invited to attend

Wednesday, February 20, 2019

12:00 - 1:30 pm

CREATE for STEM Institute (115 Erickson Hall)

Michigan State University

(Light refreshments provided)

Susan Bobbitt Nolen

Professor & Chair of Learning Sciences and Human Development,
College of Education, University of Washington

Revolution in Engineering Education: Creating a more inclusive and meaningful environment for students and faculty

Abstract:

With an NSF Revolutionizing Engineering and Computer Science Departments (RED) grant, the School of Chemical, Biological and Environmental Engineering at Oregon State University seeks to create (1) a culture where everyone in the CBEE community feels valued and that they belong, and (2) to create a learning environment that prompts students and faculty to meaningfully connect curricular and co-curricular activities and experiences to each other and to professional practice. In this fourth year of the grant we are emphasizing embedding our learnings in the processes and routine practices of the School.

In this talk, I will provide an overview of the RED work and then a deeper dive into some of the curricular/instructional change efforts underway.

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More information on the RED project may be found at <http://cbee.oregonstate.edu/revolution>.



Susan Bobbitt Nolen is a Professor and Chair of Learning Sciences and Human Development in the College of Education at the University of Washington. Her main research interests are in designing environments to support engagement and in how motivation to learn develops over time in social contexts. Current projects include studying engagement in rigorous, project-based high school courses and how it might be supported and in creating inclusive, engaging environments in university engineering programs. A secondary interest is in assessment in schools, and the effects of various policies and practices on teacher and student motivation.

This speaker is part of the **CREATE Seminar Series**.

For more information, please visit

<http://create4stem.msu.edu/seminar-series>



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