

CRMSE Colloquium

Debra Carney

Teaching Professor in Applied Mathematics & Statistics
Colorado School of Mines

*My Scholarship of Teaching and Learning (SoTL)
Journey*

Friday February 10, 2023
12:00 noon to 1:00 pm PST
6475 Alvarado Blvd, Suite 128

In this presentation, I'll talk briefly about my path to a teaching faculty position in the Applied Mathematics and Statistics AMS Department at the Colorado School of Mines (Mines), describe the teaching faculty position and the supportive culture around teaching at Mines, and discuss three recent SoTL projects. The Colorado School of Mines is a medium-sized public R1 research university located in Golden, Colorado that is focused on science and engineering. Every undergraduate student at Mines takes the three-course calculus sequence (I, II, and III) and ordinary differential equations as required courses.

The SoTL projects that I will describe in this talk will include: (1) a team-based approach to developing a partially flipped linear algebra class; (2) a calculus II course redesign and supporting faculty through pedagogical change; and (3) a study of course coordination in the AMS department. The first two projects on linear algebra and calculus II have resulted in PRIMUS (Problems, Resources, and Issues in Undergraduate Studies) publications, and the third project on coordination is still in progress.

Zoom link:

<https://SDSU.zoom.us/j/88113677162>

Questions: crmse@sdsu.edu

