Lecture by Chelsea Salinas  
Adjunct Professor of Engineering Design

Design for Life-Long Learning

Fostering a Creative, Analytical and Engaging Classroom Environment through User Empathy Experiences

Chelsea focuses on teaching design thinking strategies at both the freshman and senior level. She earned her doctorate from the University of Colorado at Boulder in Chemical Engineering. Passionate about creating an engaging classroom, Chelsea has used active learning techniques to propel her students in top programs at the University of Pennsylvania and Duke University before coming to Mines.

Active learning has proven to be a particularly successful approach to engage students; however, the challenge remains how to further motivate them to have passion for projects beyond the classroom and throughout life. **User centered design is a robust approach to foster thinking strategies and can be utilized to harness that passion and instill in a student ever-present motivation, creativity and engaged learning.**

Let us harness the power of shadowing a nurse, sitting in on engineering planning meetings or discussing the inner workings of a chemical or manufacturing plant with an operator. Through meaningful exposure to users and hands-on learning, design educators can succeed in fostering the development of creative engineers, technology innovators and designers for life.

**Monday, February 4th  
12:00 pm – 1:00 pm  
Hill Hall 211**