

Division of Biological Sciences Seminar Program presents:
The Science of Teaching:
Evidence-Based approaches in Biology Education

The Influence of Humanizing Education to Broadening Participation in STEM Careers



Dr. Mica Estrada

University of California, San Francisco

Thursday, February 4,
11:00 AM – 12:00 PM

To join the seminar, CLICK HERE:

<https://ucsd.zoom.us/j/96560414939?pwd=ankwNG1WUisvWFhjd0NzcW90dW5DUT09>

Meeting ID: 965 6041 4939

Password: 544733

NOTE: You must be signed into Zoom to join the seminar.

Abstract: African Americans, Latinos, and Native Americans are historically underrepresented (HU) among Science, Technology, Engineering and Mathematics (STEM) degree earners and career pathways. Why do we stay and why do we go? Viewed from a perspective of social influence, the pattern suggests that HU people do not become part of STEM communities at the same rate as non-HU students. Building on Kelman's (1958, 2006) tripartite integration model of social influence (TIMSI), Dr. Estrada will talk about how this model has been used to understand how people orient to their discipline communities and how this relates to persistence in those career pathways years after completing their college degree. By longitudinally tracking and examining psychosocial variables, we are better able to see what types of STEM training programs and mentorship are more likely to result in students persisting in STEM career pathways. Further, she will talk about how institutional policies and climate that provide kindness cues that affirm social inclusion may impact the integration experience for HU college students, faculty and administrators.

Hosted by: Corinne Moeller (cmoeller@ucsd.edu)