



CRMSE Colloquium Announcement



Effect of Female Peer Role Models on Math Students Sense of Belonging and Self Efficacy

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Friday, March 17, 2017
1:00-2:00 pm
6475 Alvarado Road, Suite 128

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Abstract: Researchers have argued that one key reason for the underrepresentation of women and ethnic minorities in STEM is because they often grapple with the reality that there are few people who “look like me” in STEM. Seeing few others in their STEM environment leads them to be concerned that they do not belong in STEM. Our past laboratory research suggests that exposure to ingroup similar others who represent success in STEM (i.e., math-talented peer female role models) may alleviate these concerns. Utilizing knowledge from our laboratory work on peer role models we implemented a peer role model program at SDSU’s Precalculus and Calculus I classrooms. I will present empirical findings from two semesters of implementing our program. The results show consistent patterns in how peer role models affect students in real world math classrooms.