CRMSE Colloquium Announcement

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Talking about Mathematics and Teaching: Collegial, Intra-Departmental Approaches to Math-Based Professional Development

Wednesday, February 27, 2013
1:00 – 2:00 pm
6475 Alvarado Road, Suite 128

RSVP: https://crmse.wufoo.com/forms/crmse-colloquia/ or Karen Foehl Palmer, kfoehl@sciences.sdsu.edu

Abstract: I will discuss two projects that bring together mathematicians and mathematics educators with a focus on both teaching and mathematics. In the first a small group of mathematicians and mathematics educators meet regularly to discuss ‘slices’ of a video recording of a lecture given by one of the group. It started out as a funded research project that was successful so has expanded to create more groups within the math department. I will discuss how we set it up, what we feel the key ingredients of such a programme are, and some findings. In the second I have worked with three mathematicians as we changed the mode of delivery of our courses to Team-Based Learning (TBL). TBL is rarely used in Mathematics despite being a well-established mode of delivery in the Health Sciences and Business with characteristics that should, we believe, make it attractive to Mathematicians. Our observations and research indicate its potential in stimulating both student and lecturer learning.