



## CRMSE Colloquium Announcement

Lisa Clement Lamb and  
Jessica Pierson Bishop

SDSU School of Teacher Education

### Witches, Astrology, and Negative Numbers

Friday, December 9, 2011

1:00 – 2:00 pm

6475 Alvarado Road, Suite 128

**RSVP:** <https://crmse.wufoo.com/forms/crmse-colloquium/> or  
Karen Foehl, [kfoehl@sciences.sdsu.edu](mailto:kfoehl@sciences.sdsu.edu)

Abstract: What do witches, astrology, and negative numbers have in common? Come to the talk to find out! We will share initial findings from our research investigating K-12 students' conceptions of integers and show a variety of video clips that highlight different ways of reasoning. These include order-based, magnitude-based, and computationally-based approaches. Some students also leveraged mathematical formalisms to solve problems. The audience will consider potential limitations and affordances of these ways of reasoning about negative numbers. At our next colloquium, we will discuss the similarities among and between werewolves, academicians, and soccer moms.

