

## The Sowder Mathematics & Science Education Research Seminar Series 2018

Sponsored by the joint PhD program in Mathematics and Science Education (MSED) at the University of California San Diego and San Diego State University, as well as a charitable gift from Judy and Larry Sowder.



**Social Semiotics and Its Implications for Instructional Design** 

## **Michelle Stephan**

Associate Professor of
Mathematics Education
University of North Carolina, Charlotte

Monday, January 29, 2018 10 - 11 am, UCSD Pacific Hall 4500



**Research to Practice:** How Contrasting Molecular Animations Influence Students' Understanding of Chemical Reactions

## **Resa Kelly**

Professor Department of Chemistry San Jose State University

Monday, February 12, 2018 10 - 11 am, UCSD Pacific Hall 4500



**Spatial and Diagrammatic Reasoning in Chemistry** 

## **Mike Stieff**

Associate Professor Department of Chemistry The University of Illinois at Chicago

Monday, March 5, 2018 10 - 11 am, UCSD Pacific Hall 4500



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