

MATHEMATICS & SCIENCE EDUCATION RESEARCH SEMINAR SERIES 2015



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**Friday
January 23, 2015**

9:00 –10:30 am

**UCSD
Natural Sciences
Building Auditorium
(Room 1205)**

How Curriculum Matters for Teaching and Learning

ABSTRACT

In this presentation, I will start with a discussion of the conceptualization of the New NCTM Handbook of Research on the Teaching and Learning of Mathematics. Then, my focus will be on how curriculum matters for teaching and learning based on the curriculum chapter in the handbook and our own NSF-funded LieCal Project. Through an in-depth examination of historical methodological/theoretical milestones in research on curriculum, I will particularly discuss the methodological challenges in this line of research and then point out a few directions for future research.

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