

School of Education Colloquium Series
**Community and Informal
Approaches to Teaching, Learning,
and Teacher Education**

November 1, 2017

1:25-2:25 p.m.

Willard Hall 207

Featuring
Ricardo Nemirovsky
*Manchester Metropolitan University
Manchester, UK*

Informal Mathematics Education: The Growth of New Avenues for Mathematics Learning



Nemirovsky's work focuses in part on the synergy between art and mathematics. He works with several science and art museums in mathematics-oriented projects that combine research, development, and museum staff professional development. In addition to research papers, he has co-authored curricular units and has designed multiple devices for students' use.

Informal learning encompasses a wide range of activities and institutional settings, including museums, after school programs, summer camps, street fairs, community centers, art festivals, and sport facilities. Learning in informal settings is often non-compulsory, free of standardized testing, unconstrained by curricular mandates, and related to the work of experts in different fields. Over the last 20 years, informal mathematics education programs have multiplied worldwide. In this presentation, Nemirovsky will review this growing movement and discuss arising challenges and opportunities, including its complex relationships to school mathematics. He will also share data and reflections from a program at an art museum, attended by 9 and 10 year-old children who volunteered to participate.

Ricardo Nemirovsky is a professor at the Manchester Metropolitan University in Manchester, UK. He has directed educational projects in Argentina, Mexico, USA, and currently in Europe. He is conducting research and theory development on the interplay between embodied cognition, affects, and mathematics learning.