

DISTINGUISHED LECTURER SERIES

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Learning Research in Science and Mathematics: A Comparative Perspective

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12:30–1:30pm

6495 Alvarado Road, Suite 200A, Room 22

Reception at Noon

Questions? Contact Lisa.Lamb@sdsu.edu

<http://www.sci.sdsu.edu/crmse>

Wolff-Michael Roth publishes widely and in different disciplines, including linguistics, social studies of science, and different subfields in education. He is the author of more than 300 articles, papers, books, and book chapters. He has received numerous awards for his scholarly work, including the 2005 Mouton d'Or award and Outstanding Paper at the Emerald Literati Network Awards for Excellence 2006 for the best paper in SEMIOTICA and the Journal of Workplace Learning respectively. In recognition of his noteworthy contributions to educational research in Canada, he was honored with the 2006 Whitworth Award for Education Research from the Canadian Education Association



Abstract: For the past two decades, I have conducted research on learning both in science and in mathematics and across the life span. My research has been published not only in mathematics and science education journals but also in venues serving learning science researchers, (educational) psychology, applied linguistics, sociology, cognitive anthropology, and the history and philosophy of science. At the same time, I have reviewed for more than 40 journals in these and other disciplines, have served as associate editor, and now co/edit three international journals—one focusing on the cultural studies of science education; an interdisciplinary journal concerned with the intersection of mind, culture, and activity; and one concerned with qualitative research method and methodology. I have also published repeatedly on different aspects of doing and publishing research, including the peer review process, publication practices, and funding decisions. In this talk, I articulate some of the similarities and differences between learning research in science and mathematics education from the larger perspective of my research within and across different disciplines. The particular similarities and differences in the domains of interest thereby come to be contextualized within the social sciences more generally. In my talk, I focus on (a) typical theories and concepts, (b) research methods employed, (c) narrative formats chosen to represent research, (d) publication practices, and (e) other characteristic aspects.