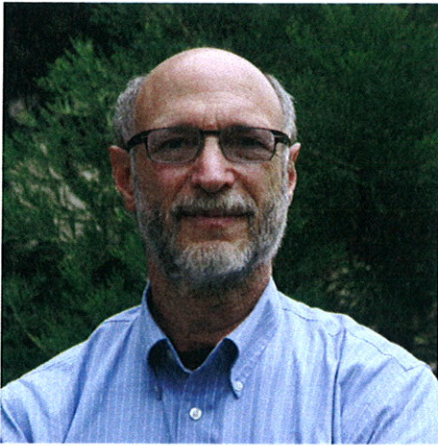


You are cordially invited to attend the
Lappan-Phillips-Fitzgerald Lecture
Presented by:

Dr. Alan Schoenfeld

Elizabeth and Edward Conner Professor of Education, and
Affiliated Professor of Mathematics, University of California, Berkeley
2011 Felix Klein Medal for Lifetime Achievement in Mathematics Education

Discussant:
Milos Savic



Thursday, March 28, 2013

3 – 3:30 p.m. Reception

3:30 – 5 p.m. Lecture

252 Erickson Hall, MSU

What Counts in Mathematics (Especially Algebra) Classrooms?

For the past four years an MSU team led by Bob Floden has worked with a Berkeley team led by Alan Schoenfeld on the “Algebra Teaching Study.” The challenge is (a) to understand and capture powerful algebraic thinking, and (b) to understand the kinds of instructional environments that lead to it. Floden has addressed the former in this forum; Schoenfeld will try to address the latter. The question is: Can we come up with a framework (and a rubric) for looking at what happens in mathematics classrooms, that (we think) relates clearly to student learning? (Note, “we think” because this is an empirical question we’re exploring.) The goal of the talk is to discuss both the evolution of the scheme – the major challenges, and the many false starts in efforts to hone in on what’s important – and to illustrate how it works. Schoenfeld will also talk about possible uses of the scheme for coaching and professional development.

Alan Schoenfeld is a Fellow of the American Association for the Advancement of Science and the American Educational Research Association, and a Laureate of the education honor society Kappa Delta Pi. He served as President of the American Educational Research Association and Vice President of the U. S. National Academy of Education. Schoenfeld has written more than 200 books and articles. Two of the most important are his books *Mathematical Problem Solving* and *How We Think*.

Schoenfeld’s Ph.D. is in mathematics; he loves math and wants kids to experience it the right ways. He volunteered in his daughter’s math classes all the way through school. Alan helped build Berkeley’s Masters and Credential program in Math & Science Education, MACSME. He’s worked on problem solving, teaching, assessment, and professional development since before the first world war (well, since 1975), and has partnered at various times with Berkeley, Oakland (California), and San Francisco Unified School Districts to try to help teachers and kids get as much out of math as possible. He’s delighted to be here.

The Program in Mathematics Education sponsors this event.