A Tribute to the Career of Dr. Judith Sowder: Linking Research and Practice in Mathematics Education

Work in the field of mathematics education ranges from the theoretical to the practical. Occasionally a scholar develops the research expertise to serve as a leader in the field and, simultaneously, has the passion and commitment to find ways to link a deep understanding of research with critical issues of practice. Professor Judith Sowder is a personification of such a commitment. The presentations at this conference will address issues related to linking research to practice in mathematics education and pay tribute to a colleague whose leadership was instrumental in promoting the field nationally, while committed locally to SDSU’s Center for Research in Mathematics and Science Education.

Friday Schedule

2:30 p.m. Opening Reception

3:15 p.m. Welcome to the Event
• Ricardo Nemirovsky, SDSU CRMSE Director
• SDSU TBD

3:30 p.m. Keynote
• Randy Philipp, San Diego State University
  The Human Dimension of Linking Research and Practice: The Professional Life of Judy Sowder

4:10 p.m. Opening Panel
Presentations
• Mary Lindquist, Columbus State University
  SOS: Judy to the Rescue
• Alfinio Flores, University of Delaware
  Building a Professional Knowledge Base From Research and Practice: The Impact of Judy Sowder

Discussants
• Karen King, National Council of Teachers of Mathematics (NCTM)
• Frank Lester, Indiana University

5:30 p.m. Brief Closing Remarks
Saturday Schedule

8:00 a.m.  Welcome
  •  Welcome by Joanne Lobato, SDSU MSED Director

8:00 a.m.  Graduate Student Poster Session
  •  Spencer Bagley, MSED Doctoral Student
    Inverse, composition, and identity: The case of function and linear transformation
  •  Bridget Druken, MSED Doctoral Student
    Children’s Symbolizing Activities and Tool Use with Negative Integers
  •  Jess Ellis, MSED Doctoral Student
    Student Reasoning About Linear Transformations
  •  Mike Fredenberg, MSED Doctoral Student
    Gauging Prospective Teachers’ Interpretations of the Common Core Standards for Mathematics (CCSS-M)
  •  Molly Kelton, MSED Doctoral Student
    Learning Mathematics in Museums
  •  Jen Lineback, MSED Doctoral Student
    Characterizing "redirections": A method to describe teacher change

9:10 a.m.  Keynote
  •  Nadine Bezuk, SDSU CRMSE Associate Director
    Learning With, From, and For Teachers

9:45 a.m. – 10:00 a.m.  Break

10:00 a.m.  Keynote
  •  Pat Thompson, Arizona State University
    Nice People Do Finish First: Judy Sowder as Friend, Mentor, Colleague, and Leader in the Field

10:50 a.m.  Panel Reprise
  Presentations
    •  Karen King, National Council of Teachers of Mathematics (NCTM)
      The Legacy of Judy Sowder and Linking Research and Practice at NCTM
    •  Frank Lester, Indiana University
      In Pursuit of Practical Wisdom in Mathematics Education

  Discussants
    •  Mary Lindquist, Columbus State University
    •  Alfinio Flores, University of Delaware

12:00 p.m. –1:30 p.m.  Lunch and Closing Session
12:45 p.m.
• Ed Silver, Dean, University of Michigan-Dearborn
  On the Shoulders of Useful Metaphors and Giant Ideas: Building on the Work and Example of Judith Sowder