Celebration of Two Major ASEE Milestones

2011 ASEE Annual Conference and Exposition
Vancouver, British Columbia • Monday, June 27, 2011

Creating a Culture for Scholarly and Systematic Innovation in Engineering Education
Ensuring U.S. engineering has the right people with the right talent for a global society

2009 ASEE Annual Conference and Exposition
Austin, Texas • Tuesday, June 16, 2009
One BIG Idea; Two Perspectives

Jamieson & Lohmann (2009)

Engineering Education Innovation
Karl Smith’s Innovation Story: Cooperative Learning

Illustrations by Lila M. Smith, ca. 1975
Agenda

• Introduction, Purpose, and Overview
  – Karl Smith, Purdue University/University of Minnesota

• Active/Cooperative Learning
  – Michael Prince, Bucknell University

• Service/Problem-based Learning
  – Khairiyah Mohd Yusof, Universiti Teknologi Malaysia

• Reflection (~1 minute)

• First-year Engineering Design Courses
  – Jacquelyn Sullivan, University of Colorado, Boulder

• Interdisciplinary Capstone Courses
  – Arnold Pears, Uppsala University

• Reflection (~1 minute)

• Assessment of Conceptual Understanding
  – David Darmofal, MIT

• Systematic Formative Assessment
  – Anna Dollár, Miami University

• Reflection (~1 minute)

• Close – Follow Up Sessions
  – Monday, 6 PM, Engineering Education Research Community
  – Wednesday, 10:30 AM, Jamieson/Lohmann Report