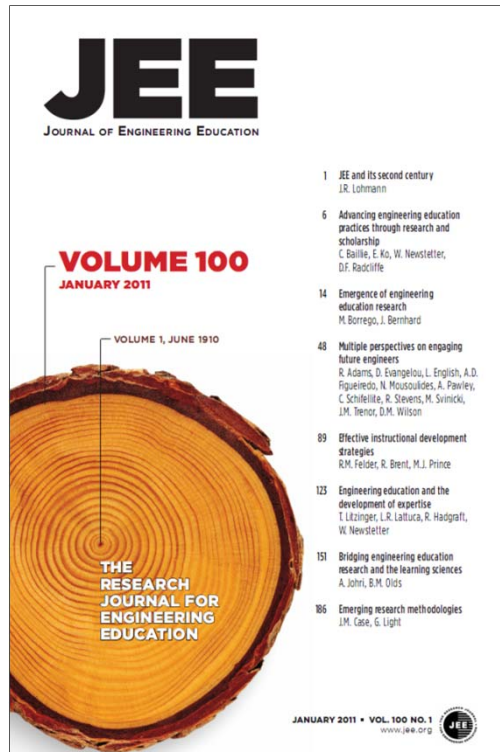


Celebration of Two Major ASEE Milestones



The image shows the ASEE logo, which consists of the letters 'A', 'S', 'E', and 'E' arranged in a square pattern, with 'AMERICAN SOCIETY FOR' above and 'ENGINEERING EDUCATION' below. To the right of the logo, there is text about the 2009 ASEE Annual Conference and Exposition. The text is centered and reads: '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', and '2009 ASEE Annual Conference and Exposition Austin, Texas • Tuesday, June 16, 2009'. The background of the slide is white with a maroon vertical bar on the left and a light green vertical bar on the right.

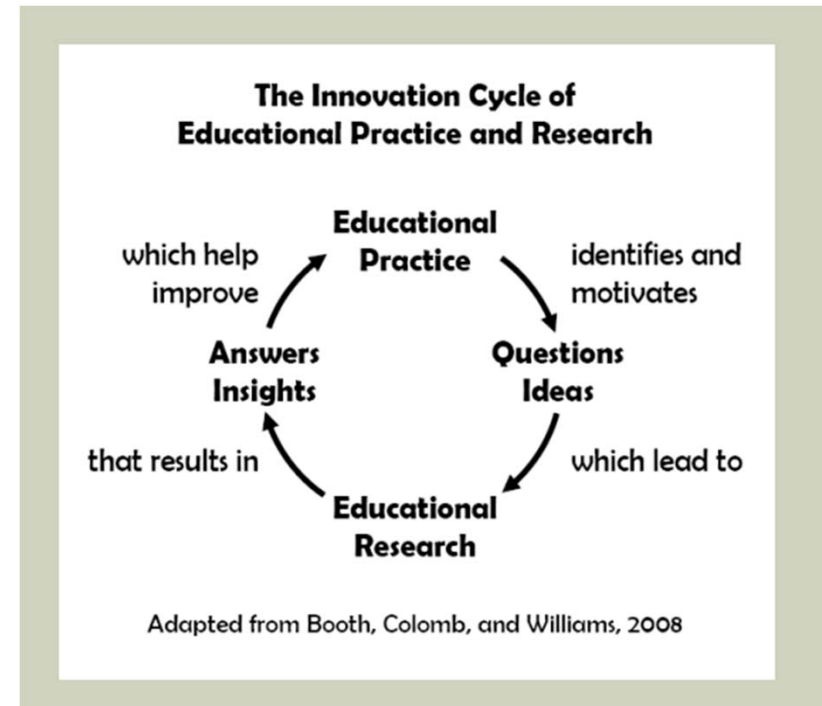
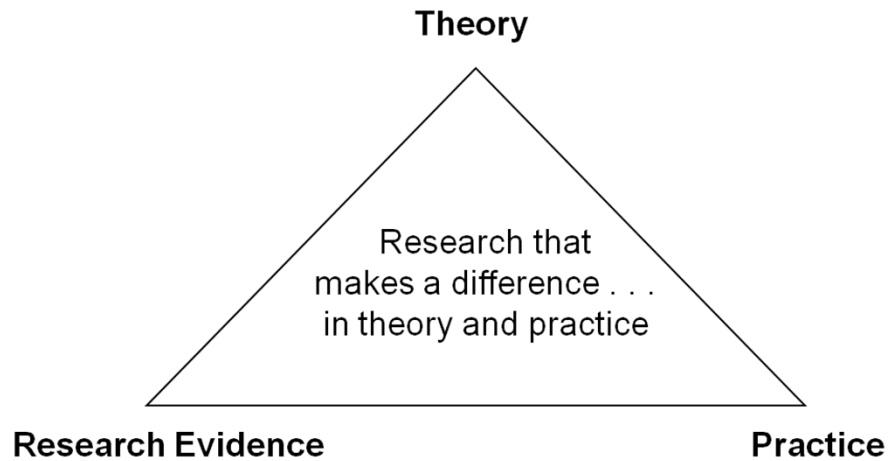
Creating a Culture for Scholarly and Systematic Innovation in Engineering Education

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

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

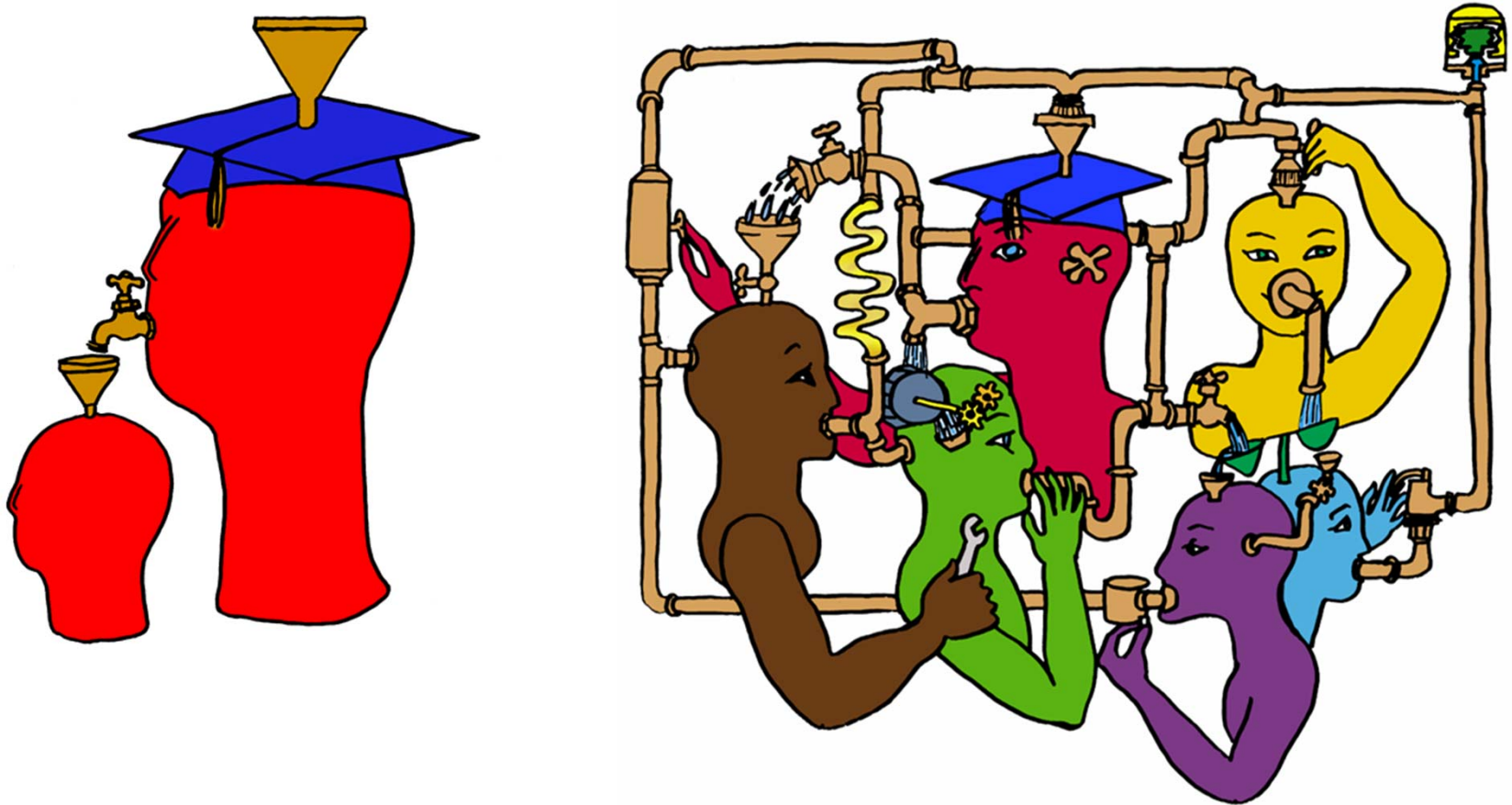
One BIG Idea; Two Perspectives



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