

**THE NATIONAL ACADEMIES
NATIONAL RESEARCH COUNCIL
BOARD ON SCIENCE EDUCATION
DISCIPLINE-BASED EDUCATION RESEARCH: UNDERSTANDING AND IMPROVING LEARNING IN
UNDERGRADUATE SCIENCE AND ENGINEERING**

**Report Release Event
National Academy of Sciences
2101 Constitution Ave, NW
Washington, DC 20418
Thursday, November 8, 2012
1:00 PM – 6:00 PM**

- 1:00 PM** **Welcome, Introductions**
- Martin Storksdieck, National Research Council
- 1:15 PM** **Keynote Address: Current Efforts to Improve Undergraduate Science and Engineering Education**
- Tobin Smith, Association of American Universities
- 1:45 PM** **Overview of NRC Report *Discipline-Based Education Research: Understanding and Improving Learning in Undergraduate Science and Engineering*:**
- DBER committee chair Susan Singer, Carleton College
- 2:15 PM** **Panel Discussion: The Implications of DBER and Related Research for Improving Science and Engineering Education**
- Carl Wieman, University of British Columbia
 - DBER committee member Melanie Cooper, Clemson University
 - Bruce Herbert, Texas A&M University
- 3:00 PM** **Panel Discussion: Promoting Research-Based Instructional Practices in Undergraduate Science and Engineering**
- Ann Austin, Michigan State University
 - Myles Boylan, National Science Foundation
 - Kacy Redd, Association of Public and Land Grant Universities
- 4:00 PM** **Panel Discussion: Advancing DBER as a Field of Inquiry**
- Cynthia Bauerle, Howard Hughes Medical Institute
 - Bob Hilborn, American Association of Physics Teachers
 - Lorrie Shepard, University of Colorado
 - DBER committee member Karl Smith, University of Minnesota
- 4:45 PM** **Wrap-up**
- 5:00 PM** **Informal Debriefing (refreshments served)**