

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)