

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Science Investigations and Engineering Design for Grades 6-12

Lecture Room

National Academy of Sciences Building
2101 Constitution Ave NW, Washington, DC

November 2, 2017

- 10:00 am **Welcome**
Heidi Schweingruber, Director, Board on Science Education
- Overview of the Workshop**
Nancy Songer and Brett Moulding, co-chairs
- 10:10 am **Engaging Students in Investigations-How Students Use Evidence**
Ravit Golan Duncan, Rutgers University
- 10:45 am **The Teacher Role**
Matt Kloser, University of Notre Dame
Commentary: *Stacey van der Veen, NGSSPD Consultants*
- 12:00 pm **Lunch**
- 1:00 pm **Inclusive Pedagogy for Investigations**
Megan Bang, University of Washington, Seattle (participating virtually)
- 1:35 pm **Panel on Professional Development**
Lizette Burks, Kansas State Department of Education (participating virtually)
Susan Gomez Zwiap, California State University, Long Beach
Wil van der Veen, Raritan Valley Community College
- 3:05 pm **Break**
- 3:30 pm **The Role and Impact of Technology on Teaching Investigations**
Scott McDonald, The Pennsylvania State University
- 4:05 pm **Panel on Engineering Design**
Christian Schunn, University of Pittsburgh
Tamara Moore, Purdue University
John Kamal, Science Leadership Academy @ Center City
- 5:20 pm **Thank you, Reflections, and Concluding Remarks**
Nancy Songer and Brett Moulding
- 5:45 pm **Reception and Networking (Lecture Room and East Court)**
- 7:30 pm **Adjourn**