

**THE NATIONAL ACADEMIES
NATIONAL RESEARCH COUNCIL
BOARD ON SCIENCE EDUCATION**
STRENGTHENING K-12 SCIENCE EDUCATION THROUGH A TEACHER LEARNING CONTINUUM

**First Committee Meeting
Keck Center, Room 109
500 5th Street, NW
Washington, DC 20001**

PUBLIC AGENDA
October 30-31, 2012

Tuesday, October 30

CLOSED SESSION

9:00 AM – 9:50 AM

OPEN SESSION

10:00 AM Welcome, Introductions, Overview

- Committee chair *Suzanne Wilson* (Michigan State University)
- *Heidi Schweingruber* (Deputy Director, Board on Science Education, National Research Council)

10:15 AM *A Framework for K-12 Science Education: Overview and Examples of Instruction Based on the Framework*

- *Brian Reiser* (Northwestern University)
- Clarifying questions from committee

11:05 AM The Current State of Curriculum and Instruction

- Panel discussion with committee members *Betsy Davis* (University of Michigan), *Kathy Roth* (Biological Sciences Curriculum Study), *Mark Windschitl* (University of Washington), and *Carla Zembal-Saul* (Pennsylvania State University)
- Response from *Margo Murphy* (Camden Hills Regional High School, Maine)
- Discussion with full committee
- Audience Q&A

12:30 PM Continue discussions over lunch

1:15 PM National, State, and District Policy Contexts

- Panel discussion with committee members *Patrick Shields* (SRI International), *Warren Simmons* (Brown University), and *James Wyckoff* (University of Virginia).
 - Moderator: Committee member *Barbara Miller* (Education Development Center)
- Discussion with full committee

1:45 PM The Current State of Knowledge on Induction and Professional Development for Science Teachers

- Presentations by committee member *Julie Luft* (University of Georgia) and committee chair *Suzanne Wilson* (Michigan State University)
- What we know about professional development and induction in other fields (e.g., literacy, math, teaching diverse populations): Responses from committee members *Judith Warren Little* (University of California, Berkeley) and *Kris Gutierrez* (University of Colorado, Boulder)
- Discussion with full committee
- Audience Q &A

3:15 PM Break

3:30 PM Discussion of Charge with Sponsor

- *Margo Bartiromo, Director of Education Programs, Merck Institute for Science Education*

4:15 PM Adjourn open session

CLOSED SESSION

4:20 PM – 8:30 PM

Wednesday, October 31

CLOSED SESSION

9:00 AM – 3:00 PM