

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

DIVISION OF BEHAVIORAL AND SOCIAL SCIENCES AND EDUCATION
Board on Science Education

Call to Action on Science Education K-16

April 8, 2021

Public Sessions

3:30 -6:00pm Eastern Time

- 3:30 p.m. **Welcome**
Margaret Honey, New York Hall of Science (Committee Chair)
- 3:35 p.m. **Creating Quality Science Learning Experiences for Post-Secondary Students**
What does a quality undergraduate learning experience look like?
What policies can make them more common?
- Moderator: Susan Singer**, Rollins College (Committee member)
 Panelists:
 Tam’ra-Kay Francis, University of Washington
 Patrick Killion, University of Maryland
 Sarah Fortner, Science Education Resource Center, Carleton College
- 4:15 p.m. **Developing Professional Expertise for High Quality Science Learning Experiences in K-12**
How could policy actions improve pre-service teacher education?
What policies can help diversify the teaching profession?
What policies can help provide teachers with the professional development and resources they need to provide quality learning experiences?
- Moderator: Nancy Hopkins-Evans**, Instruction Partners (Committee member)
 Panelists:
 Suzanne Wilson, University of Connecticut
 Elisha Smith Arrillaga, Ed Trust
 Susan Gomez-Zwiep, BSCS
 Sarah Pinsky, National Board for Professional Teaching Standards
- 5:15 p.m. **Sharing and Hearing Input from the Field**
- **Heidi Schweingruber**, National Academies
 - A snap shot of some of the input we have received so far
 - **Erika Shugart and Beth Allan**, National Science Teaching Association
 - Input from NSTA members
 - Attendees will have a chance to help identify the most important issues for the committee to consider through an interactive session.
- 5:55-6:00 Closing Comments
Margaret Honey