

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Agenda

Recognizing and Evaluating Science Teaching in Higher Education
Roundtable on Systemic Change in Undergraduate STEM Education
500 Fifth St NW, Washington DC

Wednesday, September 11th
Room Keck 208

- 1:00 **Welcome and Workshop Overview**
Heidi Schweingruber, Director, Board on Science Education, NASEM
Gabriela Weaver, University of Massachusetts, Amherst
- 1:15 **Panel on Context-Past and Present**
How previous effort and lessons from the literature can inform next steps.
Mary Huber, Bay View Alliance
Jim Fairweather, Michigan State University
Andrea Follmer Greenhoot, University of Kansas
Moderator: Mark Lee, Spelman College
- 1:45 **Q&A and Discussion**
Moderator: Mark Lee
- 2:15 **Introduction of Plans for Flash Talks and Break Out Groups**
Ann Austin, Michigan State University
- 2:20 **Flash Talks-Examples of Initiatives to Improve Teaching Evaluation-**
Moderator: Emily Miller, AAU
- 3:45 **Break**
- 4:00 **Break Out Groups to Reflect on the Flash Talks (Atrium)**
 - What promising approaches did you hear? What makes them promising?
 - Are there approaches that were missed?
 - What are the key challenges/levers/opportunities?
- 4:45 **Report Back from Break Out Groups**
Moderator: Ann Austin
- 5:20 **Reflections**
Jim Fairweather and Gabriela Weaver
- 5:30 **Hors D'oeuvres Reception in Atrium**

Sponsors: National Science Foundation award 1725946 to the University Massachusetts Amherst;
Association of American Universities

Thursday, September 12th
Room Keck 100

- 8:30 am *Breakfast and coffee available*
- 9:00 **Welcome**
Noah Finkelstein, University of Colorado, Boulder
- 9:15 **Panel on Supporting Systemic Change in Teaching Evaluation**
What are the key issues being discussed on campus and nationally today? Which institutional, disciplinary and national actors could be leveraged to improve recognition and evaluation of teaching?
Carl Wieman, Stanford University
Sierra Dawson, U of Oregon
Susan Musante, HHMI
Toby Smith, AAU
Moderator: Barbara Schaal
- 10:10 **Instructions to Break Out Groups**
Christine Broussard, University of La Verne
- 10:15 **Break**
- 10:30 **Break Out Groups on Future Directions (Atrium)**
Each Group Develop their own Pitch for a Next Step
 - What ideas would be useful for the community explore in more depth?
 - How can we help campuses learn of and build on experiences of others?
 - Who are the key people to engage in these discussions?
 - How should we engage them? Would a larger meeting make sense? How would it be structured? What alternative approaches should be considered?
- 11:20 **Report Back from Break Out Groups**
Moderator: Christine Broussard
- 11:45 **Reflections**
Ann Austin
- 12:00 **Lunch**
- 1:00-3:00 pm Join meeting with Roundtable on Systemic Change in Undergraduate STEM Education (see that agenda for details)

Expected Participants

Recognizing and Evaluating Science Teaching in Higher Education

1. Ann Austin, Michigan State U
2. Lida Beninson NASEM
3. Loretta Brancaccio-Taras, Kingsborough Community College
4. Kerry Brenner NASEM
5. Christine Broussard, University of La Verne
6. Ginger Clark, USC
7. Maria Dahlberg, NASEM
8. Flower Darby, Northern Arizona University
9. Sierra Dawson, U of Oregon
10. Michael Dennin, UC Irvine
11. Ashley Donovan, American Chemical Society
12. Mica Estrada, UCSF
13. Stephanie Fabritius, Associated Colleges of the South
14. Andrea Follmer Greenhoot, University of Kansas
15. Jim Fairweather, Michigan State U
16. Noah Finkelstein, University of Colorado, Boulder
17. Jose Herrera, Mercy College
18. Cassandra Horii, Caltech
19. Mary Huber, Bay View Alliance
20. Tara King, AAU
21. Mark Lee, Spelman College
22. Paula Lemons, University of Georgia
23. Doune MacDonald, The University of Queensland, Australia
24. Sara Marcketti, Iowa State University
25. Emily Miller, AAU
26. Susan Musante, HHMI
27. Andrea Nixon
28. Ingrid Novodvorsky, University of Arizona
29. David Paris, Change: The Magazine of Higher Education
30. Barbara Schaal, Washington University in St. Louis
31. Layne Scherer, NASEM
32. Heidi Schweingruber, NASEM
33. Heather Seitz, Johnson County Community College
34. Susan Singer, Rollins College
35. Jen Smith, Washington University in St. Louis
36. Toby Smith, AAU
37. Jim Swartz, Grinnell College
38. Tiffany Taylor NASEM
39. Gabriela Weaver, University of Massachusetts, Amherst
40. Carl Wieman, Stanford University