

Committee on Equity in PreK-12 STEM Education
OPEN SESSION AGENDA, Meeting 4
Zoom

July 19, 2022

Open Session

10:30 a.m. – 5:30 p.m.

10:30 a.m. Welcome and Introduction of Committee
Eileen Parsons

10:35 a.m. Equity and Knowledge STEM Disciplines
Moderator: Jean Ryoo
Presenters:
Sara Tolbert, University of Canterbury, New Zealand
Victor Lee, Stanford University
Liz de Freitas, Adelphi University
Guiding Questions:

- In your discipline, what do students need to know about how knowledge is produced?
- How does inequity show up within the discipline? What do we know about how to address it?
- What are exciting or promising directions for the future of your discipline?

12:00 p.m. Break

12:30 p.m. Community-Centered Models for STEM Education
Moderator: Sepehr Vakil

Presenters:
Jeff Duncan Andrade, Roses in Concrete
Susan Letourneau, New York Hall of Science Preschool
Anna Maier, Learning Policy Institute

Guiding Questions:

- For programs, what are the goals of your program, and what are your specific goals for STEM?
- How can external institutions and systems be engaged toward equity goals?
- What are the challenges and opportunities embedded in this work?

1:50 p.m. Break

2:00 p.m. Focusing on Classrooms: The Work of Teachers
Moderator: Carrie Tzou

Presenters:
Tia Madkins, University of Texas - Austin
Niral Shah, University of Washington
Jenny Langer Osuna, Stanford University
Guiding Questions:

- What are ongoing efforts to position teacher preparation, instructional materials, etc. toward equity?
- How are teachers making choices to support equity in their work?
- What are some of the specific challenges or opportunities you're seeing in your work?

3:45 p.m. Break

**4:00 p.m. Equity and Assessment
Moderator: Courtney Bell**

Presenters:

Andrew Ho, Harvard University

Guillermo Solano Flores, Stanford University

Aneesha Badrinarayan, Learning Policy Institute

Scott Marion, Center for Assessment

Guiding Questions:

- From your perspective, what role does assessment play in supporting or constraining progress toward equity in STEM education?
- How should we be thinking about design and implementation of assessment to support these equity aims?

5:30 p.m. End Open Session