

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Committee on Equity in PreK-12 STEM Education

Agenda, Meeting 3

April 11, 2022

Keck 100 and Virtual

OPEN SESSION

11:00 a.m. – 5:00 PM

11:00 a.m. Welcome and Introduction of Committee, Agenda for Day One of Public Meeting

Eileen Parsons, Committee Chair

11:05 a.m. Efforts to Address Equity in State Education Systems

Moderator: Bill Penuel, University of Colorado, Boulder

Speakers:

Claus von Zastrow, Education Commission of the States

André DeLeón, Nevada Department of Education

Tiffany Neill, Oklahoma State Department of Education

Megan Schrauben, Michigan Department of Labor and Economic Opportunity

Guiding Questions:

- What are trends in state policy related to equity and STEM education?
- What is “achievable” at the state level, and how are different states working toward different equity goals?
- What are the kinds of issues that are constraining progress?

12:45 p.m. Lunch

1:45 p.m. Efforts to Address Equity in Districts

Moderator: Gudiel Crosthwaite, Lynwood Unified School District

Speakers:

Dan Gallagher and Anne Beitlers, Critical CS Education, WA

Rick Holt and Amy Fairbanks, Roaring Forks School, Carbondale, CO

Ho Nguyen and Lizzy Hull Barnes, San Francisco Unified District, CA

Guiding questions:

- What are different approaches that districts are taking, and what are perceived challenges?
- What are examples of success?

3:15 p.m. Break

3:30 p.m. Imagining STEM Education with Equity at the Center
Moderator: Thomas Philip, University of California, Berkeley

Speakers:

Alfredo Artiles, Stanford University

Bryan Brayboy, Arizona State University

Alex Mejia, University of Texas at San Antonio

Fikile Nxumalo, University of Toronto

Guiding questions:

- From your position in the field, what does STEM learning look like when equity issues are paramount?
- What do you believe are steps that can be taken now, 10 years from now, 20 years from now, to bring about this vision?

5:00 p.m. End Open Session