

Roundtable on Systemic Change in Undergraduate STEM Education

Washington, DC · October 24-25, 2024

THURSDAY, OCTOBER 24, 2024 · ALL TIMES ARE ET

OPEN SESSION

11:00–11:15 Welcome and Overview

Ann Austin (Roundtable Co-Chair), *Michigan State University*

Mark Mitsui (Roundtable Co-Chair), *Portland Community College* (Emeritus)

11:15–12:00 Presentation on Student-Ready Colleges

Presenter:

Tia Brown McNair, *Sova; American Association of Colleges and Universities*

Moderators:

Dea Follmer (Roundtable Member), *University of Kansas*

Christina Yao (Roundtable Member), *University of South Carolina*

12:00–12:10 Overview of Roundtable Module Collection Plans

Ann Austin (Roundtable Co-Chair), *Michigan State University*

12:10–12:20 Presentation on Module 1

Module 1: Why and How These Modules Can Help Us Use a Systems View to Improve Undergraduate STEM Education

12:20–1:20 Lunch

Lunch available in the Keck 1st Floor Pre-Function Area for in person participants

1:20–1:25 Guidance for Module Presentations and Audience Contributions

1:25–2:15 Short Presentations about Individual Modules

Module 2: The Ecosystem of Undergraduate STEM Education and System Change

Module 3: Understanding STEM Culture

Module 4: Student-Ready Institutions

- 2:15–2:55** **Practical Action Modules: Guidance for Stakeholders in Higher Education**
This presentation will focus on Module 5: How Institutional Leaders Can Foster Systemic Change to Improve Undergraduate STEM Education, and Module 6: How Academic Unit Leaders Can Foster Systemic Change to Improve Undergraduate STEM Education
- 2:55–3:10** **Break**
Light refreshments available for in person participants
- 3:10–3:20** **Return to Questions about Module 1**
Mark Mitsui (Roundtable Co-Chair), *Portland Community College* (Emeritus)
- 3:20–4:00** **Panel Discussion: Using and Disseminating the Modules**
This panel will focus on how the modules can be used by key stakeholders and actors, dissemination strategies, and possible partnerships
Moderator: **Dale Winkler** (Roundtable Member), *Southern Regional Education Board*
Panelists:
Carrie Diaz Eaton, *Bates College*
Charlene Dukes, *Prince George's Community College* (Maryland)
Elizabeth Hawthorne, *Union County College* (New Jersey)
Julia Michaels, *Association for Undergraduate Education at Research Universities*
- 4:00–4:05** **Instructions for Small-Group Discussions**
Ann Austin (Roundtable Co-Chair), *Michigan State University*
- 4:05–4:25** **Small-Group Discussions**
Ann Austin (Roundtable Co-Chair), *Michigan State University*
Guiding Questions:
- How can the Roundtable work with partners to move these materials into real use?
 - What are the benefits for you as a potential strategic partner?
 - How can we leverage the strengths of the National Academies to disseminate these materials?
- 4:25–4:40** **Reporting Out from Small Groups**
- 4:40–4:55** **Reflective Comments from Panelists**
- 4:55–5:00** **Wrap Up & Closing Remarks**
Ann Austin (Roundtable Co-Chair), *Michigan State University*
Mark Mitsui (Roundtable Co-Chair), *Portland Community College* (Emeritus)

OPEN SESSION ADJOURNS