

Roundtable on Systemic Change in Undergraduate STEM Education Virtual Meeting

March 9, 2023
1-5pm ET



Purpose

- Share Humanizing STEM work group paper with the full Roundtable
- Gather information about topics central to today's postsecondary landscape and consider how they are relevant for undergraduate STEM education and for RT work
- Presentation of new anti-racism report from NASEM and discussion of implications for RT work

THURSDAY, MARCH 9, 2023

1:00–1:10	Welcome
1:10–1:25	Article Under Preparation on Centering Humanism in Undergraduate STEM Education Presentation by Work Group #4 Dea Follmer (Greenhoot), University of Kansas Christina Yao, University of South Carolina
1:25–1:40	Commentary on Humanizing STEM Presenters TBA
1:40-1:55	Questions and Discussion of Humanizing STEM Moderator: Ann Austin, Michigan State University
1:55-2:00	Break
2:00-2:50	Today's Postsecondary Landscape: Adult Literacy, Developmental Education, Non-degree Credentials, Workforce Development Panel Speakers: Will Durdon, Basic Education for Adults (CONFIRMED) Nikki Edgecombe, Community College Research Center (CONFIRMED) Iris Palmer, New America (CONFIRMED) Ryan Kelsey, Urban Institute (CONFIRMED) Moderator: Mark Mitsui, Portland Community College, emeritus Guiding Questions for the panel discussion::

1. How can postsecondary education cultivate students of all backgrounds and support their learning?
2. What is needed to design diverse pathways that meet student needs?
3. How can we make colleges more student ready?
4. What is the scale of the need? What is the scale of potential success?

2:50–3:00 **Break**

3:00–3:30 **Break Out Groups**

What efforts can help society bring more people to the STEM table?

Sort your ideas by who could lead these efforts (the Roundtable, NASEM more broadly, or other groups including state and federal policymakers, funders, STEM employers, etc.)

3:30–3:50 **Report Back and Discussion**

3 minutes per group

3:50–4:10 **Tech for Justice and Critical Identity Theory in STEM**

Lauren Thomas, Quigley, IBM

4:10–4:30 **Questions and discussion with Lauren Thomas Quigley**

4:30–4:50 **Ideas for Next Steps for Roundtable Work**

Review ideas from our discussions today and ways they can inform our
work on undergraduate STEM education

Preview of tomorrow's presentation on Advancing Antiracism, Diversity, Equity, and Inclusion in
STEMM Organizations: Beyond Broadening Participation

4:45–5:00 **Wrap Up**

END OF DAY 1