The National Academies of
SCIENCES · ENGINEERING · MEDICINE

Imagining the Future of Undergraduate STEM Education
Board on Science Education

Designing Future Learning Opportunities with Students at the Center
Wednesday, March 9, 2022 1-4pm EST
Moderator: Lynn Andrea Stein, Olin College

1pm ET	**Welcome** • Information on 2020 Symposium and on Plans for Today
1:10-1:25	**Share Examples in Break Out Groups** • Introductions • Share the best example you know of a student centered class, experience, co-curricular support, or student opportunity.
1:25-1:35	**Reporting Back from Break Outs**
1:35-2:10	**<u>Undergraduate Perspective</u>** *Shreya Chowdhary, Olin College* *Bonnie Lin, Amherst College* *George Francis, University of the Virgin Islands* *Kate Macolini, University of Maine*
2:10-2:40	**<u>Examples of Student-Centered Learning</u>** **University of the Virgin Islands' Resilience Leaders Initiative and Growth Model** *Michele Guannel, Assistant Professor of Biology, University of Virgin Islands* *Lawanda Cummings, STEM Education Director, University of Virgin Islands* **Culturally Relevant Computing, Experiential Learning, Industry Partnerships, And Virtual Mentoring** *Kinnis Gosha,* Hortinius I. Chenault Endowed Division Chair for Experiential Learning & Interdisciplinary Studies, Morehouse College
2:40-2:50	BREAK
2:50-3:20	**Practical Ways to Design for the Students of the Future** *Cathy Manduca, former Director, Science Education Research Center, Carleton College* *Linda Powell, Chair, Department of Biology, Community College of Philadelphia* *Gabriela Weaver, University of Massachusetts, Amherst*
3:20-3:45	**Minute Paper Break out session** *How could your campus improve the ways they design student learning experiences so they are more targeted to the students' needs?*
3:45-3:55	**Reporting Back**
3:55-4:00	**Wrap Up Synthesis**
4:00	Adjourn