

**Imagining the Future of Undergraduate STEM Education
Wrap-Up Seminar: Envisioning Undergraduate STEM Education in 2040**

Wednesday, May 4, 2022 | 1:00 PM – 3:00 PM EDT

Moderated by Cathy Manduca, *Carleton College*

1:00–1:05 PM EDT	<p>Welcome and Overview of the Symposium and Road Show Events</p> <p>Janet Gao, NASEM Staff Cathy Manduca, Moderator, Founding Director, Science Education Resource Center</p>
1:05–1:25 PM	<p>Presentation of Ideas from Seminars 1, 2, and 3: Student Centered Learning, Technology in Undergraduate STEM Education, and Authentic Real World Learning Experiences</p> <p>Lynn Andrea Stein, <i>Olin College of Engineering</i> Nicholas Horton, <i>Amherst College</i> Leanne Chukoskie, <i>Northeastern University</i></p>
1:25–1:35 PM	<p>Undergraduate Perspectives</p> <p>Amy Phung, Robotics Engineering, Olin College of Engineering George Francis, Communication, University of the Virgin Islands Divya Kirani, Biology, University of California San Diego George Seaton, Mechanical Engineering, New York Institute of Technology</p>
1:35–1:45 PM	<p>Perspective from the Sponsor, the National Science Foundation</p> <p>Alexandra Medina-Borja, <i>Program Director, National Science Foundation</i></p>
1:45–2:25 PM	<p>Making Change Happen: Examples to Inspire <i>Panel Discussion on Systems Approach to Change</i></p> <p><u>Panelists:</u> Sean Tvelia, <i>Suffolk County Community College</i> Leslie A. Gregg-Jolly, <i>Grinnell College</i> Micki Meyer, <i>Rollins College</i> Emily Miller, <i>Association of American Universities</i> Commentator: Yves Salomon-Fernandez, <i>Southern New Hampshire University</i></p>

2:25–2:45 PM	Breakout Session <i>How can you use the ideas discussed during this seminar series to help improve undergraduate STEM learning experiences?</i>
2:45–3:00 PM	Reporting Back from Breakout Sessions and Wrap-Up Synthesis Cathy Manduca, Moderator
3:00 PM	Adjourn