

# *The National Academies of* **SCIENCES • ENGINEERING • MEDICINE**

## *Roundtable on Systemic Change in Undergraduate STEM Education* September 2021 Virtual Meeting Agenda

### **Day 1: September 27, 2021**

10:00 am EDT	<b>Welcoming Remarks</b> Ann Austin and Mark Rosenberg
10:10 am EDT	<b>Setting the Stage: The State of Undergraduate Life Sciences Education</b> Erin Dolan, Georgia Athletic Association Professor of Innovative Science Education, University of Georgia
10:30 am EDT	<b>Panel #1: Role of Departments in Undergraduate Life Sciences Education</b> Speakers: <ul style="list-style-type: none"> <li>• Tessa Andrews, Associate Professor, University of Georgia</li> <li>• Loretta Brancaccio-Taras, Professor of Biological Sciences &amp; Director, Center for e-Learning, Kingsborough Community College</li> <li>• Nitya Jacob, Professor of Biology, Oxford College, Emory University</li> <li>• <b>Moderator:</b> Barbara Schaal, Mary-Dell Chilton Distinguished Professor, Washington University in St. Louis</li> </ul>
11:20 am EDT	<b>Discuss Reactions to Panel in Break Out Groups</b>
11:40 am EDT	<b>Discussion of the Role of Departments in Undergraduate STEM Education Reform</b> Report back from Break Out Groups and Discussion with Panelists  <b>Moderator:</b> Susan Singer, Provost & Vice President for Academic Affairs, Rollins College
12:00 pm EDT	<b>Break</b>
12:10 pm EDT	<b>Panel #2: Student-Level Drivers of Changes to Undergraduate Life Sciences Education</b> Speakers: <ul style="list-style-type: none"> <li>• Janet Branchaw, Associate Professor of Kinesiology &amp; Director, Wisconsin Institute for Science Education and Community Engagement, University of Wisconsin-Madison</li> <li>• Thomas Freeman, Teaching Associate Professor, University of North Carolina-Chapel Hill</li> <li>• James Hewlett, Professor of Biology, Finger Lakes Community College</li> <li>• <b>Moderator:</b> Levon Esters, Professor &amp; Associate Dean for Diversity, Equity &amp; Inclusion and Faculty Affairs, Purdue Polytechnic Institute</li> </ul>

12:55 pm EDT	<b>Wrap Up</b> Ann Austin and Mark Rosenberg
1:00 pm EDT	<b>Adjourn</b>

**Day 2: September 28, 2021**

10:00 am EDT	<b>Welcoming Remarks</b> Ann Austin and Mark Rosenberg
10:10 am EDT	<b>Panel #3: Role of Data and Assessment in Improving Undergraduate Life Sciences Students</b>  Speakers: <ul style="list-style-type: none"> <li>• José Herrera, Provost, University of Northern Iowa</li> <li>• Brian Couch, Associate Professor, University of Nebraska-Lincoln</li> <li>• Ross Nehm, Professor of Ecology &amp; Evolution, Stony Brook University</li> <li>• Muriel Poston, Vice President of Strategic Initiatives, Claremont McKenna College</li> <li>• <b>Moderator:</b> Mark Lee, Associate Professor, Spelman College</li> </ul>
11:05 am EDT	<b>Panel #4: Efforts to Improve Undergraduate Life Sciences Education via Faculty Professional Development</b>  Speakers: <ul style="list-style-type: none"> <li>• Kelly Mack, Vice President for Undergraduate STEM Education &amp; Executive Director, Project Kaleidoscope, Association of American Colleges &amp; Universities</li> <li>• Jeff Schinske, Biology Instructor, Foothill College</li> <li>• Elisabeth Schussler, Professor, University of Tennessee, Knoxville</li> <li>• Michelle Withers, Associate Professor, Binghamton University</li> <li>• <b>Moderator:</b> Cassandra Horii, Assistant Vice Provost &amp; Director of the Center for Teaching, Learning, and Outreach, Caltech</li> </ul>
12:10 pm EDT	<b>Adjourn Open Session</b>