

Roundtable on Systemic Change in Undergraduate STEM Education

Virtual Meeting December 13 & 14, 2021

4 Year Retrospective and Prioritizing for the Future

Day 1: December 13, 2021

11:00 am ET 10:00 am CT 9:00 am MT 8:00 am PT	Welcoming Remarks and Overview of Agenda and Goals
11:15 am ET	Introductions
11:30 am ET	Issues in Undergraduate STEM Education Reform <ul style="list-style-type: none">• Themes of the Roundtable and “Greatest Hits” from previous meetings<ul style="list-style-type: none">○ Presentation by Kerry Brenner, NASEM staff• Themes from selected previous NASEM reports<ul style="list-style-type: none">○ Presentation by Peter Grunwald, Grunwald Associates
12:00 pm ET	Insights, Progress, and Opportunities for the Future <p>Work in break out groups to discuss</p> <ul style="list-style-type: none">• progress on improving undergraduate STEM education,• areas where change is still needed, and• opportunities for improving undergraduate STEM education that could benefit from the attention of the Roundtable in the next year or two
1:15pm ET	Reporting Back from Break Out Groups
1:45 pm ET	Break
2:45 pm ET	Topic Ideas for Roundtable Projects <ul style="list-style-type: none">• Presentation by Ann Austin of synthesized list derived from break out group discussion.
3:00 pm ET	Roundtable Project Possibilities <ul style="list-style-type: none">• Presentation on possible actions/approaches the Roundtable could take to help advance national work on improving undergraduate STEM education
3:15 pm ET	Work in New Break Out Group on Conceptualizing One Project Idea
4:45 pm ET	Wrap Up Comments and Overview of Plans for Tomorrow

5:00 pm ET	Adjourn
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Day 2: December 14, 2021

11:00 am ET 10:00 am CT 9:00 am MT 8:00 am PT	Welcoming Remarks and Overview of the Meeting <ul style="list-style-type: none"> • Review of Day 1 • Overview of plans for Day 2
11:10 am ET	Interesting Approaches for Operationalizing Project Ideas <ul style="list-style-type: none"> • Short presentations on various approaches
11:40 pm ET	Return to Break Out Groups to Develop Detailed Action Plans
1:00pm ET	Break
1:30 pm ET	Reporting Back from Break Out Sessions <ul style="list-style-type: none"> • Each group will share about their operational plans <ul style="list-style-type: none"> ○ What project are you proposing? ○ What are the action steps in the next year?
2:30 pm ET	Synthesis and Wrap Up