

Transforming Undergraduate STEM Education Virtual Meeting to Focus on the Technology in Teaching and Learning

THURSDAY, MAY 21, 2026 (EDT)

- 11:00–11:10** **Welcome and Plans for the Day**
Kerry Brenner, National Academies of Sciences, Engineering, and Medicine
- 11:10–11:30** **Overview of Transforming Undergraduate STEM Education Report and the Principles**
Michael Dennin, University of California, Irvine
- 11:30–11:50** **Educational Technologies and Learning**
Rod Roscoe, Arizona State University
- 11:50–12:50** **Lightning Talks on Using Technology in Undergraduate STEM Education**
Greg Kestin, Harvard University
Ji Yun Son, California State University, Los Angeles, CourseKata
Kate Gardner and Sven Heinrich, LabXChange
Qiwei He, Georgetown University
Yasemin Copur-Gencturk, University of Southern California
- 12:50–1:00** **Break**
To Consider: How do you or could you use technology in your instruction in ways that are in alignment with the principles?
- 1:00–1:25** **Design and Evaluation of Courseware (Lumen One Statistics)**
Barbara Means, Digital Promise
Ellen Tedeschi, Digital Promise
Daniel Parker, Digital Promise
Daysha Jackson Sanchez, Lumen Learning
- 1:25–1:45** **Break Out Discussions**
Reflecting on and Evaluating your use of Technology for Teaching and Learning
- 1:45–2:00** **The Future of Technology in Equitable and Effective Undergraduate STEM Learning**
Archie Holmes, University of Texas system
Michael Dennin, UC Irvine