

2019 ASEE Annual Conference – Distinguished Lecture  
**Engagement of Engineering Societies in Undergraduate Engineering Education**  
*Co-Sponsors: Engineering Deans Council and Corporate Member Council*

June 19 @ 9:45-11:15 am  
Tampa Convention Center  
Tampa, Florida

Over the past two years, through survey analysis and series of workshops, the National Academy of Engineering (NAE), with NSF support, took an in-depth look at engineering societies' role and contributions to improving the effectiveness and quality of undergraduate education. This presentation will summarize the insights from the survey and workshops, highlight what societies are doing with respect to engineering education, and flag important issues.

### **Agenda**

#### Project overview and summary (20 min.)

**Leah Jamieson**, *Steering Committee Chair*

Ransburg Distinguished Professor of Electrical and Computer Engineering  
John A. Edwardson Dean Emerita of Engineering  
Purdue University

**Kenan Jarboe**, Senior Program Officer, Manufacturing, Design and Innovation  
National Academy of Engineering

#### Panel one: Insights and key take-aways from steering committee members (25 min.)

**Leah Jamieson**, Moderator

**Marilyn Barger**, Executive Director, Florida Advanced Technological Education Center (FLATE)  
Hillsborough Community College

**Tom Perry**, Director, Engineering Education (ret.), ASME

**Anne Spence**, Clinical Associate Professor, Baylor University

**Gregory Washington**, Dean, Samueli School of Engineering, University of California, Irvine

#### Panel two: Implications for societies and universities (25 min.)

**Tom Perry**, Moderator

**Dianne Chong**, Vice President (ret.), The Boeing Company-Seattle  
Member, Board of Directors, SME

**Burt Dicht**, Director, Student and Academic Education Programs, IEEE

**Teri Reed**, Assistant Vice President for Research, University of Cincinnati

**Bill Wepfer**, Professor Emeritus & Immediate Past Chair, Woodruff School of Mechanical  
Engineering, Georgia Institute of Technology  
Member, Board of Governors, ASME

#### Q&A (20 min.)

**Leah Jamieson**, Moderator