



**March 15–19, 2026**

San Diego Convention Center  
and Hilton San Diego Bayfront  
San Diego, California, USA

**#TMSAnnualMeeting**

## SUBMIT AN ABSTRACT FOR THE FOLLOWING SYMPOSIUM

### SPECIAL TOPICS

## Preparing Undergraduate and Graduate Students - and the Faculty who Prepare Them - for Materials Careers (The Judson Education Symposium)

The materials community is responsible for both pushing the understanding of the structure-processing-properties paradigm and producing a workforce ready to generate technological change in future generations. This symposium is dedicated to understanding and improving how we prepare students (and the faculty who prepare them) for materials careers. Organizers envision that speakers will include a range of faculty including those contributing to engineering education research, program directors, master teachers, and grant recipients of awards such as the National Science Foundation CAREER, IUOE, ADVANCE, RET, REU, NRT, IGE, etc.

Talks are anticipated to align with the following topical areas:

- ABET accreditation of materials engineering programs.
- Assessment and accreditation of materials graduate programs.
- Professional formation of materials engineers through curricular design.
- Materials engineering workforce needs and training.
- Assessment of student learning, experience, retention, resilience, mental health, etc.
- Supporting early-, mid- and late-career faculty in the classroom
- Partnerships to increase student pipelines
- Materials faculty formation and development

The Elizabeth Judson Memorial symposium was first held in 2011 to help academic engineering program learn about ABET and prepare for ABET accreditation evaluation visits but has evolved to include other aspects of education. Elizabeth Judson was a leader in engineering education having served on the Executive Committee of the Engineering Accreditation Commission (EAC) of ABET. In the latter role she initiated review of ABET criteria that, after much deliberation, led to the current EAC Student Outcomes 1-7. The implementation of these improved outcomes in 2019 – nearly a decade after her death – is a testament to the lasting impact of Dr. Judson's work.

### SPONSORED BY:

TMS Accreditation Committee; TMS Education Committee

### ORGANIZED BY:

- **Marian Kennedy**, Clemson University
- **Alison Polasik**, Campbell University
- **David Bahr**, Purdue University
- **Timothy Chambers**, University of Michigan
- **Donald Brenner**, North Carolina State University
- **Subhadra Gupta**, University of Alabama
- **Yanfei Gao**, University of Tennessee-Knoxville