



Engineering Educators Bringing the World Together

2025 ASEE Annual Conference & Exposition

AWARDS PROGRAM



**June 22–25, 2025
Palais des congrès
de Montréal
Montreal, QC**



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W elcome to the 2025 ASEE Awards Lunch! Each year, the Society recognizes the outstanding achievements of engineering and engineering technology educators via the ASEE Awards program. With their commitment to their profession, desire to further the Society's mission, and participation in civic and community affairs, ASEE award winners exemplify the best in engineering and engineering technology education.

This year's honorees have served ASEE as Board members or campus representatives; presented papers chosen by their peers as top in their field; and made significant impacts through industry collaboration, curriculum leadership, classroom performance, and much more. In addition, we recognize those ASEE members who, due to their extraordinary qualifications and experience, have been chosen as this year's class of ASEE Fellows.

On behalf of ASEE, we salute you. Cheers!

**Grant
Crawford**
ASEE President
2024–2025



2025 ASEE Board of Directors

Outgoing Board Members



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2025 ASEE Outstanding Zone Campus Representatives



Zone I

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University of Vermont



Zone II

Kumar Yelamarthi

Tennessee Tech University



Zone III

Tracy A. Hammond

Texas A&M University



Zone IV

Brock J. LaMeres

Montana State University

2024 ASEE Annual Conference Best Paper Awards

PIC I

To Record or Not to Record? Collaborating through Conflict

By Emily Risë Crum, *Columbia University*; Kristin Leigh Bennett, Stuart Adler, David S. Bergsman, Nicole Minkoff, Alexis N. Prybutok, *University of Washington*

PIC II

Equitable Engineering Identity? Race/Ethnicity and Gender Differences in the Predictors of Engineering Identity in First-Year Engineering

By Matthew Bahnson, *Purdue University*; Eric Trevor McChesney, *University of Pittsburgh*; Carlie Laton Cooper, *University of Georgia*; Allison Godwin, *Cornell University*; Linda DeAngelo, *University of Pittsburgh*; Kevin R. Binning

PIC III

Navigating the Mystery: An Approach for Integrating Experiential Learning in Ethics into an Engineering Leadership Program

By James N. Magarian, John M. Feiler, Leo McGonagle, Eileen Milligan, Alexander Rokosz, Elizabeth Schanne, Reza S. Rahaman, Olivier Ladislav de Weck, *Massachusetts Institute of Technology*



2024 ASEE Annual Conference Best Paper Awards

PIC IV

Near-Peer Mentors' Discussions with a Student Avatar Experiencing Logistical Issues on a First-Year Design Team

By Pamela S. Lottero-Perdue, *Towson University*; Haritha Malladi, Marcia Gail Headley, *University of Delaware*

PIC V

The Wooden Bike Frame Challenge: Learning Statics Through Hands-On Design

By Jenni Buckley, *University of Delaware*; Amy Trauth, *American Institutes for Research*; Alexander John De Rosa, Heather Doty, *University of Delaware*

The Best Zone I Paper

Reflection in Engineering Design: Student Perceptions on Usefulness

By Libby (Elizabeth) Osgood, Christopher Power, *University of Prince Edward Island*

The Best Zone II Paper

Development of a 3-Credit Multidisciplinary University Autonomous Vehicles Course Without Prerequisites and Open to Any Engineering Major

By Nicholas E. Brown, Johan Fanas Rojas, Alyssa Moon, Ali Atallah E Alhawiti, Pritesh Patil, Parth Kadav, Kira Hamelink, Wendy R. Swalla, Zachary D. Asher, *Western Michigan University*

The Best Zone III Paper

Energy Literacy Infrastructure Study across Nebraska and Data-Driven Design of Energy-focused STEM Education and Virtual Outreach Activities for K-12 Students and Teachers

By Sourav Sutradhar, Oghenetega Allen Obewhere, Karen Acurio-Cerda, Moses Dike, Rajesh Keloth, Shudipto Konika Dishari, *University of Nebraska-Lincoln*

The Best Zone IV Paper

Engineering Problem Solving: Implementing a New Foundational Engineering Course

By Timothy Frank, Daphne DePorres, Emily Stoneham, Joel Sloan, Vincent Bongioanni, Eric Tucker, *United States Air Force Academy*



Best Overall Papers

The 2024 Best Overall PIC Paper

Near-Peer Mentors' Discussions with a Student Avatar Experiencing Logistical Issues on a First-Year Design Team

By Pamela S. Lottero-Perdue, *Towson University*; Haritha Malladi, Marcia Gail Headley, *University of Delaware*

The 2024 Best Overall Zone Paper

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Best Overall Commission on Diversity, Equity, and Inclusion Paper

Leveraging the CARE Methodology to Enhance Pedagogical and Institutional Support for Blind or Low-Vision (BLV) Learners in Electrical and Computer Engineering (ECE)

By Aya Mouallem, Trisha Kulkarni, and Sheri Sheppard, *Stanford University*

ASEE National & Society Awards



Clement J. Freund Award

Paul D. Plotkowski

Grand Valley State University

Frederick J. Berger Award

Ismail Fidan

Tennessee Tech University



James H. McGraw Award

Rachel D. Mosier

Oklahoma State University

Jeffrey Ray Memorial Award

Annalisa Scacchioli

Rutgers University



ASEE National & Society Awards



**John L. Imhoff Global
Excellence Award for Industrial
Engineering Education**

Amin Esmaeili

Kennesaw State University

National Outstanding Teaching Award

2024

Diane L. Peters

Kettering University



2025

Brock J. LaMeres

Montana State University

Ralph Coats Roe Award

Arun R. Srinivasa

Texas A&M University





Robert G. Quinn Award
Yiannis A. Levendis
Northeastern University

**Sharon Keillor Award
for Women in
Engineering Education**

Roxanne Moore
Georgia Institute of Technology





2025 ASEE Fellow Member Honorees

Audeen Fentiman

Purdue University

Martin Gordon

Rochester Institute of Technology

James Huff

University of Georgia

Michael Johnson

Texas A&M University

Joyce Main

Purdue University

Carol Muller

Stanford University

Lulu Sun

Embry-Riddle Aeronautical University

Janis Terpenney

George Mason University



**SCAN to see full list of
ASEE Awards Winners**

**ASEE would like
to thank the
ASEE PIC Chairs
&
Annual Conference
Program Chairs
for their support
and cooperation**

A decorative graphic at the bottom right corner consisting of overlapping blue and orange curved shapes.



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