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FY26 BOARD OF GOVERNORS

Saturday, June 6, 2026, 10:00 AM – 12:00 PM (EDT)

Hilton Orlando, Orlando, Florida

6001 Destination Parkway – Room Lake Mizell

FINAL MINUTES

Attendance during the open session was as follows:

Board of Governors

President: Lester Su

Governors: Carlos Beatty, Jr., Alma Fallon, Kathryn Jablokow*, Nicole Kaufman Dyess, Bill King, Nelia Mazula, Monica Moman-Saunders, Parisa Saboori, Dave Schlesinger*, Kevin Scott Smith, Janis Terpenney

Executive Director/CEO: Thomas Costabile

Other Officers

Senior Vice Presidents/Elects: Rick Cowan, Section Engagement Sector
Suzanne McKillop, Incoming SVP, SES
Bryan Lewis, Elect, Section Engagement Sector
Jennifer Jewers Bowlin, Student & Early Career Development
Pierre Larochelle, Public Affairs & Outreach
Thomas Lavertu, Technical & Engineering Communities
Tom Vogan, Standards and Certification**

Secretary/Treasurer: Tara McMahan

General Counsel: John Delli Venneri, Esq.

Chief Financial Officer: William Garofalo

Assistant Secretary: Allian Pratt

Governors-Elects: Alisa Clyne, Daniel Kearney, Victoria Risinger, Bob Stakenborghs

Guests

Jennifer Atchison Vice Chair, SES
Richard Benson Old Guard Committee
Ruander Cardenas Committee Member, COR/H&H
Shanshan Chu ECLIPSE Member
Marianne Chan Nominating Committee
Hank Cook Old Guard Committee
John Dong Member
Lakshya Gangwar ECLIPSE 2026/2027 Fellow
Brandon Graham BOG ECLIPSE Member
Hind Hajjar Nominating Committee
Shreyas Hedge Vice Chair, Old Guard
Mahantesh Hiremath President, 2021-2022
Susan Ipri-Brown President, 2024-2025
Madika Kotb President, 2013-2014

Tom Kurfess	President, 2023-2024
Ritesh Lakhar	Nominating Committee
Mohammad Mahinfalah	Incoming Chair, Old Guard Committee
Rick Marboe	Chair, Committee on Organization and Rules
Alexander Marrero	ECLIPSE Committee Chair
Cameron Martin	IAB Member
Jesus Melendez	ECLIPSE Member
Pratikshya Mohanty	ECLIPSE Alumni
Daniel Moreno	ECLIPSE Alumni
Grace O'Connell	Bioengineering Division Committee
Karen Ohland	President, 2022-2023
Peter Oviroh	Chair, Management Division
Jithu Paulore	ECLIPSE Alumni
Vicki Rockwell	President, 2011-2012
Keith Roe	President, 2016-2017
Antoine Sands	ECLIPSE Vice Chair
Tawnia Sandquist	Nominating Committee, Vice Chair
Ankit Saxena	ECLIPSE Alumni
Ed Seiders	Chair, Old Guard
Sue Skemp	President, 2002-2003
Bob Sims	President, 2014-2015
Callie Tourigney	Nominating Committee/VOLT Past Chair
Stephen Vasconi	ECLIPSE Alumni
Patrick Vieth	Governor, 2022-2025
Brian Webster	Petroleum Division, Past Chair
Sam Zamrick	President, 2007-2008**

Staff

Iana Aranda	Sr. Director, Engineering Global Development**
Mandi Bergenfeld	Manager, Support Services-Enterprise Technology Trainer
RuthAnn Bigley	Manager, Governance Programs
Keith Bloesch	Chief Information Officer
Ty Booker	Director, Sections – Programming & Engagement
Whitney Bowers	Sr. Strategic Communications Manager
Clare Bruff	Director, Volunteer Engagement & Diversity
Susie Cabanas	Manager, Global Alliances & Board Operations
Chris Cantrell	Sr. Managing Director, Standards Engineering Services
Chandra Clouden	Chief Human Resources Officer
Krishna Hernandez	Program Manager, Volunteer Engagement
Meredith Jones	Chief Revenue Officer
Phyllis Klasky	Director, Events Management
Drew Lentz	Senior Director, Membership
Andrea Mahoney	Managing Director, Marketing & Digital Operations
Tom Meehan	Controller
Andrea Mess	Managing Director, Talent Management & Strategy
Keith Miles	Senior Director, Philanthropy
Allysa Oliver Ike	Senior Manager, Foundation
Steven Papaganeres	Managing Director, Finance

Jeff Patterson	Chief Operating Officer
Christine Reilley	Senior Managing Director, IP Strategy
Karen Russo	Managing Director, Strategic Communications
Anand Sethupathy	Chief Strategy Officer*
Luwisa Smart-Rivas	Coordinator, Constituent Engagement & Experience
David Soukup	Managing Director, Governance
Evelyn Taylor	Senior Director, Section Operations
Matt Vasquez	Senior Director, Standards & Certification
Stephanie Viola	Managing Director, Philanthropy/ED, ASME Foundation
Tracy Wilson	Executive Assistant, Executive Office

* *Absent*

** *via Teams*

1. **Opening of Meeting**

- 1.1 Call to Order: On June 6, 2026, a meeting of the FY26 Board of Governors of the American Society of Mechanical Engineers was held at the Hilton Orlando in Orlando, Florida and simultaneously via the Teams application. A quorum was present, and the meeting was called to order by President Su at 10:07 AM EDT.
- 1.2 Adoption of the Agenda: On motion made and seconded, the Board unanimously voted to adopt the agenda as circulated on May 28, 2026.
- 1.3 President's Remarks: As President Su approaches the final 24 hours of his presidency, he reflects on the strong commitment to progress and embracing change. Key areas of activity include international growth, publishing, ASME Ventures, division reorganization, and AI adoption. These efforts demonstrate strong teamwork among staff, the CEO, dedicated volunteers, and the Board. Several notable activities during his tenure are the successful IMECE India conference, attendance at the PVP meeting, and participation at MEEd, where the Engineering Education Committee was impactful.

He noted the leadership of Mr. Costabile, whose ideas and guidance are widely respected across all sister societies. Participation in Code Week provided valuable firsthand insight into the work of the Code Committees and the ASME Foundation.

President Su emphasized that the Board successfully updated ASME's Purpose, Vision, and Mission statements, strengthening support between governance and staff and supporting the Foundation's efforts to secure donations.

He expressed confidence in Mr. Costabile's leadership with staff operations but noted the importance of future succession planning. President Su remarked on the departure of Jeff Patterson as a touching reminder of how good we have it now.

He ended by congratulating Governor Janis Terpenney for receiving the David Wells Service Award from the ASEE Manufacturing Division Award Committee, recognizing her outstanding contributions to advancing research, education, and service in advanced manufacturing.

- 1.4 Executive Director/CEO's Remarks: On May 18, Mr. Costabile began his eighth year as ASME's Executive Director/CEO. Under his tenure, he has worked with 10 presidents, 52 governors, 6 secretary/treasurers and 24 Senior Vice Presidents and is grateful for everyone's support.

ASME continues to build momentum in raising money for the Foundation, and as we close out FY26, the Society is in great financial condition. Several programs and growth opportunities have contributed to this progress, and everyone in this room has played a part.

Mr. Costabile reviewed the continuity of the FY26/27 Business Plan enterprise goals and objectives, including building a robust IP strategy under the guidance of Christine Reilley, recently promoted to Senior Managing Director of IP Strategy. He also provided updates on upcoming conferences and events, including IMECE India, which is progressing well with 160 core volunteers, 1,400 abstracts received, 1,128 papers submitted, and estimated attendance of 2,500 and growing. The 2026 IMECE in November in Vancouver is also progressing well.

Mr. Costabile briefly reviewed today's agenda and noted that these annual meetings can be melancholy as we say goodbye to some members. He expressed appreciation to the outgoing ECLIPSE member, Governors, Senior Vice Presidents, and President Lester Su for their service. He also highlighted a working session on Sunday with the new Board.

- 1.5 Consent Items for Action: No requests were received to remove any items from the Consent Agenda.

On motion made and seconded, the Board voted 10-0 to approve 1.5.1 through 1.5.4 on the Consent Items for Action:

- 1.5.1. Approval of Open Session Minutes of April 20, 2026
- 1.5.2. Proposed Appointments
- 1.5.3. Listing of Awards
- 1.5.4. CY2025 Fellows Listing

2. Open Session Agenda Items

- 2.1 FY26 YTD Financial Report: Bill Garofalo provided a high-level recap for the preliminary May FY26 year to date financial results.

Preliminary May revenue versus expenses showed a net surplus. Overall net results were ahead of forecast and budget. Net results were favorable compared to budget with an increase in revenue, partially offset by a slight increase in expenses. Royalty revenues increased versus budget due to a favorable revised reseller forecast and a one-time payment from a re-seller. Print revenues increased compared to budget through May.

For the FY26 Full Year Outlook, we are projecting a net surplus for the full year which is ahead of budget. Revenues are forecasted to be higher than budget, driven by an increase in Standards Operations and a payment from Wiley. The forecast for the last month is in line with YTD results except for donations to the ASME foundation.

The investment portfolio improved 15.1% through May with gains of 19.4% from our equity investments and 4.2% fixed income investments. We continue to work with investment partners to monitor and adjust allocations as necessary. The portfolio continues to remain diverse with 74% equity and 26% fixed income.

The current approved contingency reserve target is 60%. ASME ended FY25 with contingency reserve of 106% and has increased to 143% as of the end of May.

- 2.2 ASME Foundation Contributions: Bill Garofalo shared that based on strong FY26 financial performance across both operations and investments, ASME can make a meaningful impact on the future of mechanical engineering and proposed two contributions from ASME to the ASME Foundation:

\$2.5M for Scholarships that will be added to the endowment, with annual earnings (estimated at 5–7%) generating approximately \$125K–\$175K to support students pursuing mechanical engineering. This investment strengthens the future talent pipeline and expands access to opportunities.

\$1M for New Programs and Initiatives which supports ASME’s commitment to being a purpose-driven organization. Informed by input from the Board, volunteers, and staff, it will advance initiatives aligned with our mission and priorities. Outcomes will be tracked to measure impact, strengthen engagement, and guide future investments.

On motion made and seconded, the Board voted 10-0 to approve the following:

The Board of Governors, in support of ASME’s commitment to advancing the future of mechanical engineering, approves a contribution of two million, five hundred thousand dollars (\$2,500,000.00) to The ASME Foundation, Inc., to be made in June 2026, to establish an endowed scholarship fund for students.

The Board of Governors, in further support of ASME’s goal of being a purpose-driven organization, approves a contribution of one million dollars (\$1,000,000.00) to the ASME Foundation, Inc. to be made in June of 2026.

- 2.3 Comments from Outgoing Board Members and Senior Vice Presidents: Governors Monica Moman-Saunders, Alma Fallon, Kathryn Jablokow (via video), and Dave Schlesinger (via video), along with Senior Vice Presidents Tom Vogan and Rick Cowan and ECLIPSE member Brandon Graham, shared brief remarks on their experiences working with the Board and expressed their appreciation for the opportunity.
- 2.4 Reflections on the Past Year: Mr. Su expressed his appreciation for the opportunity to work with the outgoing Board, SVPs, and staff, including Brandon Graham and Tara McMahan, and acknowledged others present, including Keith Roe. He noted his gratitude for being included in the Past Presidents’ group and remarked on the strong sense of community within ASME. He commended the Board as a terrific group to work with and shared his optimism for future Boards.
- 2.5 ECLIPSE Project Presentation: The presentation gave an overview of the ECLIPSE Class of 2026 project, focusing on ASME’s role in supporting career advancement throughout the member lifecycle. Drawing on over 20 years of ECLIPSE research and recent member feedback, the team

highlighted that career growth is a big driver of engagement—impacting student retention, membership conversion, and long-term involvement.

The findings showed that these stages are part of a continuous lifecycle, with career relevance, professional development, and clear pathways to opportunities all playing an important role in keeping members engaged.

The presentation also showed how ASME delivers value in three main areas: affiliation, networking, and learning. Data and participant feedback highlighted the importance of non-technical benefits like professional connections, leadership development, and access to learning resources. The ECLIPSE program was highlighted as a strong example, demonstrating high engagement and a positive impact on career growth, including initiatives like the LinkedIn Learning pilot.

The session wrapped up with recommendations to strengthen these benefits by making affiliation more visible, expanding networking opportunities, and increasing access to structured learning and leadership development resources.

After the presentation, President Su presented each outgoing member with a certificate of recognition and the incoming class with a badge and thanked them for their journey with ASME. President Su then called Past President Susan Ipri-Brown to present a Dedicated Service Award to Alexander Marrero Laureno. (Minutes Appendix 2.5)

3. **New Business**

No new business was presented.

4. **Open Session Information Items**

4.1 Sector Reports – The SECD, SES, PA&O, TEC and S&C Sector Reports were sent out with the advance packet. (Minutes Appendix 4.1)

4.2 Dates of Future Meetings (FY27 Board)

DATE	DAY	TIME	LOCATION
June 7, 2026	Sunday	9:00 am – 11:30 pm	Orlando, Florida
June 8, 2026	Monday	8:30 am - 1:00 pm	Orlando, Florida
July 12, 2026	Sunday	3:00 pm – 5:00 pm	Seattle, Washington
July 13, 2026	Monday	9:00 am – 5:00 pm	Seattle, Washington
July 14, 2026	Tuesday	9:00 am – 5:00 pm	Seattle, Washington
Aug 31-Sep 6, 2026	Monday-Sunday	TBD	Delhi/Chennai, India
November 8, 2026	Sunday	TBD	Vancouver, BC, Canada

5. **Adjournment**

The Saturday, June 6, 2026 meeting adjourned at 12:07 PM EDT.



Tara McMahan
Secretary/Treasurer

List of Appendices

- 1.5.2. Proposed Appointments
- 1.5.3. Listing of Awards
- 1.5.4. CY2025 Fellows Listing
- 2.5. ECLIPSE Project Presentation
- 4.1. Sector Reports



ASME Board of Governors Agenda Item Cover Memo

Date Submitted: May 21, 2026

BOG Meeting Date: June 6, 2026

To: Board of Governors

From: Committee on Organization and Rules (COR)

Presented by: Richard Marboe

Agenda Title: Proposed Appointments

Agenda Item Executive Summary:

Proposed appointments reviewed by the COR on May 21, 2026.

Section III.B.1.d of Society Policy P-4.4 states “An individual may serve on two committees of the corporation at the same time if recommended by the Committee on Organization and Rules and approved by the Board of Governors if documentation is provided addressing potential conflicts of interest for serving on the two committees.”

Starting in July 2026, Ruander Cardenas will be serving on both the History and Heritage Committee (H&H) and the Committee on Organization and Rules (COR) and I, Richard Marboe, will be serving on the VOLT Executive Committee (VOLT) and COR. H&H, VOLT, and COR are all committees of the corporation.

At its May 21, 2026, meeting, the Committee on Organization and Rules discussed the potential conflicts of interest and agreed to recommend the appointments move forward to the Board of Governors.

Proposed motion for BOG Action:

To approve the attached appointments.

Attachments: Document attached.

JUNE 2026 PROPOSED APPOINTMENTS TO ASME UNITS

Internal Unit	Nominee	Appointment Position/Title	Appointment Term/Category	Appointment Type	History
Public Affairs and Outreach Council	Paul Benny	Member-at-Large	July 2026 – June 2029	Initial	Current Member of the ECLIPSE Alumni Group Executive Committee
Technical and Engineering Communities Council	Akin Keskin	Vice Chair	July 2026 – June 2029	Initial	Current Member-at Large TEC Council
History and Heritage Committee	Ruander Cardenas	Member-at-Large	July 2026 – June 2029	Initial	Current Member of the Inclusion Strategy Committee
Inclusion Strategy Committee	Jennifer Atchison	Member-at-Large	July 2026 – June 2029	Reappointment	Current Advisor of the Drexel University Section
Inclusion Strategy Committee	Keith Melchiors	Member-at-Large	July 2026 – June 2029	Initial	Current Member of the Bioprocessing Equipment Committee
Inclusion Strategy Committee	Waterloo Tsutsui	Member-at-Large	July 2026 – June 2027	Initial	Past Member of the McDonald Mentoring Award Committee
Committee on Sustainability	Timo Marquez Arreaza	Member-at-Large	July 2026 – June 2029	Reappointment	Current Vice Chair of the Committee on Sustainability
Committee on Sustainability	Paul Benny	Member-at-Large	July 2026 – June 2029	Initial	Past Member of the Student Section Enterprise Committee
Committee on Sustainability	Sean Bradshaw	Member-at-Large	July 2026 – June 2029	Reappointment	Past Vice Chair of ASME Gas Turbine Technology Group
Committee on Sustainability	Cristina Contreras	Member-at-Large	July 2026 – June 2029	Reappointment	Current Member of the Committee on Sustainability
Committee on Sustainability	Francesco D'Amore	Member-at-Large	July 2026 – June 2029	Reappointment	Current United Kingdom Section Treasurer
Committee on Sustainability	Alain Lefevre	Member-at-Large	July 2026 – June 2029	Reappointment	Current Member of the Committee on Sustainability
Committee on Sustainability	Deepa Poduval	Member-at-Large	July 2026 – June 2029	Reappointment	Current Member of the Committee on Sustainability
VOLT Executive Committee	Richard Marboe	Member-at-Large	July 2026 – June 2029	Reappointment	Current Chair of the Committee on Organization and Rules
VOLT Executive Committee	Simon Pun	Member-at-Large	July 2026 – June 2029	Reappointment	Current Member of the Ralph Coats Roe Medal Committee



Board of Governors Meeting Agenda Item Cover Memo

Date Submitted:	May 18, 2026
BOG Meeting Date:	June 6, 2026
To:	Board of Governors
From:	Leila Persaud
Presented by:	J.N. Reddy, Committee on Honors
Agenda Title:	Listing of Awards

Agenda Item Executive Summary:

The Board of Governors delegates to COH the authority to approve candidates for all Society Level Awards other than Honorary Members and ASME Medalist.

Proposed motion for BOG Action:

To accept the Committee on Honors recommendation to approve the 2026 awardees.

Attachment:

The listing of the 2026 awardees is attached.

2026 RECIPIENTS OF ASME HONORS AND AWARDS

ACHIEVEMENT AWARDS

ADAPTIVE STRUCTURES AND MATERIAL SYSTEMS AWARD

<u>Zoubeida Ounaies</u> , Ph.D., Member Pennsylvania State University University Park, PA 16801		For pioneering field-activated and bio-inspired multifunctional polymer systems that have redefined adaptive structures, integrating mechanics, architected manufacturing, and sustainability; and for visionary leadership uniting global research communities to shape resilient, adaptive, and intelligent material systems
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ALLAN KRAUS THERMAL MANAGEMENT MEDAL

<u>Rajiv Mongia</u> , Ph.D., Member Intel Corporation Hillsboro, OR 97124		For sustained excellence in developing innovative, industry-relevant, thermal technologies optimized for performance across the system spectrum ranging from compact mobile devices to high-performance data centers
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ARTHUR L. WILLISTON MEDAL

Winner

<u>Kathryn Gray</u> , Member Southern Star Central Gas Pipeline Owensboro, KY 42301		For inspiring civic engagement and encouraging early career growth through innovative leadership in ASME and community initiatives, advancing engineering's role in society, and fostering broad participation in social-service activities that benefit both the engineering profession and the public
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Second-place

<u>Adhiga M S</u> , Member Mercedes-Benz India Private Limited India		For sustained, multi-level service to ASME, combining impactful Student Section leadership, global E-Fest contributions, technical excellence, and community outreach that consistently advance ASME's mission of student engagement and professional development
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AVRAM BAR-COHEN MEMORIAL MEDAL

<u>Ali Heydari</u> , Ph.D. Nvidia Santa Clara, CA 95051		For fundamentally transforming how the world thermally manages its most powerful AI factories through 187 patents, pioneering research, and leadership bridging academia, industry, and government
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AYYUB-WIECHEL RISK ANALYSIS AWARD

<u>Faisal Khan</u> , Ph.D., Member Texas A&M University College Station, TX 77843		For pioneering contributions to risk, reliability, and safety engineering through foundational advances in probabilistic risk analysis; and outstanding leadership translating research into practice by building global institutions that strengthen the safety of offshore, process, and emerging energy systems
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BARNETT-UZGIRIS PRODUCT SAFETY DESIGN AWARD

<u>Yan Fu</u> , Ph.D., Fellow Ford Motor Company Dearborn, MI 48120	For pioneering research in safety optimization and robust design; for leadership in ISO virtual testing standards; and for dedicated mentorship that have revolutionized global vehicle safety design and occupant protection
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BEN C. SPARKS MEDAL

<u>Ivana Milanovic</u> , Ph.D., Fellow University of Hartford West Hartford, CT 06117	For reimagining mechanical engineering education through simulation-rich learning, reshaping curricula to reflect real-world complexity, and mentoring a generation of engineers with clarity, creativity, and purpose, advancing practice readiness and inspiring lasting change across ABET-accredited programs
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BERGLES-ROHSENOW YOUNG INVESTIGATOR AWARD IN HEAT TRANSFER

<u>Tianli Feng</u> , Ph.D., Member University of Utah Salt Lake City, UT 84112-1109	For pioneering theoretical work in heat conduction that has reshaped understanding and prediction of superior heat conductors, nanoscale semiconductor interfacial transport, ultra-high-temperature heat transfer, and extreme thermal insulation
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BERNARD F. LANGER NUCLEAR CODES AND STANDARDS AWARD

<u>Maury Pressburger</u> , Ph.D., Member Sargent & Lundy, LLC. Chicago, IL 60603-5713	For significant contributions to the ASME O&M Code and ASME QME Standard through various technical and leadership positions on these Standards Committees, and for exemplary service as Vice-chair of BNCS and Chair of CBO
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CHARLES RUSS RICHARDS MEMORIAL AWARD

<u>Vijay Kumar</u> , Ph.D., Member University of Pennsylvania Philadelphia, PA 19104-6315	For outstanding achievements in mechanical engineering for 20 years or more following graduation
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CHARLES T. MAIN STUDENT LEADERSHIP AWARDS

Gold

<u>Mohamed Yasser</u> , Member Cairo University Egypt	For exemplary student leadership in transforming ASME Cairo University through institutionalized financial governance, 400% operational growth, and sustainable systems that impact over 2,100 students while strengthening alignment with the ASME Egypt Professional Section
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Silver

<u>Sumaiqa Alam</u> , Member University of Engineering & Technology Peshawar Pakistan	For contributions to the student section and engineering community through innovation, leadership, community service, advocacy, initiatives, and collaboration
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DIXY LEE RAY AWARD

<u>H. Christopher Frey</u> , Ph.D. North Carolina State University Raleigh, NC 27695-7901		For pioneering real-world measurement and modeling of vehicle energy use and emissions; for methodological innovation in quantification of variability, uncertainty, and sensitivity in environmental models; and for exceptional and principled leadership in translating engineering science into environmental and public health policy
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EDWIN F. CHURCH MEDAL

<u>N.K. Anand</u> , Ph.D., Fellow Texas A&M University College Station, TX 77843		For championing innovation in mechanical engineering research, advancing mechanical engineering education and leveraging breakthroughs to broaden participation of a more diverse engineering community to lead future generations in the betterment of society
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DANIEL C. DRUCKER MEDAL

<u>Yihui Zhang</u> , Ph.D., Member Tsinghua University China		For creative and pioneering work on rational shape programming methods for 2D-to-3D assembly, 3D-architected electronic skin, and shape-morphing multimodal microrobots
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DUANE P. JORDAN EARLY CAREER AWARD

<u>Jacalynn Sharp</u> , Ph.D., Member John Hopkins Applied Physics Laboratory Laurel, MD 20723		For outstanding early-career achievement marked by accelerated advancement, high-impact technical contributions, and exemplary leadership within ASME, strengthening governance, programming, and support for early-career engineers worldwide
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EDWARD GROOD INTERDISCIPLINARY TEAM SCIENCE MEDAL IN BIOENGINEERING

<u>Steven Abramowitch</u> , Ph.D., Member University of Pittsburgh Pittsburgh, PA 15260 <u>Pamela Moalli</u> , Ph.D. University of Pittsburgh Pittsburgh, PA 15260		For shaping the field of urogynecology's understanding of pelvic floor disorders, including how polypropylene surgical mesh drives vaginal tissue complications, work that contributed to the evolution of current generation meshes
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FLUIDS ENGINEERING AWARD

<u>Alfredo Soldati</u> , Ph.D. Institute of Fluid Mechanics and Heat Transfer Austria		For numerous contributions to the understanding of turbulence in a broad range of multiphase flow processes, particularly droplet and particle-laden flows; and for international leadership in promoting and communicating the study of multiphase flows
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FRANK KREITH ENERGY AWARD

<u>David Claridge</u> , Ph.D., Fellow Texas A&M University College Station, TX 77843		For developing the Existing Building Commissioning Process, resulting in significant annual energy savings; for major contributions to measurement and verification methods; and for co-inventing a dehumidifier and air-conditioning system that will decrease energy use without using global warming refrigerants
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GEORGE WESTINGHOUSE GOLD MEDAL

<u>Somrat Kerdsuwan</u> , Ph.D. Mongkut's University of Technology Thailand		For pioneering inventions and leadership in the development of biomass and waste conversion to clean energy to reduce pollutant emissions, including greenhouse gasses, through advanced thermal process such as pyrolysis, gasification, torrefaction, and incineration with sophisticated pollution control systems for sustainable development
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GUSTUS L. LARSON MEMORIAL AWARD

<u>Matt Pharr</u> , Ph.D., Member Texas A&M University College Station, TX 77843		For outstanding achievements in mechanical engineering within 10 to 20 years following graduation
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HEAT TRANSFER MEMORIAL AWARD**GENERAL**

<u>Sandra Boetcher</u> , Ph.D., Fellow Embry-Riddle Aeronautical University Daytona Beach, FL 32114		For exemplary dedication to the ASME Heat Transfer Division and the broader community, demonstrated through extensive leadership roles, editorships, conference organization, and mentoring; and for pioneering research encompassing paradigm-shifting, next-generation thermal energy storage devices
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SCIENCE

<u>Xiulin Ruan</u> , Ph.D., Member Purdue University West Lafayette, IN 47907		For development of original theoretical and computational methods in atomistic and nanoscale heat transfer; for discoveries of novel thermal transport physics; and for inventions of thermal technologies that have generated significant societal impact and commercial interest
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ART

<u>Debjyoti Banerjee</u> , Ph.D., Fellow Texas A&M University College Station, TX 77843-3123		For outstanding contributions in science and art of heat transfer in a number of areas, such as phase change heat transfer with micro- and nano-modifications of the surface, thermal energy storage and microfluidics; and for successful translation of scientific work into intellectual property, with 17 patents and two startups
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HENRY LAURENCE GANTT MEDAL

<u>Robert M. Wagner</u> , Ph.D., Fellow Oak Ridge National Laboratory Knoxville, TN 37932-1563		For exemplary service to ASME, the engineering profession and the nation through distinguished management and visionary leadership in bridging disciplines and uniting national laboratories, industry, and academia to foster trusted partnerships that move science at the speed of industry
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HENRY R. WORTHINGTON MEDAL

<u>Ashvin Hosangadi</u> , Ph.D., Member Combustion Research and Flow Technology Inc. Pipersville, PA 18947		For the development and commercialization of a multi-element, unstructured, multi-phase CFD code and its application to the analysis and design of both industrial and aerospace pumping machinery
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HOLLEY MEDAL

<u>Jay P. Gore, Ph.D.</u> , Fellow Purdue University West Lafayette, IN 47907		For lifelong discoveries and teaching in sustainable energy, gas turbines, internal combustion engines, and power plants efficiency; and for advancing fire safety using fundamentals of scientific engineering measurements and computations augmented with artificial intelligence
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H.R. LISSNER MEDAL

<u>Michael S. Sacks, Ph.D.</u> , Member University of Texas at Austin Austin, TX 78712		For pioneering contributions to heart valve biomechanics that bridge the cellular, tissue, and organ levels, utilizing highly innovative experiments and computer simulations of the dysfunction of diseased valves to guide their restoration to normal function
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INTERNAL COMBUSTION ENGINE AWARD

<u>Margaret Wooldridge, Ph.D.</u> , Fellow University of Michigan Ann Arbor, MI 48109		For a sustained record of innovative research and impactful education, advancing the art of engineering for internal combustion engines and leading a world-class combustion research group on efficiency and emissions
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JOHN J. MONTGOMERY AEROSPACE MEDAL

<u>Fuh-Gwo Yuan, Ph.D.</u> , Member North Carolina State University Raleigh, NC 27695		For innovative computer vision and machine learning techniques for imaging barely-visible impact damage in composite structures in support of certification for structural health monitoring of aerospace structures
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JOHNSON & JOHNSON CONSUMER COMPANIES, INC. MEDAL

<u>Jennifer Atchison, Ph.D.</u> , Member Drexel University Philadelphia, PA 19104		For distinguished leadership in advancing inclusion through innovative educational programs, impactful mentorship, and research on intersectional teamwork; and for exemplary professional and community service that promotes inclusive practices and broadens participation across the engineering profession
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KATE GLEASON AWARD

<u>Margaret Bailey, Ph.D.</u> , Member Retired		For outstanding contributions to engineering education through teaching and research in the areas of thermodynamics, mechanical engineering and public policy; and for advocating for gender equality in engineering and science
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LAKSHMI SINGH EARLY CAREER LEADERSHIP AWARD

<u>Leila Aboharb</u> , Member Cornell Laboratory for Accelerator-based Ithaca, NY 14850		For rising to the challenge of numerous leadership positions and continuing to promote excellence in engineering as a leader, a trailblazer for women, and a champion for outreach in engineering
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JAMES HARRY POTTER GOLD MEDAL

<u>Zhuomin Zhang</u> , Ph.D., Fellow Georgia Institute of Technology Atlanta, GA 30332-0405		For pioneering study of radiative thermal power generation and electroluminescent refrigeration, especially on the application of second law analysis to these systems while accounting for photon entropy and chemical potential
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JAMES N. LANDIS MEDAL

<u>Lyle Branagan</u> , Ph.D. Retired		For outstanding contributions to mechanical engineering and research over a four-decade career in academia and industry, including 25 years of plant experience at Pioneer Motor Bearing Co.
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J. HALL TAYLOR MEDAL

<u>Denis DeMichael</u> , Fellow Retired		For a lifetime commitment to engineering safety and advancing ASME Codes, for leadership in pressure relief system standards, and for significant contributions to safety practices worldwide
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MAAN JAWAD BOILER AND PRESSURE VESSEL CODE AWARD

<u>David E. Tuttle</u> , Fellow Retired		For in-depth research and development of calculations supporting and simplifying equations, charts and tables, over years of dedicated service to ASME standards development
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MACHINE DESIGN AWARD

<u>Feng Gao</u> , Ph.D. Shanghai Jiao Tong University China		For pioneering contributions to the design theory of parallel mechanisms through Generalized Function Set methodology, and for its successful application to critical equipment in aerospace, automotive, and heavy manufacturing industries
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MAYO D. HERSEY AWARD

<u>Enrico Ciulli</u> , Ph.D., Member University of Pisa Italy		For outstanding and sustained contributions to the theoretical research, experimental development, and industrial engagement in lubrication aspects of engineering components
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MCDONALD MENTORING AWARD

<u>Lei Zuo</u> , Ph.D., Member University of Michigan Ann Arbor, MI 48109		For visionary, sustained mentorship across all career stages—empowering students, postdocs, young faculty, entrepreneurs, and K-12 learners through hands-on research, global engagement, startup guidance, and dedicated advocacy—building future engineering leaders and cultivating culture of excellence, inclusion, and professional advancement
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M. EUGENE MERCHANT MANUFACTURING MEDAL OF ASME/SME

<u>Masahiko Mori</u> , Ph.D. DMG Mori Co. Ltd. Japan		For meritorious contributions to manufacturing technology in science and industry; for leadership in the implementation of innovations in industrial practice and global promotion of young engineers; and for sustained influence on productivity, quality, efficiency, and sustainability
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MELVIN R. GREEN CODES AND STANDARDS MEDAL

<u>Gary Park</u> , Member Retired		For distinguished service as chair of ASME Section XI, demonstrating a tremendous level of effort and commitment during one of the longest tenures in ASME Code committee leadership
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NADAI MEDAL

<u>Samuel Forest</u> , Ph.D., Member Mines Paris PSL University Paris		For pioneering material models at the mesoscopic scale that incorporate detailed microstructure description, characteristic lengths in crystalline solids, physical viscoplasticity, and damage mechanisms in engineering metallic alloys, with a view to lifetime prediction and full field experimental validation
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OUTSTANDING STUDENT SECTION LEADER AWARD

<u>Muhammad Alam Zaib</u> , Member University of Engineering & Technology Peshawar Pakistan		For exemplary leadership, unwavering guidance, and dedicated mentorship that strengthens the Student Section, inspires students to achieve excellence, and advances ASME's mission by fostering innovation, collaboration, and professional growth among future engineers
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PATRICK J. HIGGINS MEDAL

<u>Steven Wallace</u> , Member Boeing Seattle, WA 98124-2207		For preeminent leadership and contributions to the ASME standards community through longtime roles, including Chair of B5 Machine Tools and Board on Standardization & Testing and Vice Chair on the Council on Standards and Certification, enhancing Machine Tool standards and Standards and Engineering Services operations
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PER BRUEL GOLD MEDAL FOR NOISE CONTROL AND ACOUSTICS

<u>Dan Zhao</u> , Ph.D., Member University of Canterbury New Zealand		For groundbreaking discoveries enabling control of carbon-free-fueled thermoacoustic instabilities; and for inventing transformative actively passive noise control methods and computational tools that yield quieter, cleaner aerospace and energy technologies
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PERFORMANCE TEST CODES MEDAL

<u>Juliusz Kirejczyk</u> , Ph.D., Member Retired		For outstanding and continuous achievements and contributions in ASME Performance Test Codes over two decades, notably in the areas of hydraulic power and hydraulic prime movers, especially with regard to environmental performance
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RALPH COATS ROE MEDAL

<u>Guru Madhavan</u> , Ph.D., Fellow National Academy of Engineering Washington, DC 20001		For distinguished contributions and leadership toward the advancement of the public appreciation of engineering, fostering critical dialogue on its societal impact through compelling writings, lectures, and international engagement
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ROBERT E. KOSKI MEDAL

<u>Katharina Schmitz</u> , Ph.D., Member RWTH Aachen University Germany		For global expertise in fluid power systems, combining academic excellence with industrial experience; and for leadership in and significant contributions to the research on sustainability and digitalization
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ROBERT HENRY THURSTON LECTURE AWARD

<u>Guy Genin</u> , Ph.D., Fellow Washington University St. Louis, MO 63130		For pioneering application of mechanical engineering to biology and healthcare, and for global leadership in the development of the emerging field of mechanobiology
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ROBERT M. NEREM EDUCATION AND MENTORSHIP MEDAL

<u>Kristen Billiar</u> , Ph.D., Fellow Worcester Polytechnic Institute Worcester, MA 01609		For exemplary leadership and demonstrable commitment to education and mentoring of undergraduate students, efforts in developing junior colleagues and trainees, and for national advocacy for mentoring and teaching in the field
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R. TOM SAWYER AWARD

<u>Kenichiro Takeishi</u> , Ph.D., Fellow Osaka University Japan		For leading the cooling blade design of all heavy-duty gas turbines developed at Mitsubishi Heavy Industries, Ltd., and for pioneering advanced heat transfer research and measurement methods, enabling efficient and durable operation of 1200 – 1700 °C class gas turbines
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RUFUS OLDENBURGER MEDAL

<u>Naomi Leonard</u> , Ph.D., Member Princeton University Princeton, NJ 08544		For innovative contributions to nonlinear, geometric and bio-inspired control; control of mechanical systems; collective decision-making and cooperative control; and applications to multi-robot systems, including pioneering work on control of autonomous underwater vehicles and their use in adaptive ocean sampling
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RUTH & JOEL SPIRA OUTSTANDING DESIGN EDUCATOR AWARD

<u>William Durfee</u> , Ph.D., Member University of Minnesota Minneapolis, MN 55455		For sustained contributions to engineering design education at the undergraduate and graduate levels, leveraging experiential, hands-on learning, fostering interdisciplinary connections, and advancing university-industry collaboration to provide meaningful student experiences
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SAFETY CODES AND STANDARDS MEDAL

<u>Lawrence Means</u> , Member Means Engineering & Consulting P.C. Helena, MO 64459-7503		For significant contributions to the construction, inspection, maintenance, and operation of mobile cranes and lifting devices through dedicated and persistent participation with the ASME B30 safety standards development, ensuring consistency with regulatory requirements
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SAVIO L-Y. WOO TRANSLATIONAL BIOMECHANICS MEDAL

<u>Francis Loth</u> , Ph.D., Fellow Northeastern University Boston, MA 02115		For unwavering commitment to translating engineering tools, from <i>in-silico</i> and <i>in-vitro</i> analysis of cerebrospinal fluid flow to <i>in-vivo</i> image-based biomechanics of the brain, to decipher the pathophysiology of Chiari malformation and assess and improve its diagnostic and treatment methods
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SIA NEMAT-NASSER EARLY CAREER AWARD

<u>Anna Tarakanova</u> , Ph.D., Member University of Connecticut Storrs, CT 06269-3139		For foundational advances in the mechanical characterization and multiscale description of biomaterials, uniting analytical theory, computational methods, and experiments; and for sustained leadership in the mechanics and materials communities
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SOICHIRO HONDA MEDAL

<u>Massimo Guiggiani</u> , Ph.D. Università di Pisa Italy		For introducing a methodological approach to the study of vehicle dynamics, unveiling important theoretical aspects and putting an end to common misconceptions, ultimately transforming the discipline into a rigorous, predictive engineering science, reshaping industry practices
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SPIRIT OF ST. LOUIS MEDAL

<u>Azad Madni</u> , Ph.D., Member University of California Los Angeles Los Angeles, CA 90064		For pioneering contributions to model-based performance assessment of NASA Space Shuttle Navigation Filters, pivotal work in AI-based planning and decision aiding of fighter aircraft aircrew, and visionary transformation and leadership in aerospace systems engineering education
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S.Y. ZAMRIK PVP MEDAL

<u>Gery Wilkowski</u> , Ph.D., Fellow Engineering Mechanics Corporation of Columbus Columbus, OH 43221		For extraordinary contributions in the field of fracture mechanics in pressure vessels and piping systems, mentorship of young engineers, leadership and support of codes and standards development, and outstanding service to the ASME PVP Division
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THOMAS A. EDISON PATENT AWARD

<u>Satyandra K. Gupta</u> , Ph.D., Fellow University of Southern California Los Angeles, CA 90089		For innovative work in physics-informed artificial intelligence that leading to the development of smart robotic cells that reduce ergonomically challenging tasks for human workers, provide consistent quality, and reduce scrap and rework in surface finishing applications
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VAN C. MOW MEDAL

<u>Alisa Morss Clyne</u> , Ph.D., Member University of Maryland College Park, MD 20742		For transforming the field of cardiovascular mechanobiology by establishing the essential connection between mechanical forces and glucose metabolism in cardiovascular health and disease, and for leadership in strategic planning and equity in the ASME Bioengineering Division
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TIMOSHENKO MEDAL

<u>Nancy R. Sottos</u> , Ph.D., Member University of Illinois Urbana-Champaign Urbana, IL 61801		For pioneering contributions to applied mechanics through innovative experimental techniques, and for the creation of sustainable polymer processing methods that have advanced the reliability of materials and enabled transformative applications across energy, aerospace, and multifunctional structural systems
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WARNER T. KOITER MEDAL

<u>David Steigmann</u> , Ph.D. University of California, Berkeley Berkeley, CA 94720		For sustained and fundamental contributions to solid mechanics in the areas of surface elasticity, finite elasticity theory, and the rigorous and consistent derivation of Koiter's shell theory from 3D elasticity theory
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Y.C. FUNG EARLY CAREER AWARD

<u>Amirhossein Arzani</u> , Ph.D., Member University of Utah Salt Lake City, UT 84112		For pioneering scientific machine learning research in cardiovascular biomechanics, development of the innovative concept of wall shear stress topology in blood flow characterization, and development and dissemination of open-source educational material to support computational biomechanics research and student training
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ZDENĚK P. BAŽANT MEDAL

<u>Sinan Keten</u> , Ph.D., Fellow Northwestern University Evanston, IL 60208		For contributions to the study of the mechanics and fracture behavior of network materials, including nanoparticle and magneto-elastic granular assemblies; and for continued dedication to engineering education
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**LITERATURE AWARDS
BLACKALL MACHINE TOOL & GAGE AWARD**

<u>Aaron Cornelius</u>, Ph.D. National Institute of Standards and Technology Gaithersburg, MD 20899 <u>Jaydeep Karandikar</u>, Ph.D., Member Oak Ridge National Laboratory Knoxville, TN 37932 <u>Chris Tyler</u>, Ph.D., Member Oak Ridge National Laboratory Knoxville, TN 37932 <u>Tony Schmitz</u>, Ph.D., Fellow MSC Industrial Supply Co. Davidson, NC 28036-7444	For the paper titled, "Process Damping Identification Using Bayesian Learning and Time Domain Simulation"
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EDWARD F. OBERT AWARD

<u>Ana Buelvas</u>, Ph.D. Universidad del Norte Colombia <u>Daniel A. Quintero-Coronel</u>, Ph.D. Universidad Francisco de Paul Santander Colombia <u>Juan Fajardo</u>, Ph.D. Universidad Tecnológica de Bolivar Colombia <u>Deibys Barreto</u>, Ph.D. Universidad Tecnológica de Bolivar Parque Industrial y Tecnológico Colombia <u>Antonio Bula</u>, Ph.D., Member Universidad del Norte, UREMA Research Group Colombia <u>Arturo Gonzalez-Quiroga</u>, Ph.D. Universidad del Norte, UREMA Research Group Colombia	For the paper titled, "Bio-Oil and Bio-Crude Gasification for Syngas Production: Energy, Exergy and Environmental Analyses."
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FREEMAN SCHOLAR AWARD

<u>Krishnan Mahesh</u>, Ph.D., Member University of Michigan Ann Arbor, MI 48109	For the development of numerical methods and models for the simulation of turbulent cavitating flows, and for long-lasting contributions to the understanding and prediction of turbulent cavitating flows in the marine context
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GAS TURBINE AWARD

<u>Marco Batisti</u>, Ph.D. University of Florence Italy	For the paper titled, "Innovative Cavity Modeling for Centrifugal Compressors Aeromechanical Analysis"
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<u>Lorenzo Pinelli</u>, Ph.D., Member University of Florence Italy <u>Michele Marconcini</u>, Ph.D., Member University of Florence Italy <u>Andrea Arnone</u>, Ph.D., Member University of Florence Italy <u>Lorenzo Toni</u>, Ph.D. Baker Hughes Italy		
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MELVILLE MEDAL

<u>Yuhang Hu</u>, Ph.D., Member Georgia Institute of Technology Atlanta, GA 30332 <u>Dongjing He</u>, Ph.D. Georgia Institute of Technology Atlanta, GA 30332 <u>Deep Malu</u>, Ph.D. Georgia Institute of Technology Atlanta, GA 30332		For the paper titled, "A Comprehensive Review of Indentation of Gels and Soft Biological Materials."
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WORCESTER REED WARNER MEDAL

<u>Tony Jun Huang</u>, Ph.D., Fellow Duke University Durham, NC 27708		For foundational publications and enduring, transformative contributions that pioneered the field of surface acoustic wave microfluidics and defined its fundamental principles, architectures, and impact
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Board of Governors Meeting Agenda Item Cover Memo

Date Submitted:	May 18, 2026
BOG Meeting Date:	June 6, 2026
To:	Board of Governors
From:	Leila Persaud
Presented by:	Committee of Past Presidents
Agenda Title:	CY 2025 Fellows Listing

Agenda Item Executive Summary:

Attached for information is a listing of ASME Fellows elected in CY 2025.

Proposed motion for BOG Action:

None

Attachment:

The CY 2025 Fellows are attached for information.

2025 ASME Fellows

Vishal Acharya
Abdessattar Abdelkefi
Reza Adibi-Asl
Wael Ahmed
Sean Andersson
Richard Anthony
Andres Arrieta
Shaoping Bai
Ganesh Balasubramanian
Caleb Barnes
Ernesto Benini
Jeffrey Benoit
Kiran Bhaganagar
Sean Bradshaw
Mark Celestina
Dongmei Chen
Jie Chen
Roland Chen
Sukwon Choi
Souma Chowdhury
Sridhar Condoor
Amaresh Dalal
Zhiquan Deng
Haibo Dong
Pei Dong
Chuanhua Duan
Shirley J. Dyke
Randy Ewoldt
Mostafa Fatemi
Christian Franck
Brian Fronk
Henry Fu
Katherine Fu
Osamu Furuya
George Galanes
Dongming Gan
Varun Goel
Craig Goergen
Stefano Gonella
Mark Gowin
Vinay Goyal
Ping Guo
Thomas Hedberg
Jarred Heigel
Jeffrey Herrmann

Douglas Hofer
David Hullender
Patricia Iglesias
Prakash C. Jain
Amir Javidinejad
Aaron Johnson
Anestis Kalfas
Sathish Kannan
Syed Khalid
Joo H. Kim
Jeffrey Kysar
Kin Fong Lei
Jun Liao
Peter Lillehoj
Dong Lin
Yen-Chen Liu
Zongli Lin
Yongming Liu
Tamás R. Liszkai
Michael Lockwood
Ming-Chang Lu
Jessica Menold
Jeremy Michalek
Joseph Miller
Knox Millsaps
Samy Missoum
William Moffatt
Jeffrey Moore
Beshoy Morkos
Tatiana Morosuk
Partha Mukherjee
Chithranjan Nadarajah
Amrinder Nain
Youngsuk Nam
Chandra Nath
Dan Negrut
Kenn Oldham
Johné Parker
Diane Peters
Graham Pullan
Caterina Rizzi
Ujjwal K. Saha
Iskender Sahin
Roozbeh Salary
Jr-Yi Shen

Shuangwen Sheng
Amir Shooshtari
Ramesh Singh
Douglas Smith
Jaroslaw Szwedowicz
David Tamburello
Mehran Tehrani
Scott M. Thompson
Jun Ueda
Umesh Vaidya
Subith Vasu
Xiaojia Wang
Jeffrey Warfford
Ronald Warzoha
Toshinori Watanabe
Yujiang Xiang
Steven Xu
Jin Yang
Yaoyao F. Zhao
Fumin Zhang
TieJun Zhang
Feng Zhu
Guangdong Zhu
Jian Zhu



Board of Governors Meeting Agenda Item Cover Memo

Date Submitted:	May 12, 2026
BOG Meeting Date:	June 6, 2026
To:	Board of Governors
From:	William Garofalo, Chief Financial Officer
Presented by:	William Garofalo
Agenda Title:	FY26 YTD Financial Report

Agenda Item Executive Summary:

A YTD financial report will be provided.

Proposed motion for BOG Action: **None**

Attachment(s): **None**



Board of Governors Meeting Agenda Item Cover Memo

Date Submitted:	May 15, 2026
BOG Meeting Date:	June 6, 2026
To:	Board of Governors
From:	Stephanie Viola, Managing Director of ASME Programs & Philanthropy and Executive Director, ASME Foundation
Presented by:	Bill Garofalo, Chief Financial Officer
Agenda Title:	ASME Foundation Contributions

Agenda Item Executive Summary:

As part of ASME's continued commitment to advancing mechanical engineering education for the benefit of humanity, ASME's current financial position enables a one-time contribution to The ASME Foundation, Inc. to fund scholarships.

As part of ASME's commitment to new programs and initiatives, we would like the Board of Governors to consider a contribution to The ASME Foundation, Inc.

Proposed motions for BOG Action:

The Board of Governors, in support of ASME's commitment to advancing the future of mechanical engineering, approves a contribution of two million, five hundred thousand dollars (\$2,500,000.00) to The ASME Foundation, Inc., to be made in June 2026, to establish an endowed scholarship fund for students.

The Board of Governors, in further support of ASME's goal of being a purpose-driven organization, approves a contribution of one million dollars (\$1,000,000.00) to the ASME Foundation, Inc. to be made in June of 2026.

Attachment(s): None



Board of Governors Meeting Agenda Item Cover Memo

Date Submitted:	May 11, 2026
BOG Meeting Date:	June 6, 2026
To:	Board of Governors
From:	FY26 ECLIPSE Program Members
Presented by:	FY26 ECLIPSE Program Members
Agenda Title:	ECLIPSE Project Presentation

Agenda Item Executive Summary:

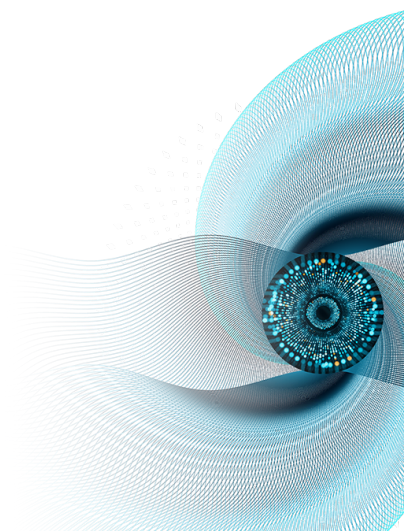
The members of the FY26 ECLIPSE program will present their project called, “ASME’s Role in Supporting Career Advancement”.

Proposed motion for BOG Action: None

Attachment(s): PowerPoint presentation

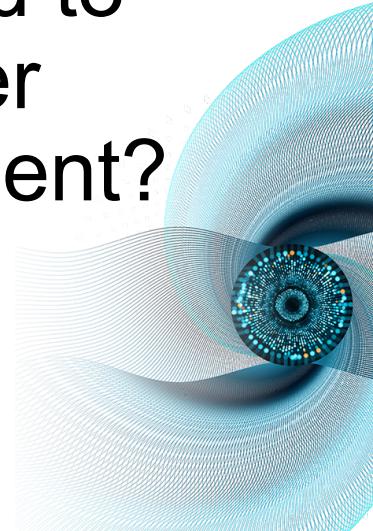
ASME's Role in Supporting Career Advancement

ECLIPSE Class of 2026





Has ASME contributed to your career advancement?



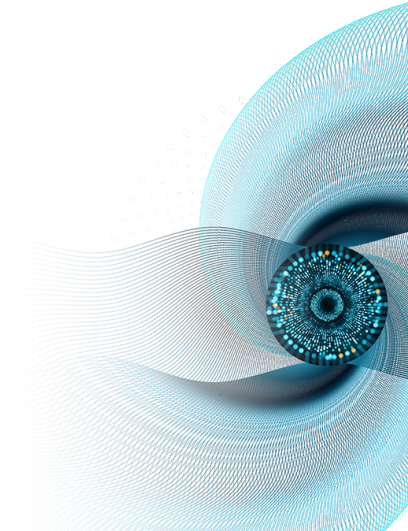


Richard Hollenbach III, Ph.D.
Exponent
Atlanta

ASME has definitely helped me with my career advancement. I have been able to add the ECLIPSE program, the Cross Sector Collaborator Accelerator, and the Duane Jordan Early Career awards to my resume. I get to **network with others in my industry** at Turbo Expo every year. And I also connected with local engineers within my Atlanta area ASME section. I plan to stay connected with ASME as I continue my career in Mechanical Engineering.

Introduction

Clive Matsika



ECLIPSE Class of 2026 Members



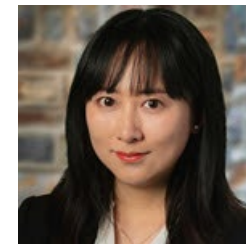
Clive Matsika

Student & Early Career
Development Sector (SECD)



Brandon Graham

Board of Governors



Shanshan Chu

Petroleum Division



Aman Ved Kalia

Section Engagement Sector (SES)

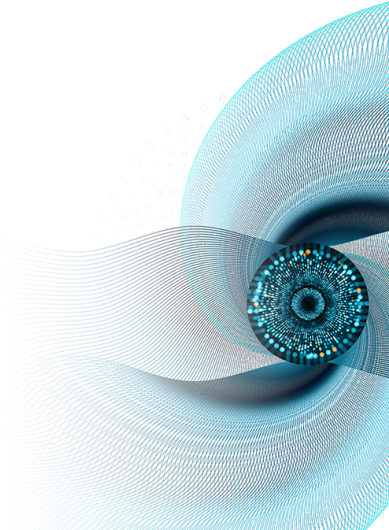


Edwin Caizalitín Quinaluisa

Technical & Engineering Communities
Sector (TEC)

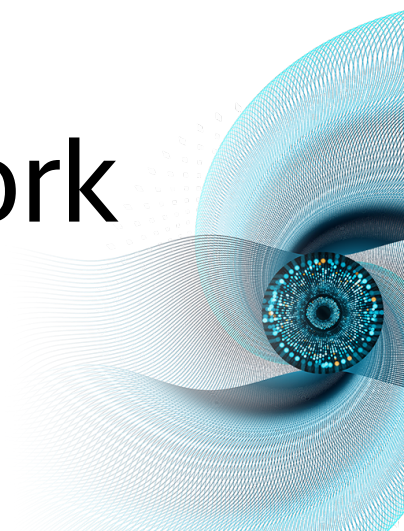
Presentation Overview

- **Introduction**
- **Context: Prior ECLIPSE Work**
- **Defining Our Focus**
- **Career Advancement as a Member Benefit**
 - Data and background
 - Insights from Members
 - Real career stories
- **Career Advancement Case Study: ECLIPSE**
 - Career Benefits and the ECLIPSE Program
 - Linked In Learning Pilot
 - Skills aligned with leadership development
- **Key Learnings**
 - What worked , Gaps and Opportunities
- **Conclusion & Recommendations**



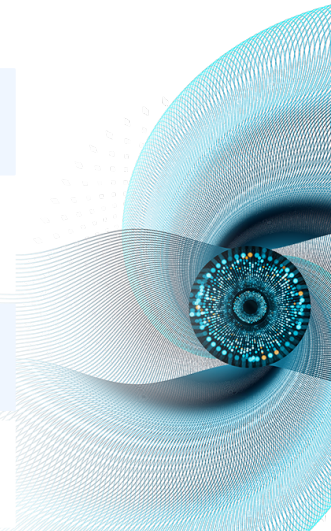
Context: Prior ECLIPSE Work

Brandon Graham



Building on 21 years of ECLIPSE

2012-13	Program Self-Assessment Established ECLIPSE's research foundation. Found that structured access to ASME governance significantly strengthens long-term member engagement and belonging.	Research
2013-14	Digital Content Strategy Mapped the early career member lifecycle and found the 30-45 age band as a growth opportunity. Proposed mobile-first content and data-driven outreach strategies.	Strategy
2014-15	VOLT Training Library Delivered a live product: 48 training presentations across 17 leadership skill categories, launched on ASME.org. Demonstrated what ECLIPSE can build and sustain.	Delivered
2016-17	Volunteer Engagement Roadmap Built a working prototype to connect members with volunteer roles and development tracks. Identified that navigating to the right opportunity is the key friction point.	Prototype
2017-18	ECE Programming Framework Engaged ECEs directly to define their priorities. Produced a 4-pillar framework – 60% Professional Dev., 25% Career Advancement, 10% Networking, 5% Volunteer + 10 yr roadmap.	Framework
2018-19	Employer Partnership Model Reframed ASME membership as a professional development asset for employers and members alike. Delivered the ASME Employer Benefits flyer to support outreach campaigns.	Delivered
2022-23	Volunteer Pathway Survey Primary research: 300+ volunteers shared what motivates them and what creates friction. Career utility was the top re-engagement driver.	Discovery



ASME Engagement

Career Advancement Focus

Minutes Appendix 2.5
Page 10 of 36

ANNUAL
BUSINESS
MEETING
2026

21 years of ECLIPSE research points toward a unified career journey model

"Connecting my career with the opportunities in ASME."

– Joseph Radisek, ECLIPSE Alumnus & Volunteer, 2023 Survey | Top-cited motivation among ECE respondents

01

Barriers to Continued Engagement

Time, unclear pathways, and employer support are the top three barriers — consistent across all age groups and volunteer statuses. **Belonging deepens when members see ASME as part of their professional story.**

Source: 2012-13 Program Self-Assessment

02

Career Advancement + Professional Development

When ECEs defined their own priorities in 2017-18, Career Development was second only to Professional Development. **This combination reflects a self-reinforcing benefit where constituents engage with ASME long-term.**

Source: 2017-18 ECE Framework

03

Pathways for Activation

The 2023 Survey shows prospective volunteers score lowest on finding opportunities -- not on motivation. **Clear pathways to access benefits are the key lever to career long engagement.**

Source: 2023 Survey + 2016-17 Roadmap

Student

->

Early Career

->

Mid-Career

->

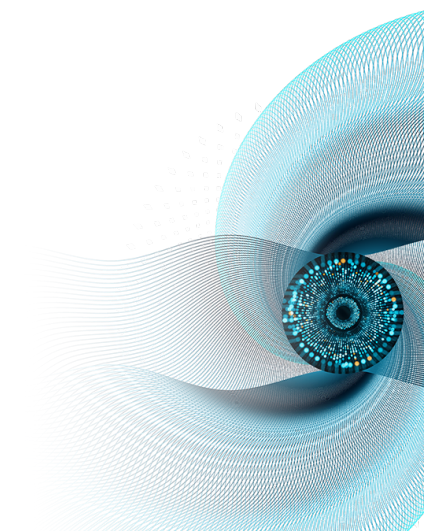
Volunteer Leadership

->

Legacy

Defining Our Focus

Shanshan Chu



From Four Topics to One Strategic Focus: ASME's Role in Career Advancement

Initial Approach

- Structured Exploration Across Themes and Topics

Key Findings

- Structural Overlap
- Data Constraints

Strategic Decision

- Converging on One Core Question

Two Themes, Four Topics:

Longterm Loyalty & Engagement Strategies

- Building Early Loyalty Among Student Community
- Converting “Club Members” into Active Members

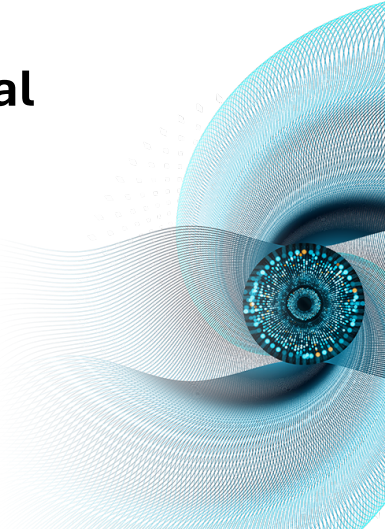
Early Career Gap Bridging

- Strengthening the Early-Career Bridge
- ASME’s Role in Career Advancement

Initial Approach: Structured Exploration Across 4 Topics

Research Process

- Developed **problem statements and research questions** for each area
- Identified **required datasets, stakeholders, and analytical methods**
- Initiated a **data call strategy**
 - Cross-functional data requests
 - Reviewed data collected for prior ECLIPSE projects
 - Stakeholder interviews



Initial Approach: Structured Exploration Across 4 Topics

Building Early Loyalty Among Student Community

- Engagement Tracking
- Student Value & Progression
- Credentials & Recognition System
- Conversion Pipeline Visibility

Strengthening the Early-Career Bridge

- Retention Modeling
- Volunteer vs Membership Dynamics
- Engagement Distribution
- Impact of Early Engagement

Converting “Club Members” into Active Members

- Definition & Data Structure
- Conversion Drivers
- KPIs & Measurement

ASME’s Role in Career Advancement

- Practical Engineering Impact
- Career-stage Support
- Career Outcome Linkage
- Ecosystem & Partnerships



Key Findings

» **Finding 1: The four topics are highly interconnected**

- Student engagement → drives conversion
- Conversion → impacts early-career retention
- Retention → depends on long-term value perception
- **Not separate problems**
- **One continuous lifecycle system**

» **Finding 2: A common underlying value system**

- Why do students stay? → perceived future value
- Why convert to members? → career relevance
- Why remain engaged → ongoing professional benefit
- **Career advancement is the unifying driver behind engagement**

» **Finding 3: Data is fragmented across the lifecycle**

- Limited tracking of student participation & engagement
- Incomplete visibility into conversion pathways
- **Data does not support four independent deep-dives**



Strategic Decision: Converging on One Core Question ASME's Role in Career Advancement

Student

Engagement

Conversion

Early Career

Retention

Long-term
Loyalty

Career advancement sits at the center of the entire lifecycle!

Greatest Impact

- Encompasses all other topics

Draws on Existing Data

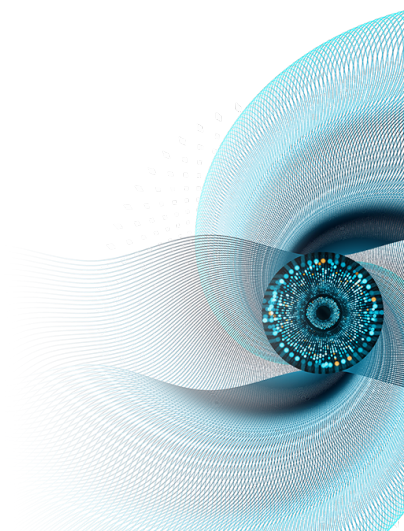
- Leverages existing qualitative insights
- Enable targeted data collection

Strategic Alignment

- Supports membership transformation
- Positions ASME as a long-term “career partner”

Career Advancement as a Member Benefit

Aman Ved Kalia



ASME Member Feedback

ASME Members –
especially early career members – see
career advancement
as among the top
benefits they get from
ASME Membership

Career Advancement Benefits of ASME Membership Identified by Renewing ECE members

Networking

To add ASME affiliation to my resume

Belonging to/interacting with a community of professionals

To meet people in my specific discipline, industry, and/or
area of study

To give back to my profession

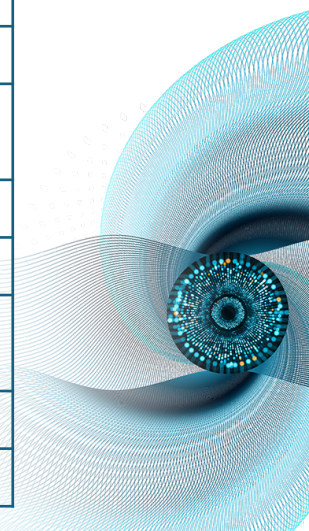
To learn more and stay updated on industry trends

Career resources including job postings, articles,
mentoring, webinars, etc.

Industry recognition and prestige

Free online/eLearning courses

Source: ASME Member Feedback Report FY25



FY25 Member Survey Findings

Analyzing benefit correlation with professional career acceleration

Positive Accelerators

42% **Targeted Networking**
Students join to meet people in their specific discipline.

Resume Validation: 39% ECEs join for ASME affiliation profile boost.

Skill Acquisition: Higher L&D course/webinar usage for technical edge.

Leadership Track: 30% seek influence via volunteer opportunities.

Career Resources: High demand for job boards and mentoring.

▲ **Strategic Insight: ECE vs. Student Needs**

Early Career Engineers (ECE) prioritize active professional utility (networking, L&D) over passive content. While Students seek affiliation for resume building, ECEs demand tangible tools for immediate workplace advancement.

Neutral / Maintenance Benefits

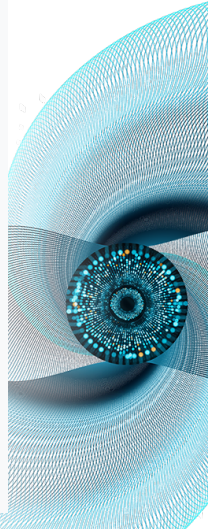
Passive Newsletters: Only 5% ECE usage vs 38% for retirees.

ME Magazine: Lower digital/print engagement (32% Students).

Insurance & Perks: Low usage (1-4%); viewed as non-essential.

Merchandise Discounts: Only 5% cite as a reason for membership.

Passive Knowledge Updates
Secondary motivator for ECEs compared to active networking.





Lovepreet Singh

Wood Mackenzie

Calgary, Canada; Gurugram, India

For me, ASME's greatest value has always been the sense of **community belonging** it provides within a global of professionals. My journey, from founding an ASME student chapter during my university days to leading social media programs for the ECEPC and participating in the ECLIPSE program, has been defined by the incredible people I've met.

Through ASME conferences and networking events, I've had the rare opportunity to sit at the same table as industry pioneers, learning directly from their experiences and perspectives. This networking has been vital throughout my career. Ultimately, ASME has been my primary vehicle to give back to the profession, allowing me to help build a supportive ecosystem for the next generation of engineers that helped me find my footing.

Strategic Growth: Closing the Career Value Gap

From Membership to Mentorship: Transforming passive affiliation into active career acceleration

The Mentoring Pivot

3% **Bridge the Mentoring Gap**
Current ECE usage is only 3%.
Opportunity to expand for the 10% of engineers aged 25-34 seeking active guidance.

Credentialing & Resume Value

39% **Formalize the "Resume Boost"**
Top driver for 39% of ECEs. Moving to Skill Badges for the 26% seeking formal industry recognition.

Localized Networking

11% **Revitalize Local Utility**
Usage drops from 18% to 11% post-graduation. Pivot to professional discipline-specific launchpads.

Gap Analysis: Expectation vs. Actual Usage

Mapping joined motivation against real-world engagement for ECE & Students

■ Expectation (Joined)
■ Reality (Actually Used)

Career Resources & Job Boards (ECE)



Local Section Engagement (Students)



Professional Skill-Building (ECE)

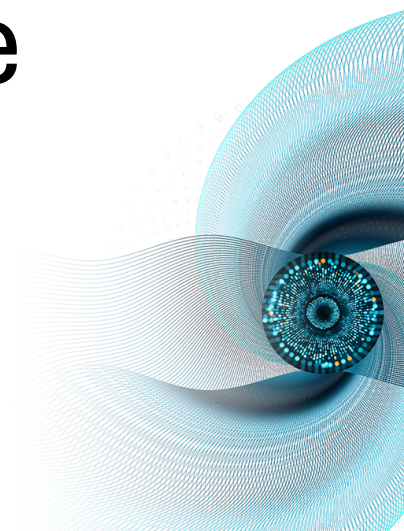


*Average of Career Insights (6%) and Mentoring Program (4%) usage. Deficit data proves a conversion problem, not a demand problem.

Takeaway: Early Career Engineers join with high expectations, but conversion to active usage is where the value is lost. Bridging the engagement gap by transforming ASME from an unguided menu of passive benefits into structured, credential-backed 'Career Pathways' is the priority.

Career Advancement Case Study: ECLIPSE

Clive Matsika



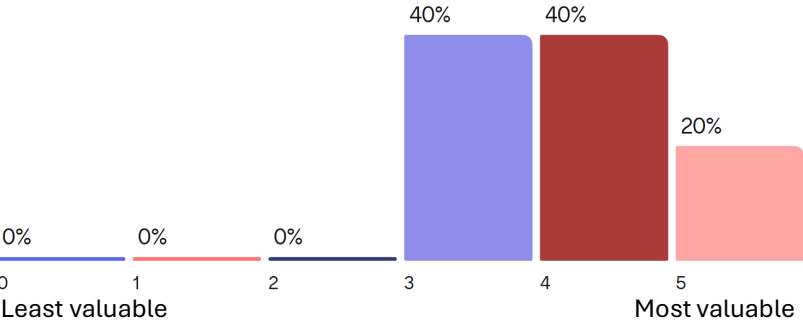
Career Advancement and the ECLIPSE Program

- The ECLIPSE program is focused on **leadership development**, which benefits participants in their ASME journey and in their professional lives
- Among current ECLIPSE members, **Networking and Access to Learning** were key motivators for participating in the program.
- ECLIPSE participants are **highly engaged ASME members**. They may see greater career advancement benefits as a result, and in turn be more likely to continue membership

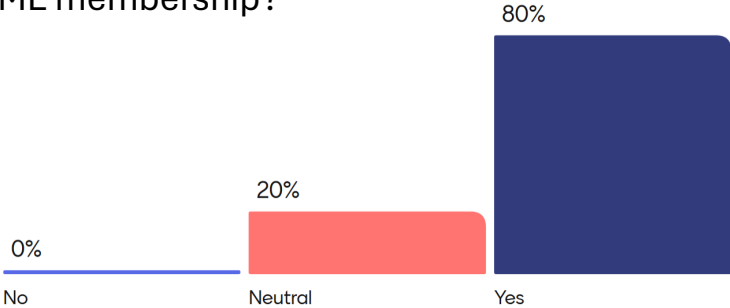


Feedback from Participants

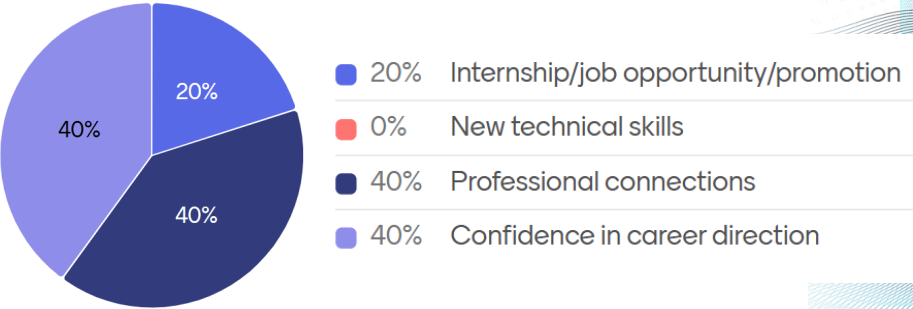
How valuable was ECLIPSE for your **career advancement**?



Did ECLIPSE increase your likelihood of renewing ASME membership?



Did participating in ECLIPSE help you gain any of the following?



As a graduate student I attended many ASME conferences, where I had the opportunity to present my research, learn from others and network with the community. Being a part of the ECLIPSE program allowed me to explore and participate in other branches of ASME. The ECLIPSE program also gave me **resources for professional, career and leadership development.**



Enakshi Wikramanayake, Ph.D.

Axiom Space
Houston, TX

Pilot: LinkedIn Learning for ECLIPSE

Feedback from **ECLIPSE alumni** highlighted a **desire for leadership training** throughout the program year. Adding LinkedIn Learning to the ECLIPSE program addresses this gap by providing **access to high-quality workshops and courses**.

This benefits both individual participants and ASME by:



BOOSTING
ENGAGEMENT



STRENGTHENING THE
LEADERSHIP PIPELINE



IMPROVING CORE
LEADERSHIP ABILITIES



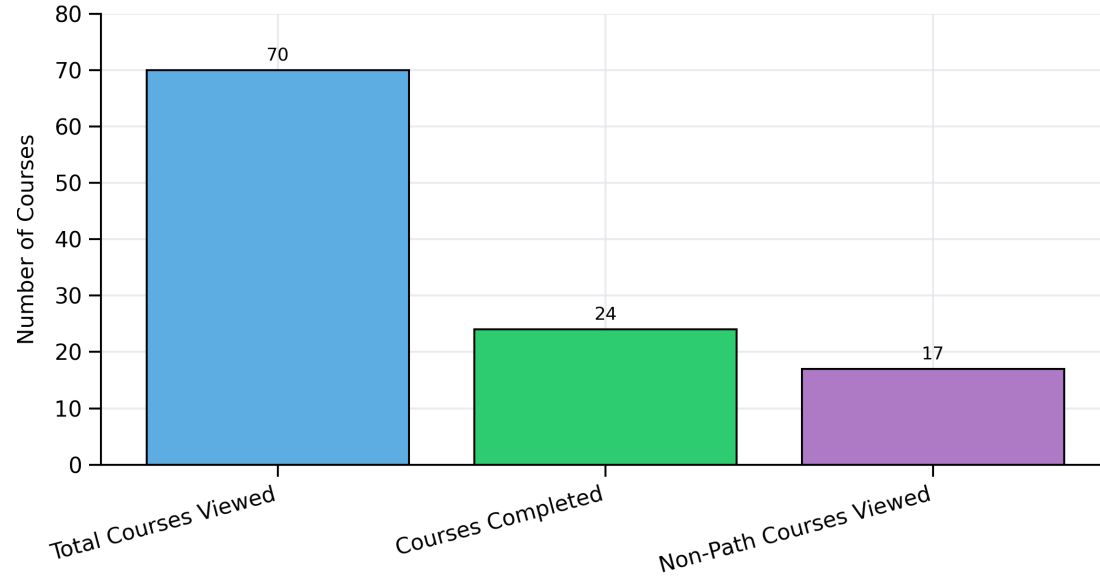
LEARNING

- ECLIPSE participants received access to LinkedIn Learning for the duration of their program.
- ASME's Talent Development staff worked with the ECLIPSE team to develop a learning path featuring courses that align with the program goals. Courses included:
 - Emerging Leader Foundations
 - Meeting Facilitation
 - Being a Good Mentee
 - Presenting to Senior Executives
 - Data Visualization: Storytelling
- To enhance the online learning experience, ECLIPSE participants led periodic discussions with their peers on the courses from the pathway.

LinkedIn Learning Engagement

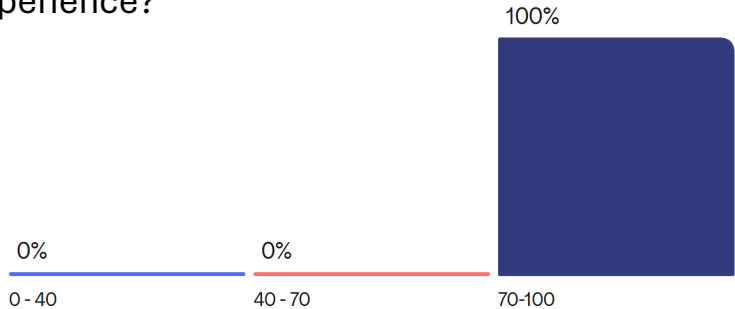
As of May 1, 2026

- 100% of ECLIPSE participants used LinkedIn Learning and completed at least half of the learning path.
- 40% of participants completed the 5-course learning path.

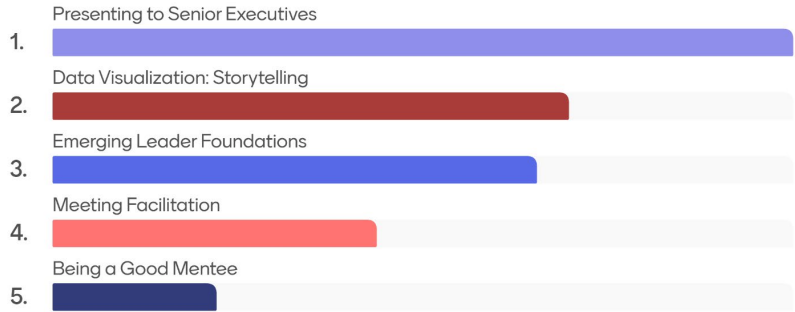


ECLIPSE Experience with LinkedIn Learning

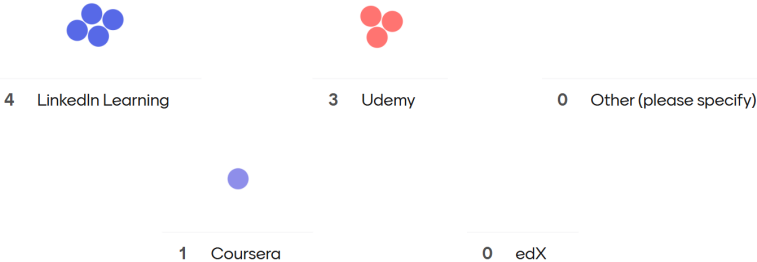
How did the inclusion of LinkedIn Learning increase the value of the overall ECLIPSE experience?



Which LinkedIn Learning topics were most valuable?

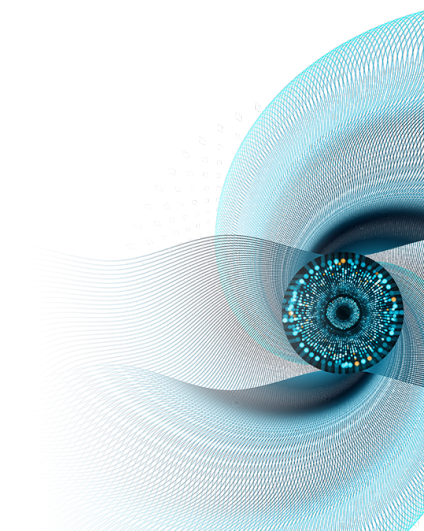


Which learning platforms did you use for career advancement during ECLIPSE?



Conclusion

Edwin Caizalitín Quinaluisa



What did we find?

- Benefits that help career advancement are among the top perks ASME has to offer, especially for Early Career Members.
- Notably, many of the career advancement benefits members find from ASME are non-technical in nature
- Career advancement benefits can be grouped into 3 categories:



Affiliation

Being part of a recognized global organization



Networking

Connecting with others in the profession



Learning

Building skills and staying informed

Conclusion

ASME Career Advancement Benefits: Current State

Affiliation

Affiliation requires minimal effort from ASME; it is the benefit members see from being connected to ASME.

Example of this benefit include:

Listing ASME affiliation on resume, LinkedIn

Industry recognition and prestige associated with ASME

Digital Badges offered by ASME

Networking

Networking was the number one benefit identified by ECEs and our own ECLIPSE class.

Examples of this benefit include:

Professional and student section activities

Conference networking

Learning

Learning and staying on top of industry trends is a key reason people want to be part of ASME.

Examples of this benefit include:

Learning & Development offerings

Mentoring Program

Newsletters and publications

Conclusion

ASME Career Advancement Benefits: Future Opportunities

Affiliation

How can ASME highlight affiliation as a benefit?

Expand digital badging

Promote employer support

Opportunity for “Verified” members or similar

Follow through with student award, competition, and scholarship recipients for continued engagement

Networking

How can ASME expand opportunities to network?

Venues for students to connect with industry

Enhance conference networking by leveraging conference apps

Help to bridge the gap between academia and industry

Learning

How can ASME provide greater support for learning among members?

Grow participation in Mentoring

Offer enhanced learning opportunities for volunteers (e.g. LinkedIn Learning pilot)

Potential for joint memberships or discounts with non-competitor organizations (e.g., PMI)

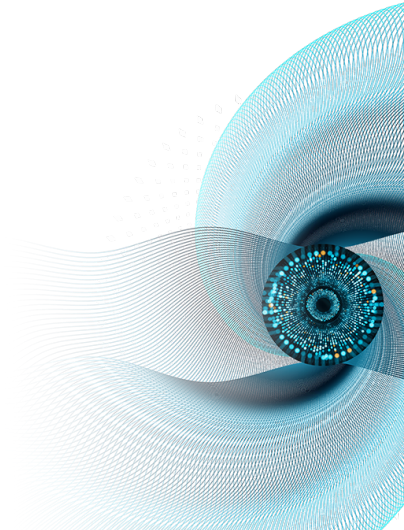


Paul Adedeji, Ph.D.

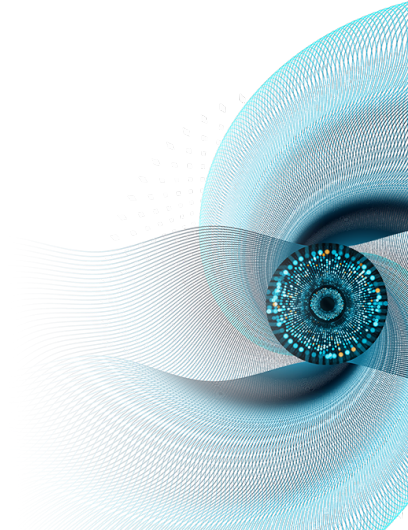
University of Johannesburg
York, United Kingdom

ASME has provided me with a rare opportunity to **give back to my profession** as a Volunteer under Sections Engagement Sector. Currently, the level of networking with other professionals in my field ASME provides me with post-ECLIPSE programme through the VOLT is important for my career pathway in the short and long term. On the longer term, I plan to contribute to ASME in areas that make her value proposition clearer to Mechanical Engineers globally.

Questions?



Thank you!





Board of Governors Meeting Agenda Item Cover Memo

Date Submitted:	May 11, 2026
BOG Meeting Date:	June 8, 2026
To:	Board of Governors
From:	Senior Vice Presidents
Presented by:	Jennifer Jewers-Bowlin, Pierre Larochelle, Thomas Lavertu, Tom Vogan, Rick Cowan
Agenda Title:	Sector Reports

Agenda Item Executive Summary:

Each Senior Vice President will provide a short summary providing an update on sector activities.

Proposed motion for BOG Action: **none**

Attachment(s): **Sector Reports**

Report to the Board

Student & Early Career Development Sector (SECD)
November 2025 – June 2026

Please provide a report to the Board of Governors on the activities of your unit. This report should be as succinct as possible and should cover the fiduciary responsibility of your unit. This report should not exceed one page.

Top Key Accomplishments and their Impact:

- US EFx events were condensed from multiple events in FY25 to two events in FY26 to attract critical mass. This worked well and will continue to be implemented – EFx Dallas College, an ASME Community College Engineering Pathways (CCEP) school, had over 400 attendees and EFx UCF had nearly 300 attendees.
- Travel grant money was offered to the two US EFx events to student sections in good standing. Fourteen schools applied and were approved. We look forward to this continuing in FY27 and boosting the number of schools and sections that apply.
- In-person student competitions continue to grow (1950 students competed in FY26 vs 1591 students competed in FY25).

Challenges:

- Two April EFx events in Pakistan were postponed due to regional geopolitical events.
- E-Fest Careers piloted a series of regional events vs a one-day event. Overall satisfaction remained high; however registration and attendance were down. The pilot was conducted to reduce event platform expenses (hosted on Zoom vs PheedLoop) and to focus on content and timings more conducive to LATAM, APAC, MENA and North America. The E-Fest Steering Committee, with input and guidance from SECD will make a path forward recommendation(s) for this event by the end of the fiscal year.
- E-Fest Tech Connect hosted three vs four virtual competitions as a cost savings measure. Overall attendance and satisfaction for the event and competitions remain high, however the Graduate School Video Competition (year 2 of the competition) attendance remains low.
- Early Career and K-12/Pre-College portfolios remain paused after the 2025 Programs Review & Optimization Study (PROS). Future plans involve working with a consultant in FY27 to determine the best path forward for both portfolios.

Other information:

(This can include new ideas/opportunities, next step actions and major meetings not covered in the top key accomplishments.)

Report to the Board

Section Operations

November 2025 – June 2026

Section Operations continues to demonstrate steady progress in strengthening member engagement, rebuilding critical pipelines, and modernizing infrastructure to support long-term growth. This year reflects a deliberate balance between stabilization and forward momentum, particularly in student engagement, professional section activation, and digital transformation.

Student sections remain a key priority rebuilding the student pipeline following significant disruption in recent years.

- **Recognition & Development:**
 - Achievement award recipients increased from 68 to 86
 - New virtual onboarding training was launched, engaging 43 students from 25 global sections
- **Section Growth:**
 - 44 new student sections established in FY26 (as of May 11), following 48 in FY25
- **Digital Community Expansion:**
 - Student Discord membership increased significantly from 2,010 to 3,412

These results reflect a successful rebuilding strategy and targeted investment in student outreach. The emphasis on onboarding, recognition, and digital community building is effectively reinforcing the long-term health of the membership base and strengthening the transition into professional engagement.

Professional Sections, the backbone of sustained member engagement, have stabilized and are showing signs of renewed momentum. Strategic optimization of the network has improved service delivery in key regions, while maintaining overall scale. Activity levels remain consistent, with strong participation across technical, networking, and community-focused programming.

- **Event Engagement:**
 - 467 events hosted in FY26 (on pace to surpass FY25 levels)
 - Expanded programming variety tailored to younger member interests
- **Community Impact Month**
 - 68 events conducted (up from 45 in prior year)
 - 904 reported participants (as of May 11)
 - Participation across **international and U.S. locations**
 - Activities included: STEM outreach (K-12), Habitat for Humanity builds, Environmental restoration, Food banks and community care programs

Community engagement has emerged as a major driver of member connection and organizational visibility and is not limited to April activities.

- **Ongoing Community Engagement**
 - 85 additional activities conducted outside of the official month
 - **Student Sections led the majority of impact:** 77 activities with over 5,400 participants
 - **Professional Sections:** 8 events with 137 participants

Community engagement is becoming a defining aspect of member experience driving significant scale and impact, reinforcing both brand visibility and purpose alignment.

At the same time, Section Operations is making important progress in **digital transformation and operational infrastructure**. The deployment of the vFairs registration platform introduces a standardized approach to event management, improving both participant experience and the organization's ability to capture and analyze engagement data. A phased rollout is underway, with pilot programs informing broader adoption. This investment represents a foundational step toward a more data-driven, scalable event ecosystem.

Several targeted operational initiatives are also addressing longstanding structural challenges. Efforts to improve membership data accuracy, expand communication reach, and standardize branding are expected to yield significant benefits in engagement and efficiency. In particular, work to enhance the preference center and increase email deliverability is critical to ensuring that sections can effectively reach and activate their members. In parallel, development of an enterprise-level event dashboard is advancing, with an initial version nearing completion. This will provide improved visibility into activity across the network and support more informed decision-making.

Report to the Board
Public Affairs & Outreach Sector
November 2025 – June 2026

Top Key Accomplishments and their Impact:

The Sector's **Committee on Engineering Education (CEE)** provided support to staff and organizers of the 2026 ASME Mechanical Engineering Education Conference ([MEEd 2026](#)) which was a resounding success! Held March 29-31, 2026, at George Mason University, Fairfax, VA, MEEd 2026 had the largest attendance in the past 10 years+. Event highlights included the keynote address given by the current president of the National Academy of Engineering, Dr. Jay King Liu.

The CEE is also:

- Beginning a review and update of the *ASME Vision 2030* study, which addressed long term curriculum reform through both US and international strategies;
- Seeking greater representation from MEDHC, METLC, and industry to support a new Future Engineering Workforce volunteer working group that the Committee on Government Relations (CGR) is leading to ensure that these key constituencies are represented in the development of ASME positions on workforce development;
- Continuing discussion on ABET and AI from MEEd and moving forward with curating sample PEOs that would relate to graduate abilities with AI.

The Sector's **Committee on Government Relations (CGR)** continued grassroots outreach support on ASME's legislative priorities, including the Pro Codes Act and FY26 federal appropriations priorities. CGR also supported the IAB Meeting April 21-22, recruiting speakers Stephen Duall, Deputy Chief, Space Bureau, Federal Communications Commission; Stephen Ezell, Vice President, Global Innovation Policy, Information Technology & Innovation Foundation (ITIF); and Dr. Jean-Paul Allain, Director of the Office of Fusion, U.S. Department of Energy.

Staff also coordinated 20 ASME member volunteers – 9 BOG/11 IAB – to conduct 65 Congressional visits connecting with offices from 11 states. Talking points focused on FY26 federal funding support for basic research consistent with prior year level of support and STEM workforce development issues, highlighting ASME's initiatives within community colleges and apprenticeships. The CGR followed with its own Spring Meeting and Congressional Visit Program on May 20th, adding 11 visits by 4 CGR members.

The Sector's **Committee on Engineering for Sustainable Development (ESD)** continues to collaborate with the Committee on Sustainability to plan for the merger of these two entities. Recruitment is underway for a new ESD and secretary (terms expiring FY26).

Challenges:

Recruiting members, especially into leadership roles, continues to be a challenge. The PAO Council has two Members at Large whose terms are expiring on July 1st. The Committee on Government Relations currently has openings for two Members at Large.

Report to the Board

TEC Sector (Technical & Engineering Communities)

November 2025 – June 2026

Top Key Accomplishments and their Impact:

The portfolio rationalization and optimization (PROS) process has become an embedded theme for the TEC Sector and how we operate. We started with 36 Divisions, 8 Technology Groups, 4 Research Committees, and 30+conferences – many of which were not adding value nor helping TEC Sector move toward the future. TEC has streamlined the portfolio to 30 Divisions and 18 conferences – including 2 new Divisions and 2 new conferences – without losing content or revenue – and has positioned itself for growth and continual improvement. This has been key for the TEC Sector to better utilize resources which improves the financial picture of TEC. The long-term goal for the TEC Sector is to be break even financially.

Key accomplishments for the TEC Sector include new conferences and divisions that will help further TEC's ultimate goal of housing all of TEC's portfolio within the technical Domains. TEC's future portfolio will encompass technical communities and conference platforms specific to and under each Domain. The energy week event will be the first event that we are working toward with this kind of format – a conference platform that engages audiences in various mediums leading up to and culminating in the on-site conference, with follow-up activities post-conference, thus engaging the technical community throughout the year, not just at the conference.

New conferences and divisions include:

- NuART – Nuclear and Advanced Reactor Technology Division, Energy Domain
 - The Executive Committee makeup includes industry, government, and academia. EC members are currently developing their division strategy which will include a new Nuclear and Advanced Reactor event to be held in conjunction with TEC's new energy week event
- TSD – Transportation Systems Division, Transportation Domain
 - A merger of Internal Combustion Engine and Rail Transportation Divisions, their strategic focus is on land and sea transportation, and will debut their new event, DRIVN, this September featuring keynote speakers from GM and Bosch.
- Other development areas include fusion, sustainable waste management and material recovery; and possible collaboration with DMG Events and NuART and their Global Energy Show for gathering systems (pipeline).
- Additionally, TEC Council is organizing ongoing strategy roundtables, focusing on a different Domain each time, most recently was the Energy Strategy Roundtable and we plan to hold a Manufacturing Strategy Roundtable in early FY27.

Challenges:

Challenges for TEC continue to be global uncertainty, higher costs of doing business, visa issues, and travel fears. We have managed to mitigate some of these challenges and have done well outside of North America, but lag behind inside North America. These challenges have had an impact on the pipeline event in partnership with Aramco, which is now delayed.

Other information:

- Internally we are currently working on the TEC Systems Strategy, aligning ourselves with Strategy and IT for the next several years to improve CX.
- We expect to switch to Wiley's conference webtool in the future.
- The Offshore Technology Conferences (OTC) are being reimagined to stay with the times (assisted by Tom C. and the Petroleum Division OTC Board representative)
- TEC is working with both Marketing and Corporate Communications on its new structure to ensure we continue a growth path for attendance, content and revenue. Revenue growth is key to helping support current and future staff needs.
- TEC Council and TEC staff are working together to develop a sustainable financial model that will ensure the funding of future activities.

Report to the Board of Governors Standards & Certification Sector

November 2025 – June 2026

Standards & Certification Sector continues to grow in manufacturer certification, volunteer engagement, and participation in standards development, particularly in new nuclear, digital engineering, and advanced manufacturing.

Sector: Council, 7 supervisory boards, 80+ active committees, 600+ sub-groups/working groups, and **6,505 volunteers with 74% domestic and 26% international. 550+ active products.**

Standards: A primary driver of direct, global ASME-Industry collaboration.

- **Plant Systems Design (PSD-1) published.** ASME's first technology-agnostic, model-based enterprise standard for high-hazard industries supports NRC requirements for nuclear construction and risk-informed, performance-based design.
- **Fusion code development expanded.** ASME reached agreement with JSME to incorporate Tokamak research into Section III, Division 4. Membership grew from **50 to 65** since November 2025; the May 2026 fusion workshop drew **90 attendees**, and committee meetings had attendance from **172 guests**.
- **Additive manufacturing momentum increased.** The A3M committee is advancing standards and Code Cases for pressure-retaining items and conformity assessment. Meets regularly at BCW and virtually. Attendance is increasing – **29 in November, 48 in May. First draft of the standard circulated for review on April 10, 2026.** Code Cases for use of AM are being developed for use in other codes and for conformity assessment.
- **VVUQ standards and participation continue to grow.** With 9 V&V standards committees and [VVUQ Symposium](#) growth of **11% annually**, ASME is increasingly recognized as the leading standards developer for verification, validation, and uncertainty quantification. May 2026 symposium was hosted by Vanderbilt University. **New: AI/ML, Energy Systems, Pharma, Airframes.**
- **Model Based Enterprise.** ASME's MBE-1 standard contains rules, guidance, and examples for the creation, use and reuse of model-based datasets, data models, and related topics. Established a 25-member joint committee with volunteers from ASME's Y14 committee to identify gaps and promote interoperability.

Certifications and Conformity Assessment: ASME now certifies **7,000+** companies worldwide, with **100 new** certificate holders seeking access to U.S. and other regulated markets. FY26 retention is strong at **87.8%**, above the **87.5%** target. Growth efforts continue in India and Southeast Asia. **65%** of certificate holders indicate regulatory compliance as a top factor. Up from **62%** in FY25. ASME is exploring new technology to modernize operations.

Challenges

- **Federal funding constraints:** Reduced NRC and DOE in-person participation in standards development may slow standards adoption during regulatory review.
- **Leadership pipeline:** Recruiting committee and board leaders remains difficult as many subject-matter experts prefer technical work over administrative roles. Council will facilitate leadership development activities.
- **Fusion materials:** New materials are needed for fusion applications; if others move faster, ASME risks reduced relevance in this area.

Other information:

Since February, the sector has used the Swapcard ("ASME Conferences") app for meetings; the May 2026 BCW was the first in-person S&C event to use it. BNCS members also participated in the Advanced Reactor Codes & Standards Collaborative. New volunteer recruitment and retention are key to ASME's continue success.

Summary: The sector is demonstrating strong momentum in standards development, certification growth, and volunteer engagement, with notable progress in nuclear, digital engineering, and advanced manufacturing. Continued success will depend on support for continued international growth, systems modernization, sustaining volunteer leadership capacity, regulatory engagement, and technical relevance in emerging areas such as fusion.