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**DRAFT AGENDA – OPEN SESSION
FY26 BOARD OF GOVERNORS MEETING
HILTON ORLANDO, Orlando, Florida
6001 Destination Parkway – Room Lake Mizell
Saturday, June 6, 2026 – 10:00 am to 12:00 pm (EDT)**

TECHNICAL TOUR AND BREAKFAST (6:45 am – 9:45 am)

1. Opening of the Meeting (Start Time 10:00 am)

- 1.1. Call to Order
Lester Su
- 1.2. Adoption of the Agenda ACTION
- 1.3. President’s Remarks (10 minutes) INFORMATION
Lester Su
- 1.4. Executive Director/CEO’s Remarks (10 minutes) INFORMATION
Tom Costabile
- 1.5. Consent Items for Action ACTION

Identification of items to be removed from Consent Agenda

Consent Items for Action are matters that the Board is asked to take action on as a group. Governors are encouraged to contact ASME Headquarters with their questions prior to the meeting as it is not expected that consent items be removed from the agenda.

- 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 (5 minutes) INFORMATION
Bill Garofalo
- 2.2. ASME Foundation Contributions (10 minutes) ACTION
Bill Garofalo
- 2.3. Comments from Outgoing Board Members (30 minutes) INFORMATION
Senior Vice Presidents and ECLIPSE Member
Alma Fallon, Monica Moman-Saunders, Tara McMahan,
Rick Cowan, Tom Vogan, Brandon Graham,
Kathryn Jablokow and Dave Schlesinger

- 2.4. Reflections on the Past Year (10 minutes) INFORMATION
 Lester Su
- 2.5. ECLIPSE Project Presentation (45 minutes) INFORMATION
 Class of FY26 Participants

3. New Business

4. Open Session Information Items

- 4.1. Sector Reports – SECD, SES, PA&O, TEC and S&C
- 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

LUNCH – Lake Down (45 minutes)

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

<p><u>Zoubeida Ounaies</u>, Ph.D., Member Pennsylvania State University University Park, PA 16801</p>		<p>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</p>
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ALLAN KRAUS THERMAL MANAGEMENT MEDAL

<p><u>Rajiv Mongia</u>, Ph.D., Member Intel Corporation Hillsboro, OR 97124</p>		<p>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</p>
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ARTHUR L. WILLISTON MEDAL

Winner

<p><u>Kathryn Gray</u>, Member Southern Star Central Gas Pipeline Owensboro, KY 42301</p>		<p>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</p>
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Second-place

<p><u>Adhiga M S</u>, Member Mercedes-Benz India Private Limited India</p>		<p>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</p>
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AVRAM BAR-COHEN MEMORIAL MEDAL

<p><u>Ali Heydari</u>, Ph.D. Nvidia Santa Clara, CA 95051</p>		<p>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</p>
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AYYUB-WIECHEL RISK ANALYSIS AWARD

<p><u>Faisal Khan</u>, Ph.D., Member Texas A&M University College Station, TX 77843</p>		<p>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</p>
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BARNETT-UZGIRIS PRODUCT SAFETY DESIGN AWARD

<p><u>Yan Fu</u>, Ph.D., Fellow Ford Motor Company Dearborn, MI 48120</p>	<p>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</p>
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BEN C. SPARKS MEDAL

<p><u>Ivana Milanovic</u>, Ph.D., Fellow University of Hartford West Hartford, CT 06117</p>	<p>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</p>
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BERGLES-ROHSENOW YOUNG INVESTIGATOR AWARD IN HEAT TRANSFER

<p><u>Tianli Feng</u>, Ph.D., Member University of Utah Salt Lake City, UT 84112-1109</p>	<p>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</p>
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BERNARD F. LANGER NUCLEAR CODES AND STANDARDS AWARD

<p><u>Maury Pressburger</u>, Ph.D., Member Sargent & Lundy, LLC. Chicago, IL 60603-5713</p>	<p>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</p>
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CHARLES RUSS RICHARDS MEMORIAL AWARD

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

Gold

<p><u>Mohamed Yasser</u>, Member Cairo University Egypt</p>	<p>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</p>
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Silver

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

<p><u>H. Christopher Frey</u>, Ph.D. North Carolina State University Raleigh, NC 27695-7901</p>		<p>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</p>
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EDWIN F. CHURCH MEDAL

<p><u>N.K. Anand</u>, Ph.D., Fellow Texas A&M University College Station, TX 77843</p>		<p>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</p>
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DANIEL C. DRUCKER MEDAL

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

<p><u>Jacalynn Sharp</u>, Ph.D., Member John Hopkins Applied Physics Laboratory Laurel, MD 20723</p>		<p>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</p>
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EDWARD GROOD INTERDISCIPLINARY TEAM SCIENCE MEDAL IN BIOENGINEERING

<p><u>Steven Abramowitch</u>, Ph.D., Member University of Pittsburgh Pittsburgh, PA 15260</p> <p><u>Pamela Moalli</u>, Ph.D. University of Pittsburgh Pittsburgh, PA 15260</p>		<p>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</p>
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FLUIDS ENGINEERING AWARD

<p><u>Alfredo Soldati</u>, Ph.D. Institute of Fluid Mechanics and Heat Transfer Austria</p>		<p>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</p>
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FRANK KREITH ENERGY AWARD

<p><u>David Claridge</u>, Ph.D., Fellow Texas A&M University College Station, TX 77843</p>		<p>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</p>
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GEORGE WESTINGHOUSE GOLD MEDAL

<p><u>Somrat Kerdsuwan</u>, Ph.D. Mongkut's University of Technology Thailand</p>		<p>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</p>
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GUSTUS L. LARSON MEMORIAL AWARD

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

<p><u>Sandra Boetcher</u>, Ph.D., Fellow Embry-Riddle Aeronautical University Daytona Beach, FL 32114</p>		<p>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</p>
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SCIENCE

<p><u>Xiulin Ruan</u>, Ph.D., Member Purdue University West Lafayette, IN 47907</p>		<p>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</p>
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ART

<p><u>Debjyoti Banerjee</u>, Ph.D., Fellow Texas A&M University College Station, TX 77843-3123</p>		<p>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</p>
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HENRY LAURENCE GANTT MEDAL

<p><u>Robert M. Wagner</u>, Ph.D., Fellow Oak Ridge National Laboratory Knoxville, TN 37932-1563</p>		<p>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</p>
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HENRY R. WORTHINGTON MEDAL

<p><u>Ashvin Hosangadi</u>, Ph.D., Member Combustion Research and Flow Technology Inc. Pipersville, PA 18947</p>		<p>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</p>
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HOLLEY MEDAL

<p><u>Jay P. Gore, Ph.D.</u>, Fellow Purdue University West Lafayette, IN 47907</p>		<p>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</p>
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H.R. LISSNER MEDAL

<p><u>Michael S. Sacks, Ph.D.</u>, Member University of Texas at Austin Austin, TX 78712</p>		<p>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</p>
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INTERNAL COMBUSTION ENGINE AWARD

<p><u>Margaret Wooldridge, Ph.D.</u>, Fellow University of Michigan Ann Arbor, Mi 48109</p>		<p>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</p>
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JOHN J. MONTGOMERY AEROSPACE MEDAL

<p><u>Fuh-Gwo Yuan, Ph.D.</u>, Member North Carolina State University Raleigh, NC 27695</p>		<p>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</p>
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JOHNSON & JOHNSON CONSUMER COMPANIES, INC. MEDAL

<p><u>Jennifer Atchison, Ph.D.</u>, Member Drexel University Philadelphia, PA 19104</p>		<p>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</p>
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KATE GLEASON AWARD

<p><u>Margaret Bailey, Ph.D.</u>, Member Retired</p>		<p>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</p>
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LAKSHMI SINGH EARLY CAREER LEADERSHIP AWARD

<p><u>Leila Aboharb, Member</u> Cornell Laboratory for Accelerator-based Ithaca, NY 14850</p>		<p>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</p>
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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

<p><u>Masahiko Mori</u>, Ph.D. DMG Mori Co. Ltd. Japan</p>		<p>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</p>
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MELVIN R. GREEN CODES AND STANDARDS MEDAL

<p><u>Gary Park</u>, Member Retired</p>		<p>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</p>
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NADAI MEDAL

<p><u>Samuel Forest</u>, Ph.D., Member Mines Paris PSL University Paris</p>		<p>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</p>
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OUTSTANDING STUDENT SECTION LEADER AWARD

<p><u>Muhammad Alam Zaib</u>, Member University of Engineering & Technology Peshawar Pakistan</p>		<p>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</p>
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PATRICK J. HIGGINS MEDAL

<p><u>Steven Wallace</u>, Member Boeing Seattle, WA 98124-2207</p>		<p>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</p>
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PER BRUEL GOLD MEDAL FOR NOISE CONTROL AND ACOUSTICS

<p><u>Dan Zhao</u>, Ph.D., Member University of Canterbury New Zealand</p>		<p>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</p>
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PERFORMANCE TEST CODES MEDAL

<p><u>Juliusz Kirejczyk</u>, Ph.D., Member Retired</p>	<p>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</p>
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RALPH COATS ROE MEDAL

<p><u>Guru Madhavan</u>, Ph.D., Fellow National Academy of Engineering Washington, DC 20001</p>	<p>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</p>
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ROBERT E. KOSKI MEDAL

<p><u>Katharina Schmitz</u>, Ph.D., Member RWTH Aachen University Germany</p>	<p>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</p>
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ROBERT HENRY THURSTON LECTURE AWARD

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

<p><u>Kristen Billiar</u>, Ph.D., Fellow Worcester Polytechnic Institute Worcester, MA 01609</p>	<p>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</p>
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R. TOM SAWYER AWARD

<p><u>Kenichiro Takeishi</u>, Ph.D., Fellow Osaka University Japan</p>	<p>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</p>
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RUFUS OLDENBURGER MEDAL

<p><u>Naomi Leonard</u>, Ph.D., Member Princeton University Princeton, NJ 08544</p>	<p>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</p>
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RUTH & JOEL SPIRA OUTSTANDING DESIGN EDUCATOR AWARD

<p><u>William Durfee</u>, Ph.D., Member University of Minnesota Minneapolis, MN 55455</p>	<p>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</p>
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SAFETY CODES AND STANDARDS MEDAL

<p><u>Lawrence Means</u>, Member Means Engineering & Consulting P.C. Helena, MO 64459-7503</p>	<p>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</p>
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SAVIO L-Y. WOO TRANSLATIONAL BIOMECHANICS MEDAL

<p><u>Francis Loth</u>, Ph.D., Fellow Northeastern University Boston, MA 02115</p>	<p>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</p>
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SIA NEMAT-NASSER EARLY CAREER AWARD

<p><u>Anna Tarakanova</u>, Ph.D., Member University of Connecticut Storrs, CT 06269-3139</p>	<p>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</p>
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SOICHIRO HONDA MEDAL

<p><u>Massimo Guiggiani</u>, Ph.D. Università di Pisa Italy</p>	<p>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</p>
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SPIRIT OF ST. LOUIS MEDAL

<p><u>Azad Madni</u>, Ph.D., Member University of California Los Angeles Los Angeles, CA 90064</p>	<p>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</p>
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S.Y. ZAMRIK PVP MEDAL

<p><u>Gery Wilkowski</u>, Ph.D., Fellow Engineering Mechanics Corporation of Columbus Columbus, OH 43221</p>	<p>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</p>
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THOMAS A. EDISON PATENT AWARD

<p><u>Satyandra K. Gupta</u>, Ph.D., Fellow University of Southern California Los Angeles, CA 90089</p>		<p>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</p>
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VAN C. MOW MEDAL

<p><u>Alisa Morss Clyne</u>, Ph.D., Member University of Maryland College Park, MD 20742</p>		<p>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</p>
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TIMOSHENKO MEDAL

<p><u>Nancy R. Sottos</u>, Ph.D., Member University of Illinois Urbana-Champaign Urbana, IL 61801</p>		<p>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</p>
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WARNER T. KOITER MEDAL

<p><u>David Steigmann</u>, Ph.D. University of California, Berkeley Berkeley, CA 94720</p>		<p>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</p>
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Y.C. FUNG EARLY CAREER AWARD

<p><u>Amirhossein Arzani</u>, Ph.D., Member University of Utah Salt Lake City, UT 84112</p>		<p>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</p>
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ZDENĚK P. BAŽANT MEDAL

<p><u>Sinan Keten</u>, Ph.D., Fellow Northwestern University Evanston, IL 60208</p>		<p>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</p>
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**LITERATURE AWARDS
BLACKALL MACHINE TOOL & GAGE AWARD**

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

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

<p><u>Krishnan Mahesh</u>, Ph.D., Member University of Michigan Ann Arbor, MI 48109</p>		<p>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</p>
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GAS TURBINE AWARD

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

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

<p><u>Tony Jun Huang</u>, Ph.D., Fellow Duke University Durham, NC 27708</p>		<p>For foundational publications and enduring, transformative contributions that pioneered the field of surface acoustic wave microfluidics and defined its fundamental principles, architectures, and impact</p>
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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
Zhiqun 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:

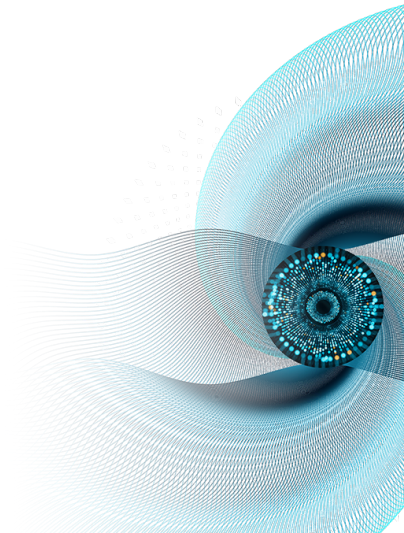
The members of the FY26 ECLIPSE program will present their project called, “ASME’s Role in Supporting Career Advancement”.

Proposed motion for BOG Action: None

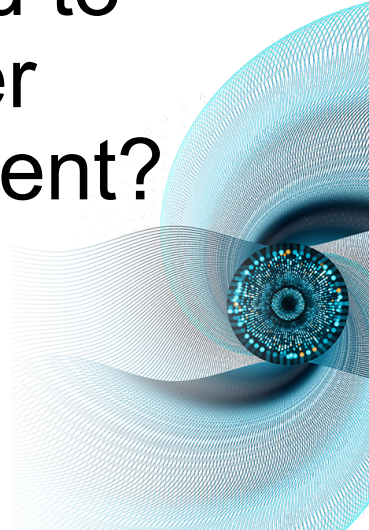
Attachment(s): PowerPoint presentation

ASME's Role in Supporting Career Advancement

ECLIPSE Class of 2026

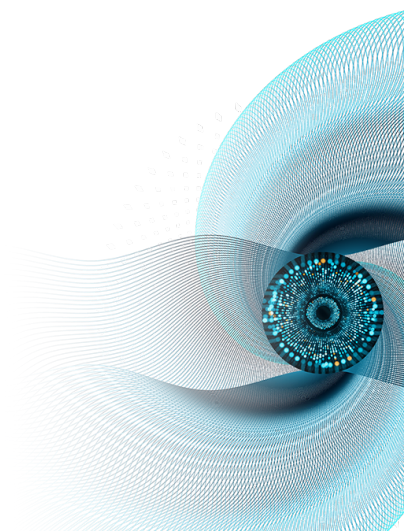


Has ASME contributed to your career advancement?



Introduction

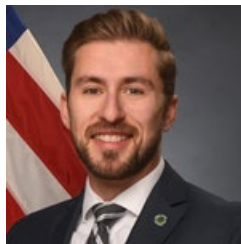
Clive Matsika



ECLIPSE Class of 2026 Members



Clive Matsika
Student & Early Career
Development Sector (SECD)



Brandon Graham
Board of Governors



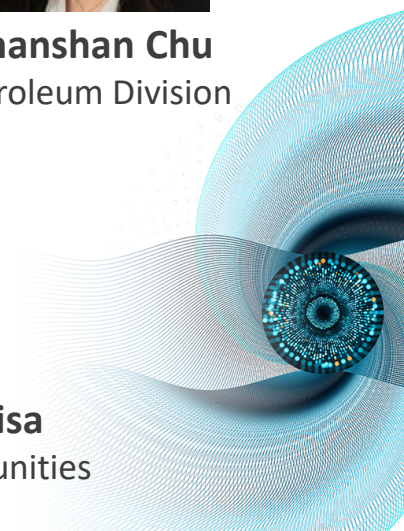
Shanshan Chu
Petroleum Division



Aman Ved Kalia
Section Engagement Sector (SES)

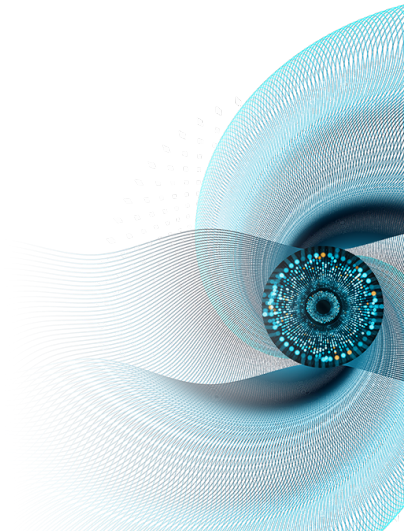


Edwin Caizalitín Quinaluisa
Technical & Engineering Communities
Sector (TEC)



Presentation Overview

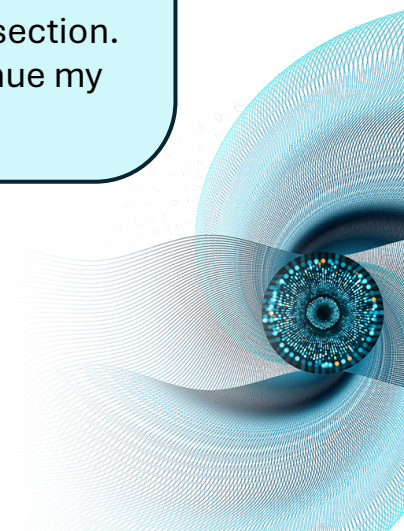
- **Introduction**
- **Context: Prior ECLIPSE Work**
- **Defining Our Focus**
- **Career Advancement as a Member Benefit**
 - Data and background
 - Insights from Members
 - Real career stories
- **Career Advancement Case Study: ECLIPSE**
 - Career Benefits and the ECLIPSE Program
 - Linked In Learning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





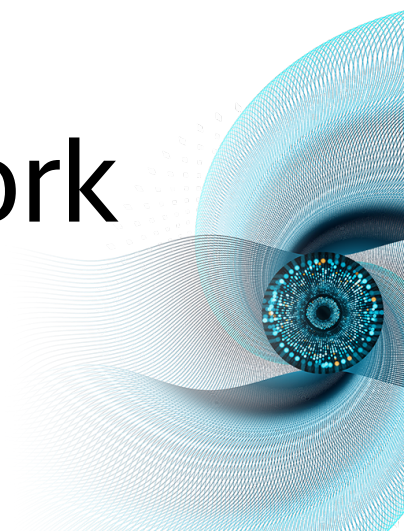
Richard Hollenbach III, Ph.D.
Exponent
Atlanta

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.



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.

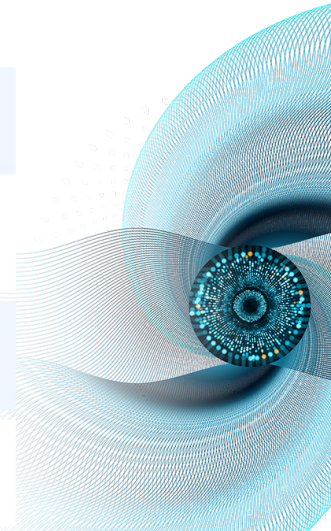
Delivered

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

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

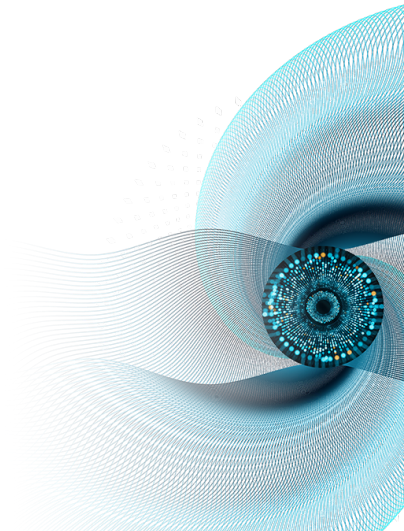


Volunteer Leadership

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

- Conversing on One Core Question

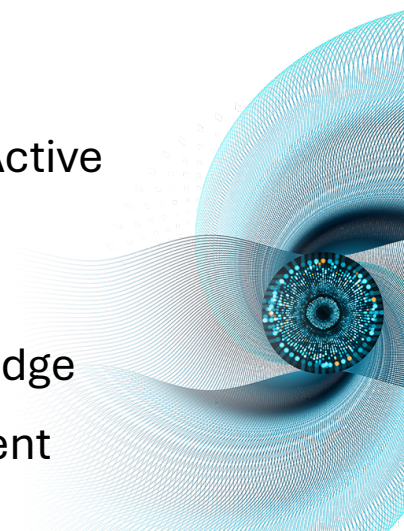
Two Themes, Four Topics:

Longterm Loyalty & Engagement Strategies

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

Early Career Gap Bridging

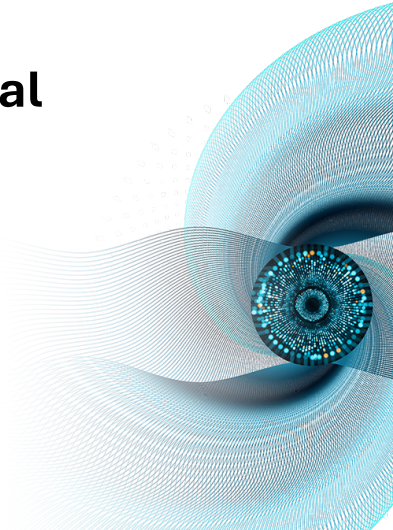
- Strengthening the Early-Career Bridge
- ASME’s Role in Career Advancement



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



Career advancement sits at the center of the entire lifecycle!

Greatest Impact

- Encompasses all other topics

Draws on Existing Data

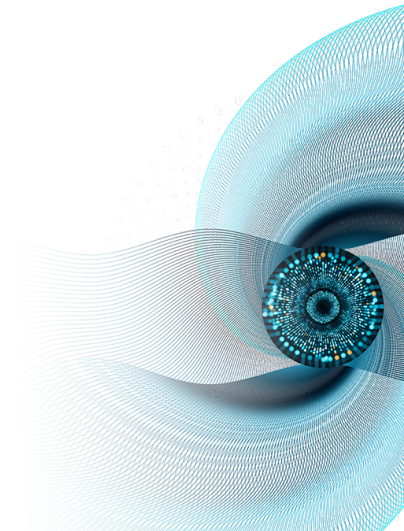
- Leverages existing qualitative insights
- Enable targeted data collection

Strategic Alignment

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

Career Advancement as a Member Benefit

Aman Ved Kalia

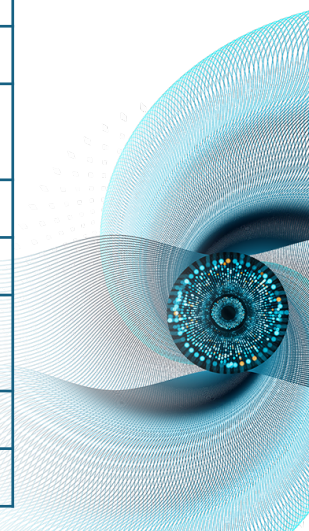


ASME Member Feedback

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

Source: ASME Member Feedback Report FY25

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



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.

Neutral / Maintenance Benefits

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

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

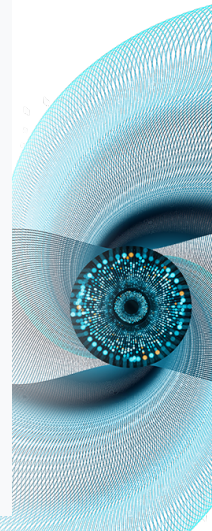
Insurance & Perks: Low usage (1-4%); viewed as non-essential.

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

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

▲ **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.



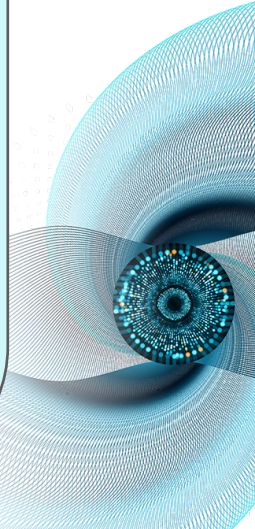


Lovepreet Singh

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

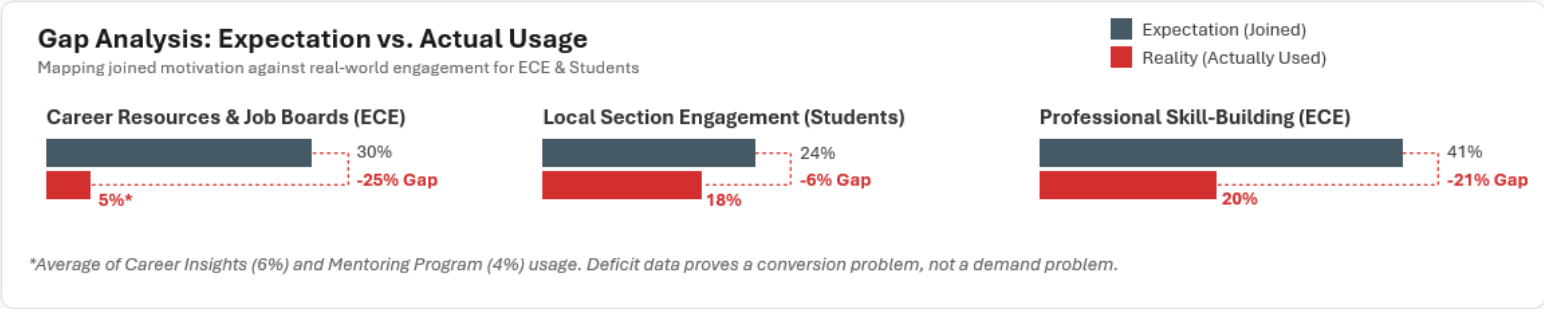
3% **Bridge the Mentoring Gap**
Current ECE usage is only 3%. Opportunity to expand for the 10% of engineers aged 25-34 seeking active guidance.

Credentialing & Resume Value

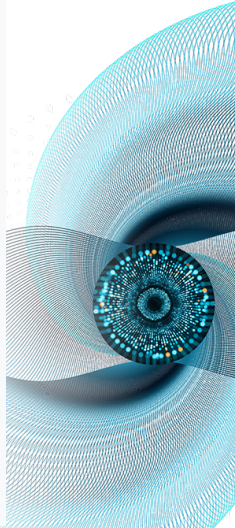
39% **Formalize the "Resume Boost"**
Top driver for 39% of ECEs. Moving to Skill Badges for the 26% seeking formal industry recognition.

Localized Networking

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

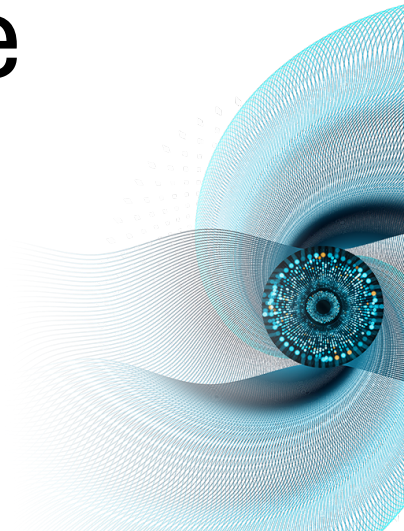


Takeaway: Early Career Engineers join with high expectations, but conversion to active usage is where the value is lost. Bridging the engagement gap by transforming ASME from an unguided menu of passive benefits into structured, credential-backed 'Career Pathways' is the priority.



Career Advancement Case Study: ECLIPSE

Clive Matsika



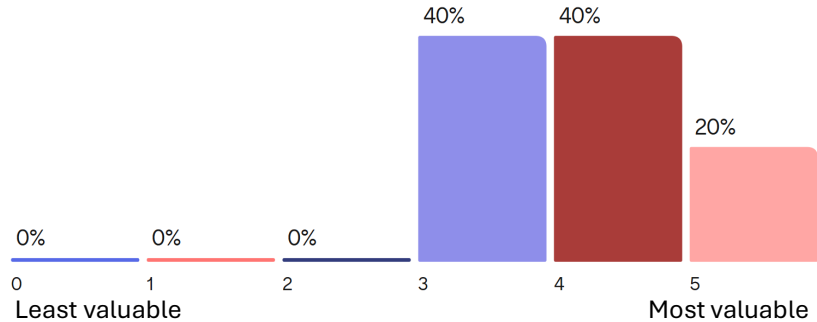
Career Advancement and the ECLIPSE Program

- 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

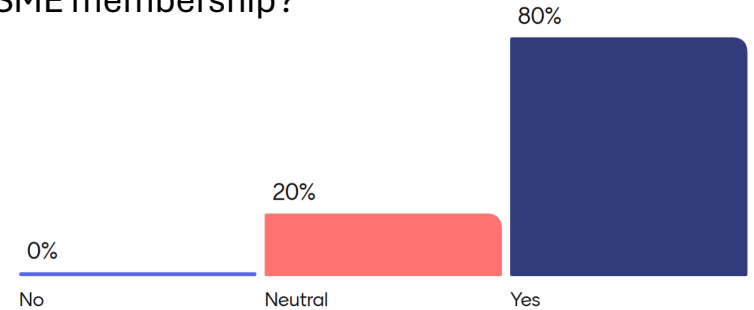


Feedback from Participants

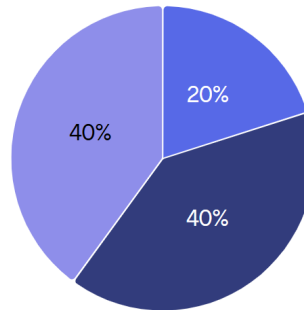
How valuable was ECLIPSE for your **career advancement**?



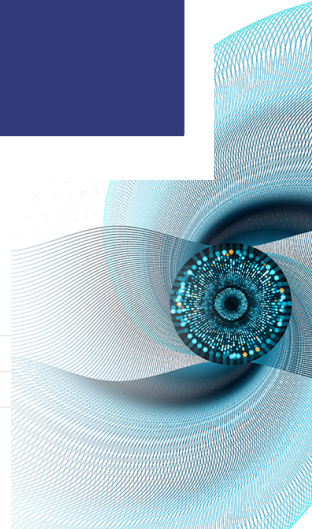
Did ECLIPSE increase your likelihood of renewing ASME membership?



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



- 20% Internship/job opportunity/promotion
- 0% New technical skills
- 40% Professional connections
- 40% Confidence in career direction



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



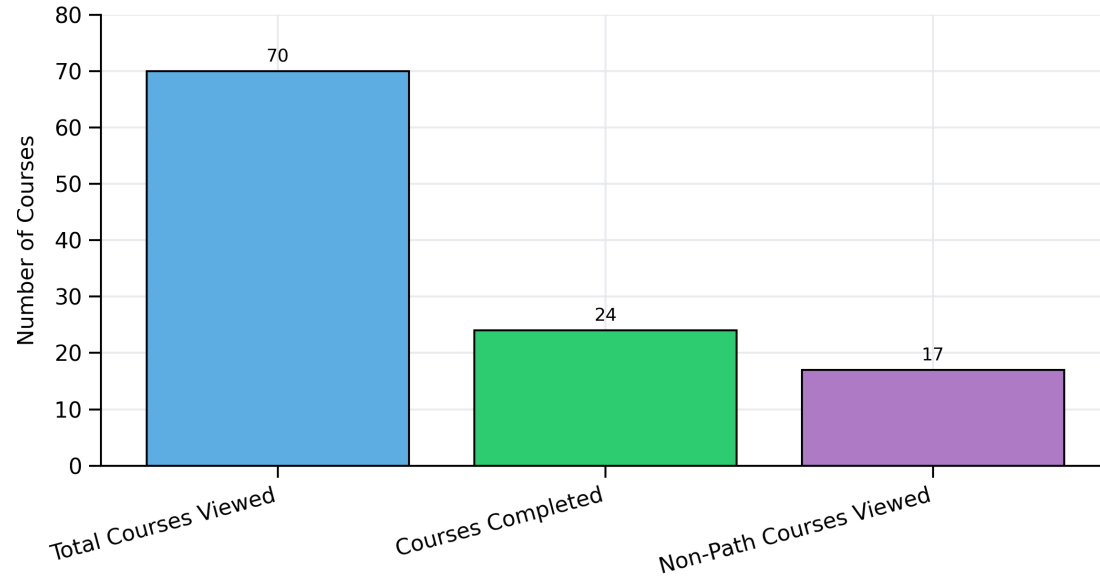
LEARNING

- 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

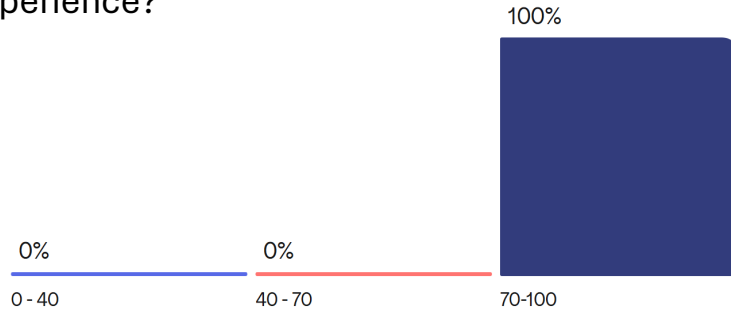
As of May 1, 2026

- 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.

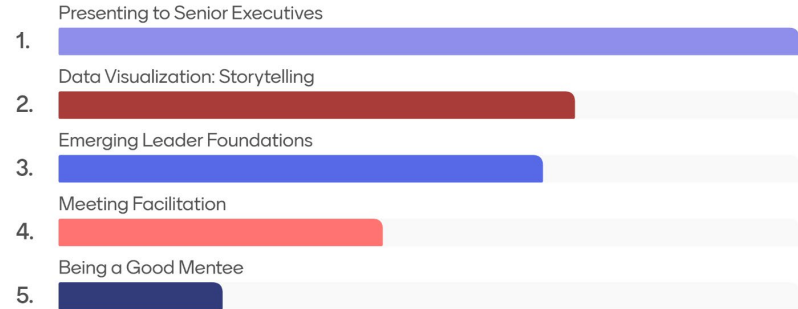


ECLIPSE Experience with LinkedIn Learning

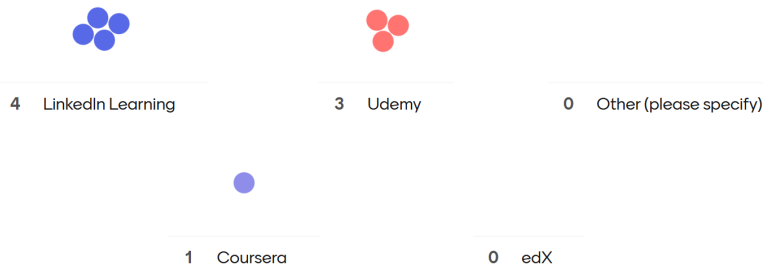
How did the inclusion of LinkedIn Learning increase the value of the overall ECLIPSE experience?



Which LinkedIn Learning topics were most valuable?

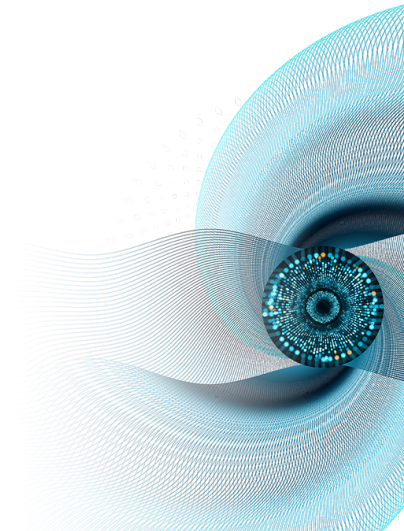


Which learning platforms did you use for career advancement during ECLIPSE?



Conclusion

Edwin Caizaliti 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

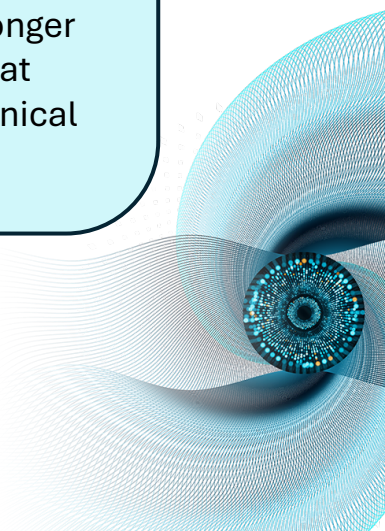
Offer enhanced learning opportunities for volunteers (e.g. LinkedIn Learning pilot)

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

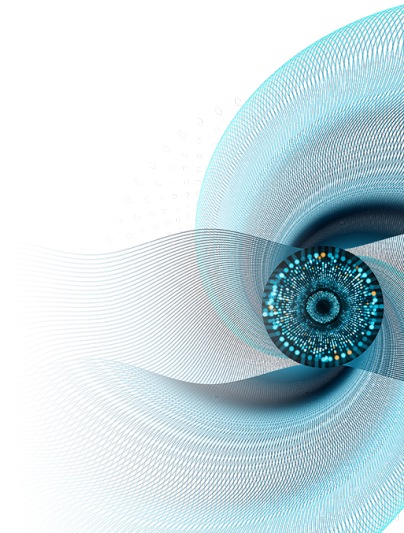


Paul Adedeji, Ph.D.
University of Johannesburg
York, United Kingdom

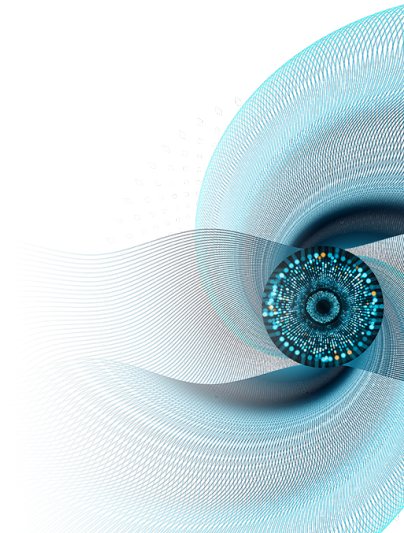
ASME has provided me with a rare opportunity to **give back to my profession** as a Volunteer under Sections Engagement Sector. Currently, the level of networking with other professionals in my field ASME provides me with post-ECLIPSE programme through the VOLT is important for my career pathway in the 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 ([MEEEd 2026](#)) which was a resounding success! Held March 29-31, 2026, at George Mason University, Fairfax, VA, MEEEd 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 MEEEd 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 reimaged 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.