



Two Park Avenue

tel 1.212.591.7000

New York, NY

fax 1.212.591.7674

10016-5990 U.S.A.

www.asme.org

2019-2020 BOARD OF GOVERNORS MEETING

Monday, June 15, 2020 – 1:00 PM to 3:00 PM EDT

FINAL MINUTES

Attendance during the open session was as follows:

Board of Governors

President: Richard Laudenat
President Elect: Bryan Erler
Immediate Past President: Said Jahanmir
Governors: Todd Allen, Stuart Cameron, Joe Fowler, Robert Grimes, Laura Hitchcock, Thomas Kurfess, Michael Molnar, Mary Lynn Realf and Karen Thole
Executive Director/CEO: Thomas Costabile

Other Officers

Senior Vice Presidents: Kalan Guiley, Public Affairs and Outreach
Sam Korellis, Standards and Certification
George Papadopoulos, Technical Events and Content
Michael Roy, Member Development and Engagement
Callie Tourigny, Student and Early Career Development

Secretary and Treasurer: Rob Pangborn
Ass't Secretary/General Counsel: John Delli Venneri, Esq.
Chief Financial Officer: William Garofalo
Corporate Counsel: John Sare, Esq.
Governors Elect: Andy Bicos, Rick Marboe, Paul Stevenson

Staff

Nida Ahmed Program Manager, Efx
Mandi Bergenfeld Technical Trainer and Help Desk
RuthAnn Bigley Manager, Governance Programs
Clare Bruff Senior Manager, Volunteer Leadership Development & Diversity
Susie Cabanas Manager, Global Alliances and Board Operations
Gretchen Crutchfield Development Specialist, ASME Philanthropy
Andrea Cunningham Meetings & Conference Manager
Philip DiVietro Managing Director, Publishing
Jovita Frederick Meetings Coordinator

Tim Graves	Managing Director, Technology & Engineering Committee
Jamie Hart	Senior Manager, Segment Operations
Cheryl Hasan	Manager, Early Career Development
John Hasselmann	Managing Director, Global Public Affairs
Josh Heitsenrether	Managing Director, Marketing & Digital Strategy
Heidi Hijikata	Director, International Relations
Katherine Holmes	Director, Government Relations
Deborah Holton	Managing Director, Industry Events/TABD
Michael Johnson	Chief Strategy Officer
Kathleen Lobb	Managing Director, Philanthropy
Tom Meehan	Managing Director, Controller
Keith Miles	Director, Major Gifts, Philanthropy
Cheryl Neas	Senior Manager, Strategy, Stakeholders & Governance
Jeff Patterson	Chief Operating Officer
Allian Pratt	Managing Director, Global Alliances & Board Operations
Claire Ramspeck	Managing Director, Standards
Patti Jo Rosenthal	Manager, K-12 Programs
Karen Russo	Director, Global Outreach and Board Operations
Eugenia Safina	Meetings Coordinator
Anand Sethupathy	Managing Director, Programs
Serosh Shahid	Director, SECD
Luwisa Smart	Coordinator, Constituent Engagement and Experience
Brandy Smith	STEM Programs
David Soukup	Managing Director, Governance
Evelyn Taylor	Director, Section Support
Stephanie Viola	Director, Corporate & Foundation Relations
Aaron Weinerman	Manager, Global Public Affairs
Kim Williams	Meetings Manager

Other Attendees

Dennis Armstrong	Old Guard Committee
John Blanton	TEC/GEC
Betty Bowersox	COFI Chair
Pasquale Dell'Aquila	Project Management Consultant
Vincent Dilworth	Chair, Mt. Diablo Section
Nicole Dyess	Nominating Committee Consultant
Mahantesh Hiremath	Past Governor, 2016-2019
Lorna Holt	ECLIPSE Intern
Lance Hoboy	ASME Member
Omar Kheir	EPCOM, CEC Programming Committee
Madiha Kotb	Past President, 2014-2014
Mohammad Mahinfala	Chair, Student Sections & Early Career
Columbia Mishra	ECLIPSE Intern
John Mulvihill	Group Engagement Committee
Karen Ohland	Member, COFI
Peter Oviroh	ECLIPSE Intern
Thomas Pastor	SVP Elect

Daniel Peters	Energy Sources and Processing Segment
Simon Pun	CEC Programming Committee
Keith Roe	Philanthropy Committee Chair, Past President, 2016-2017
Victoria Rockwell	Past President, 2011-2012
Wes Rowley	Committee Chair, COR
Kushi Sellahennedige	Chair, Boston Section
Khoshro Shirvani	CEC Programming Committee
Terry Shoup	Past President, 2006-2007
Susan Skemp	Past President, 2002-2003
Robert Sims	Past President, 2014-2015
Robert Simmons	Past President, 2010-2011
Fred Stong	Chair, COR
Elizabeth Strautin	CEC Programming Committee
Nishant Trivedi	Vice Chair, India Section
Steven Wallace	Vice Chair, Standards & Certification
William Weiblen	Past President, 2001-2002
Gloria Wiens	Vice Chair, M. Eugene Merchant Medal of ASME/SME Committee
Charla Wise	Past President, 2017-2018
Michael Woodmansee	Young Engineer Correspondents Affinity Member
Sam Zamrik	Past President, 2007-2008

1. **Opening of Meeting**

- 1.1 **Call to Order:** On June 15, 2020, a meeting of the 2019-2020 Board of Governors of the American Society of Mechanical Engineers was held. A quorum was present, and the meeting was called to order by President Laudenat at 1:00 PM Eastern Daylight Time.

After the Call to Order, President Laudenat began the meeting by calling on Sam Zamrik to say a few words.

Dr. Zamrik presented Said Jahanmir, Immediate Past President, with a PVP Appreciation plaque and expressed his gratitude and best wishes for Dr. Jahanmir's service over the last few years.

Dr. Zamrik then presented a Dedicated Service Award to Fredrick Stong and commented that the success of moving COR forward is due in great part to Mr. Stong.

- 1.2 **Adoption of the Agenda:** The Board voted to adopt the agenda as circulated on June 2, 2020.
- 1.3 **President's Remarks:** President Laudenat opened by expressing his pleasure at how the virtual meetings are proving to be an effective mode of communication--although we all miss the interactions of in-person socialization. He expressed his belief that the pandemic has encouraged engineers to use science to create things that never were, and that the engineering response to the pandemic has played out in positive ways.

- 1.4 Executive Director/CEO's Remarks: Mr. Costabile thanked everyone for attending the first annual meeting held virtually and expressed his appreciation for the ability to continue to serve as ED/CEO. He conveyed appreciation for the support and guidance from the Board and membership as ASME is repositioned in a different path in this new global way of life.

Despite the pandemic, Mr. Costabile sees more opportunities than challenges. FY20 started on an upbeat and positive note: a new website platform was launched with the analytics to measure success going forward; a new international strategy was developed; the new Membership team launched its new model which is currently on schedule for a review in 2021; and our HR team has improved the health benefits for the employees. In addition, in December of 2019, ASME transitioned to a new IT platform which enabled the organization to quickly shift 400 staff members to work from home in a 4-day period in March. He noted the Defined Benefit Plan was sunset.

The application for the Federal Stabilization Funding was successfully completed and ASME received \$9.4 million which allowed the Society to review the current landscape and develop a revised plan for FY20 and a business plan for FY21. Mr. Costabile said he is optimistic that ASME will be able to meet the revised FY20 forecast.

Mr. Costabile then called on Jeff Patterson to report on the success of a few recently completed virtual conferences, to include the inaugural AM Medical Virtual Summit, Code Week and some others.

Mr. Patterson shared positive numbers for these events, and further added that through 2020 there were originally 130 events scheduled. The top priority was to maintain the continuity of operations and to ensure the safety of volunteers, staff, and vendors. The second priority was to negotiate out of the contract commitments; and the third was to identify the possibility of virtual events which would require a hybrid of physical and virtual meetings.

Mr. Costabile closed his comments by encouraging everyone to attend the business meeting, the next Board meeting and the Salute to Leadership program which would be held the following day, June 16, 2020. He also thanked the outgoing ECLIPSE intern, Lorna Holt, and the outgoing governors, Mary Lynn Realff, Bobby Grimes, Stuart Cameron for their support. He expressed his thanks also to Said Jahanmir, Sam Korellis and John Mulvihill and finally to outgoing President, Rich Laudenat.

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

The Board voted to approve the items on the consent agenda:

- 1.5.1 Approval of Minutes from May 19, 2020 Meeting
- 1.5.2 Proposed Appointments
- 1.5.3 Elevation of the Thomas K. Caughey Dynamics Divisional Award to a Society Level Award
- 1.5.4 Changes to Society Policies P-2.7, P-2.8, P-2.13, P-5.3, P-12.14 and P-13.5
- 1.5.5 By-Law Amendment – Changes to the Committee on Finance and Investment, Adopt

2. Open Session Agenda Items

- 2.1 Career Engagement Center (CEC): Mr. Laudenat introduced Simon Pun, Omar Kheir, Khoshro Shirvani and Elizabeth Strautin who gave their presentation on the CEC. The objective was to provide the Board with an overview of the research, findings and recommendations of a scalable model to better engage and serve the Early Career community. They reviewed the timeline for the CEC, from research and planning, fundraising, building and launching to learning and growth. (Minutes Appendix 2.1)
- 2.2 Board Selection of Chair/President: President Laudenat mentioned that comments on the proposal that were received from the Board and the past presidents and which were then consolidated and compiled into the Board packet. Mr. Laudenat observed that there were still various details to be worked through in the implementation of this new process. After further discussion, Mr. Laudenat noted that Board had reacted favorably to the overall concept and suggested that further development work be done for presentation to the Board. Formal Board action will be taken after the details are resolved and draft Constitution and Bylaw changes are submitted for review.

Rick Marboe proposed that the Board consider adding all three 3rd year governors to the Executive Committee, with such change to be made at the same time as the implementation of the Board process for selection of the president. This proposal was taken under consideration for further discussion.

- 2.3 Comments from Outgoing Board Members, Senior Vice Presidents and ECLIPSE Intern: Mr. Laudenat asked Lorna Holt (ECLIPSE intern); Mary Lynn Realff, Stuart Cameron, Bobby Grimes (Governors); and Sam Korellis and John Mulvihill (Senior Vice Presidents) to make their remarks. All expressed their thanks and gratitude for having had the opportunity to serve in their respective roles at ASME.
- 2.4 Reflections of the Past Year: President Laudenat began his remarks by thanking the Board of Governors and Senior Vice Presidents for their leadership during his term, especially given the unprecedented challenges of the last few months.

Mr. Laudenat encouraged everyone to establish a working relationship with the President and the ED/CEO. ASME can only benefit and get stronger with this type of collaboration. He expressed a debt of gratitude for the dedication and professionalism of the EMT, especially since March and the start of the pandemic. It was an exciting and challenging year for him and for ASME.

A brief overview of the 2019-2020 Board of Governors achievements was listed. He cited the focus on Membership, Students, Sections and Divisions; the approval of the MDE Sector; the approved enhancement of the TEC Sector; the sunset of the SMC; the new membership model; the success of the IAB, the DISC and VOLT as Committees reporting to the Board of Governors; the ASME Foundation restructuring; and the transition to the Committee on Finance, to name a few. He closed by pledging to support Bryan Erler, ASME's new President.

3. New Business – No new business was discussed. However, Mr. Laudonat requested revisions to the Sector and Committee reports, and the Sectors and CPP have agreed to revise their reports to be submitted at the next board meeting.

4. Open Session Information Items

- 4.1 Approved Society Awards Listing
- 4.2 CY 2019 Fellows Listing
- 4.3 Committee Report(s)
 - 4.3.1 Auxiliary Report
 - 4.3.2 Committee of Past Presidents (CPP)
 - 4.3.3 Committee of Honors (COH)
 - 4.3.4 VOLT Academy
 - 4.3.5 Diversity and Inclusion Strategy Committee (DISC)
 - 4.3.6 Industry Advisory Board (IAB)
 - 4.3.7 Philanthropy Committee
 - 4.3.8 Committee on Organization and Rules (COR)
 - 4.3.9 Technical Events and Content (TEC)
 - 4.3.10 Member Development and Engagement Sector (MDE)
 - 4.3.11 Student and Early Career Development Sector (SECD)
 - 4.3.12 Public Affairs and Outreach Sector (PA&O)
 - 4.3.13 Standards and Certification Sector (S&C)

4.4 Dates of Future Meetings

DATE	DAY	TIME	LOCATION
June 16, 2020*	Tuesday	1:00 PM – 3:00 PM	Video Conference
July 27, 2020* - Planning Meeting Day 1	Monday	TBD	Video Conference
July 28, 2020* - Planning Meeting Day 2	Tuesday	TBD	Video Conference
August/September*	TBD	TBD	Video Conference

*2020-2021 Board of Governors

5. Adjournment – The meeting adjourned on Monday, June 15, 2020 at 2:46 pm.



Robert N. Pangborn
 Secretary

List of Appendices

- 1.5.2 Proposed Appointments
- 1.5.3 Elevation of the Thomas K. Caughey Dynamics Divisional Award to a Society Level Award
- 1.5.4 Changes to Society Policies P-2.7, P-2.8, P-2.13, P-5.3, P-12.14 and P-13.5
- 1.5.5 By-Law Amendment – Changes to the Committee on Finance and Investment, Adopt
- 2.1 Career Engagement Center (CEC)
- 2.2 Board Selection of Chair/President
- 4.1 Approved Society Awards Listing
- 4.2 CY 2019 Fellows Listing
- 4.3. Unit/Committee Report(s)
 - 4.3.1. Auxiliary
 - 4.3.2. Committee of Past Presidents (CPP)
 - 4.3.3. Committee on Honors (COH)
 - 4.3.4. VOLT Academy
 - 4.3.5. Diversity and Inclusion Strategy Committee (DISC)
 - 4.3.6. Industry Advisory Board (IAB)
 - 4.3.7. Philanthropy Committee
 - 4.3.8. Committee on Organization and Rules (COR)
 - 4.3.9. Technical Events and Content (TEC)
 - 4.3.10. Member Development and Engagement Sector (MDE)
 - 4.3.11. Student and Early Career Development Sector (SECD)
 - 4.3.12. Public Affairs and Outreach Sector (PA&O)
 - 4.3.13. Standards and Certification Sector (S&C)

**ASME Board of Governors
Agenda Item
Cover Memo**

Date Submitted: May 26, 2020
BOG Meeting Date: June 15, 2020

To: Board of Governors
From: Committee on Organization and Rules
Presented by: Fred Stong
Agenda Title: Proposed Appointments

Agenda Item Executive Summary:

Proposed appointments reviewed by the COR on May 26, 2020.

Proposed motion for BOG Action:

To approve the attached appointments.

Attachments: Document attached.

MAY 2020

**PROPOSED APPOINTMENTS
TO ASME UNITS**

Internal Unit	Nominee	Appointment Position/Title	Appointment Term/Category	Appointment Type	History
Committee on Honors	J.N. Reddy	Member-at-Large	July 2020 – June 2023	Initial	Honorary Member
Committee on Honors	Howard Walker	Member-at-Large	July 2020 – June 2023	Initial	Solar Energy Division Chair
Diversity and Inclusion Strategy Committee	Amy Betz	Member-at-Large	July 2020 – June 2021	Initial	Technical Program Chair for the ASME International Conference of Nano, Micro, and Minichannels
Public Affairs and Outreach Council	Aaron Adams	Member-at-Large	July 2020 – June 2021	Re-appointment	Nominating Committee
Public Affairs and Outreach Council	Sara Wheeland	Member-at-Large	July 2020 – June 2021	Re-appointment	VOLT Academy
Volunteer Orientation and Leadership Training Academy	Perry Wood	Member-at-Large	July 2020 – June 2023	Initial	Vice Chair, Arizona Section Student Section Advisor, Northern Arizona University

**ASME Board of Governors
Agenda Item
Cover Memo**

Date Submitted: May 15, 2020
BOG Meeting Date: June 15, 2020
To: Board of Governors
From: Committee on Honors
Presented by: Yildiz Bayazitoglu
Agenda Title: Society Level Award

Agenda Item Executive Summary: *(Do not exceed the space provided)*

The Committee on Honors at their April 24, 2020 meeting, approved the elevation of the Thomas K. Caughey Dynamics Divisional Award to a Society Level Award.

Proposed motion for BOG Action:

To accept the Committee on Honors recommendation to elevate the Thomas K. Caughey Dynamics Divisional Award to a Society Level Award.

Attachment: Yes

To: ASME Committee on Honors

From: Executive Committee of the Applied Mechanics Division of the ASME

Subject: Proposal to elevate the ASME Thomas K. Caughey Dynamics Award to a Society-level Award

Dear Honors Committee Members,

Please consider the enclosed proposal to elevate the ASME Thomas K. Caughey Dynamics Award to a society-level Award (and change the word "Award" into "Medal"), in accordance with society policy P-3.2, revised February 2014. The Thomas K. Caughey Dynamics Award was established as a division-level award in 2008 and is overseen by the Applied Mechanics Division. The award recognizes significant contributions to the field of nonlinear dynamics through practice, research, teaching and/or outstanding leadership. This award is intended to honor a lifetime of achievement and sustained impact in the field, and is unique in that it is the only ASME award, at Society or Division level, to honor a senior researcher in the field of nonlinear dynamics. This is in contrast to the ASME Lyapunov Award, which is only a technical committee level award.

The ASME Thomas K. Caughey Dynamics Award has a long track record of success.

The Applied Mechanics Division, currently responsible for coordinating the award, typically receives several outstanding nominations per year and has honored winners of the award since 2008:

2008: Ali H. Nayfeh
2009: Stephen H. Crandall
2010: Jerrod E. Marsden
2011: Philip Holmes
2012: Francis C. Moon
2013: Lothar Gaul
2014: Alexander F. Vakakis
2015: Gabor Stephan
2017: Richard H. Rand
2018: Firdaus Udwadia
2019: Anil K. Bajaj and Steven W. Shaw
2020: Pol Spanos

The purpose of this memorandum is to seek approval from the ASME Committee on Honors for the establishment of the Thomas K. Caughey Dynamics Medal, to be sponsored by the Applied Mechanics Division and individual donors.

Background

Thomas Kirk Caughey was a Professor of Applied Mechanics at the California Institute of Technology. Caughey was born (1924) and educated in Scotland (bachelor's degree, University of Glasgow, 1948). He arrived in the U.S.A. with a Fulbright scholarship to study at Cornell University, where he completed his master's degree in mechanical engineering in 1952. He earned his Ph.D. at Caltech in 1954. His research covered many aspects of nonlinear dynamics. Particularly known are his studies on bilinear hysteretic systems, nonlinear theory of random vibrations and identification techniques of nonlinear mechanical systems. He passed away in 2004. The Applied Mechanics Division of the ASME established the Thomas K. Caughey Dynamics Award (a Division Level Award) in 2008 to preserve his memory and honor his achievements in the field of nonlinear dynamics and contributions to the society.

Name of Award

We propose that the name of this award be the Thomas K. Caughey Dynamics Medal.

Need for such an Award

Currently, ASME has no other award, at Society or Division level, to honor a senior researcher in the field of nonlinear dynamics. The only other award in this field is available from the Design Engineering Division and this award is called the ASME Lyapunov Award, which is only at the level of a technical committee award. This award is meant to honor lifetime contributions to the teaching and practice of nonlinear dynamics. Compared to the Lyapunov Award, the Caughey Award is broader in terms of recognition of contributions made to nonlinear dynamics.

The field of nonlinear dynamics is particularly important to mechanical engineers and to ASME. In fact, ASME has established the *Journal of Computational and Nonlinear Dynamics* due to the significant interest in the field. It seems necessary that an award in the field of Nonlinear Dynamics is elevated to Society Level Award; this is timely and aligned to Society goals.

Description of the Award

We intend this Society-Level Award to recognize outstanding individuals who have made significant contributions to the field of nonlinear dynamics through practice, research, teaching and/or outstanding leadership. The Award will take the form of a \$2,000 honorarium, a medal, and a \$750 travel supplement and certificate. If the Committee deems it warranted, the Award will be presented to at most one individual annually.

Financial Provisions

The Applied Mechanics Division of the ASME and individual donors are prepared to provide additional \$21,000 (with respect to the already available net asset of \$79,469 of the division level award) to the ASME Foundation to manage and bestow the award in collaboration with the Committee on Honors. The administrative fee will be periodically reviewed and determined by the Board of Directors of the ASME Foundation, not to exceed 5% of net asset value.

Nominating Committee

The Committee shall consist of the five members of the Executive Committee of the Applied Mechanics Division of the ASME, of the five most recent past chairs of the same division, and of the five most recent recipients of the same medal. The chair of the Division shall serve as chair of the AC-CDM.

The Committee of the Thomas K. Caughey Dynamics Medal (AC-DM) shall review and consider all nominations submitted by September 15 annually. If the Committee finds that the award is warranted, the AC-CDM may recommend up to one nominee annually to the Committee on Honors by March 1 for consideration of an award.

The Award will recognize significant contributions to the field of nonlinear dynamics through practice, research, teaching and/or outstanding leadership.

This letter is written in name of the Executive Committee of the Applied Mechanics Division of the ASME and signed by its secretary.



ASME THOMAS K. CAUGHEY DYNAMICS MEDAL PROPOSED RULES OF AWARD

Form of award

A \$2,000 honorarium, a bronze medal, a certificate, and a \$750 travel supplement to attend the award ceremony in accordance with Committee on Honors policy.

Achievement recognized

The Thomas K. Caughey Dynamics Medal is conferred in recognition of an individual who has made significant contributions to the field of nonlinear dynamics through practice, research, teaching and/or outstanding leadership.

Limitations

No limitations.

Nominations

Nominations from individuals, ASME members and Technical Committees. Members of the Award Committee (see below) shall refrain from nominating or writing support letters. Members of the Thomas K. Caughey Dynamics Medal committee are not eligible to receive the award.

Review process

The Award Committee of the Thomas K. Caughey Dynamics Medal (AC-CDM) shall review and consider all nominations submitted by September 15 annually.

The AC-CDM shall consist of the five members of the Executive Committee of the Applied Mechanics Division of the ASME, of the five most recent past chairs of the same division, and of the five most recent recipients of the same medal. The chair of the Division shall serve as chair of the AC-CDM. Each member of the Applied Mechanics Division Executive Committee is appointed for 5 years. Past Chairs will serve for 5 years, as well as past winners.

If the AC-CDM finds that the award is warranted, the AC-CDM may recommend up to one nominee annually to the Committee on Honors by March 1 for consideration of an award.

Nomination deadlines

September 15 to the Thomas K. Caughey Dynamics Medal Committee and March 1 to the Committee on Honors.

Funding

The Thomas K. Caughey Dynamics Award already exists as Division Level Award and has the current assets:

Temporarily restricted net assets:	\$ 39,469
Permanently restricted net assets:	\$ 40,000
Total net assets as of 02/29/2020:	\$ 79,469



Board of Governors Meeting Agenda Item Cover Memo

Date Submitted:	May 26, 2020
BOG Meeting Date:	June 15, 2020
To:	Board of Governors
From:	Committee on Organization and Rules
Presented by:	Fred Stong
Agenda Title:	Changes to Society Policies P-2.7, P-2.8, P-2.13, P-5.3, P-12.14 and P-13.5

Agenda Item Executive Summary:

The following changes are inter-related to changes dealing with the Executive Committee, Committee on Finance, and Member Development and Engagement Sector, so they are all presented in this agenda item.

The proposed changes to Society Policy P-2.7 address three areas:

1. The criteria for the acceptance of grants, gifts, and bequests. It further addresses issues related to the management of previously accepted grants, gifts, and bequests.
2. The responsibility the proposed Executive Committee will assume for grants, gifts and bequests.
3. To reflect the change that technical divisions, subdivisions, professional sections, subsections, and student sections are to submit requests to their staff representative who will forward the request to either the Senior VP of TEC or the Senior VP of MDE, depending on which Sector the unit reports to, for approval to start the process.

The proposed sunsetting of Society Policy P-2.8 reflects the fact that the appropriations will be defined in the new Section Handbook.

The proposed changes to Society Policy P-2.13 address the name change of the Committee on Finance, and the sunsetting of the Group Engagement Committee and the Group Pathways and Support Department,

The proposed changes to Society Policy P-5.3 address the responsibility the Member Development and Engagement Sector has for the formation of Sections, Subsections,

and Groups. The provisions for operating these units that are being deleted from P-5.3 will be reflected in the new Section Handbook.

The proposed changes to Society Policy P-12.14 address the availability of member data for units.

The proposed changes to Society Policy P-13.5 give the responsibility of approving new scholarship programs from the Group Engagement Committee, which no longer exists, to the Scholarship Committee.

These proposed changes will go into effect after the second reading of the related By-Law changes at the June 15 BOG meeting.

Proposed motion for BOG Action: To approve the changes to Society Policy P-2.7, P-2.8, P-2.13, P-5.3, P-12.14 and P-13.5.

Attachment(s): Society Policy changes.



P-2.7
6/19

SOCIETY POLICY

SOLICITATION AND ACCEPTANCE OF FUNDS

I. PREFACE

Society By-Law B4.4.4 states, No grant, gift or bequest to the Society shall be accepted until it and any restrictions thereon have been approved by or under the authority of the Board of Governors. Upon receipt, such grants, gifts and bequests shall be invested and used for the Society's purposes and in accordance with any restrictions thereon mandated by the donor and approved by or under the authority of the Board of Governors. The Executive Committee of the Board of Governors may accept unrestricted grants, gifts or bequests with a value of less than \$2,500,000.

II. PURPOSE

- A. To provide for the coordination of fundraising activities.
- B. To prevent excessive solicitation of funds from any one source.
- C. To state the requirements for accepting funds.
- D. To allow legally permissible updates to the original gift provisions.

III. POLICY

All major fundraising approaches to companies and foundations and other potential donors for support of ASME projects (including projects involving ASME and other entities) must be coordinated through and approved by the ASME Executive Director's office.

IV. DEFINITION AND SCOPE

- A. Major fundraising efforts of the Society fund activities that do not fall within the normal programs and budgets of the Society. The threshold amount for a major fundraising effort is \$5,000.
- B. Smaller projects which do not extend beyond the unit making the solicitation and are budgeted at less than \$5,000 do not have to be coordinated through and approved by the ASME Executive Director's office. For sections and student sections these might be appeals for restricted contributions in support of specific activities (meetings, science fairs, etc or regional projects that are restricted in scope and implication to the particular geographic area where the appeal is being made to local companies or to branches of a larger company). Closely related projects may not be disaggregated for purposes of attempting to circumvent the definition of major fundraising efforts.

- C. A gift should be deemed “unrestricted” only if there is no donor-imposed restriction on the management, investment or purpose of the property being donated. A restriction on purpose would include any restriction requiring that such property be held for a particular programmatic purpose and/or for the purpose of being an endowment fund (whether in support of general operating purposes or in support of a specific programmatic purpose) and/or otherwise limiting ASME’s unfettered use of the gift or the earnings thereon.

V. PROCEDURE

- A. Project descriptions and fundraising plans must have the voted approval and endorsement of the appropriate committee, board and sector before they are sent to the ASME Executive Director’s office. If the project involves more than one sector, board, or committee, then all units concerned must approve the project description and fundraising plan. An example of such a project is one initiated by a technical division but requiring local fundraising.
- B. Requests for approval must be sent by the sectors to the ASME Executive Director, who shall respond within three weeks on whether they have or have not been approved. The ASME Executive Director shall refer those requests to the Philanthropy Committee which, in his or her judgment, he or she believes warrant Committee action. A written explanation shall be provided with each rejection of a request or referral to the Committee.

1. ~~Student sections, sections, subsections, local groups, operating boards and committees are to submit requests to the Group Engagement Committee.~~

~~2. Technical divisions and technical subdivisions are to submit requests to the Group Engagement Committee. Technical divisions, subdivisions, professional sections, subsections, and student sections are to submit requests to their staff representative who will forward to the unit’s Senior VP for approval to start the process.~~

~~23.~~ All other boards and committees (for example, one reporting directly to a sector) are to submit requests to the senior vice president (of the appropriate sector).

- C. Each proposal must include a description of the proposed project and a detailed fundraising plan. Each project should be self-sufficient and no expenses should be obligated until it is clear that enough money is available to pay all expenses. If enough money is not obtained, the project should be canceled, unless the technical division or section or other unit of ASME has resources of its own which can be used to cover the deficit.

Some government jurisdictions require organizations to register in order to conduct fundraising campaigns among its citizens. ASME staff will assist the proposal writer to see if registration is needed or is already in place for the jurisdictions whose citizens are being solicited.

- D. The project description must include the following:

1. Title of project

Formatted: Body Text Indent, Left, Hyphenate, Tab stops: Not at -0.5"

Formatted: Indent: Left: 0", First line: 0"

2. Responsible committee, board, or sector
 3. Responsible staff member
 4. Scope of the project
 - a. Goals of the Society to be served
 - b. Specific objective(s) of the project
 - c. Plan for carrying out the project
 - d. Budget for carrying out the project
 - e. Date of beginning and completion
 - f. Reporting procedure
- E. The fundraising plan must include:
1. Timetable
 2. Preliminary list of potential donors
 3. Explanation of why those particular potential donors are being solicited
 4. Sample letter to be sent to the potential donors
 5. Sample thank you letter. The letter must include the value of any goods or services that are received as part of the contribution (for example, the value of a meal that is part of a fundraising gala) as well as other statements that may be required or recommended to comply with federal tax laws.
- F. Informational copies of the project description and fundraising plans must be sent to the chairs of non-involved councils and other managing directors after the project is approved.
- G. All units are to keep records on both exempt and approved fundraising efforts and to report annually through their appropriate sector to the ASME Executive Director identifying solicitation purposes, dollar levels and organizations providing support. The results of fundraising should be included in the group's financial reports, and this requirement should be detailed in the group's operation guide.
- H. Funding for an award, scholarship, or project named after an individual must come from the individual himself or herself or his or her family except as otherwise authorized under the provisions of Section V.B. Personal contributions from the employers or friends of the individual may also be made once such an award is established by the individual or his or her family.

Many individuals make significant volunteer contributions to ASME. Sufficient funds are not available to recognize all those worthy of having an award, scholarship or project named in their honor. As such, segregated funds from an ASME unit may not be used to endow an award, scholarship or project named after an individual.

However, if an ASME unit develops a unique case to solicit funds in the name of an individual, the unit may submit it under the provisions of Section V.B. of this Society Policy for consideration.

- I. The following guidelines for accepting grants, gifts, and bequests apply:
1. The Managing Director of Philanthropy may accept an unrestricted grant, gift or bequest to ASME of cash or publicly traded securities in an amount up to \$500,000.
 2. The ~~ASME Executive Committee~~ Director may accept an unrestricted grant, gift or bequest to ASME of cash or publicly traded securities in an amount up to ~~\$2,500,000~~ \$1,000,000, as stated in Society By-Law B4.4.4.
 3. ~~The Philanthropy Committee may accept an unrestricted grant, gift or bequest to ASME of cash or publicly traded securities in excess of \$1,000,000 up to a limit of \$5,000,000 if recommended by the ASME Executive Director.~~
 4. The acceptance of a restricted grant, gift or bequest of cash or publicly traded securities will be subject to the same thresholds for acceptance as stated above if the restriction is one for which the Board of Governors expressly authorized funds to be raised.
 5. The acceptance of any other grant, gift or bequest (including any charitable remainder trust, regardless of the assets being used to establish it) will require approval by the Board of Governors.

J. Grants, gifts and bequests are accepted when they are found to contribute to the approved purposes of ASME in accordance with the following principles:

1. A gift will not be accepted if the funds were acquired by other than legal means, or that clear title to the donated asset does not flow directly from the donor to ASME.
2. A gift will not be accepted if in the judgment of the Board of Governors the gift is too restrictive in purpose, requires expenditures beyond ASME's resources, or is not aligned with or compromises the Purposes, Mission, Vision or Values of ASME.
3. A gift will not be accepted if in the judgment of the Board of Governors the intended purpose of the gift and/or being associated with the donor of the gift could damage ASME's reputation, standing or integrity or be contrary to ASME's Purposes, Mission, Vision, and Values.

4. At the request of the donor, ASME may treat a gift as anonymous. However, a gift will not be treated as anonymous with the purpose of shielding ASME from damage to its reputation or disguising the gift which it would otherwise not have accepted.

5. The acceptance of a gift does not imply nor mean that ASME endorses or approves of a donor's views, opinions, businesses or activities.

K. The following guideline for repurposing a gift applies:

1. ASME may repurpose an unspent or endowed gift to a new ASME use if, due to changes in ASME programs or applicable laws and regulations, the gift cannot be used as originally envisioned by the donor, provided such repurposing is permissible under the governing instrument.

If the governing document permits repurposing of a gift, the Philanthropy Committee may recommend to the Board of Governors that it direct the gift to a new use or other needs of ASME that conform as closely as possible to the donor's intent. If the terms of a gift agreement do not permit the repurposing of a gift, ASME will seek permission from the donor and prepare any necessary documentation, when possible, or from the New York Attorney General and the court if the donor is deceased or otherwise unavailable.

L. The following guideline for returning a gift applies:

1. ASME may return a gift to the donor if the Board of Governors determines, taking into account the views of the Philanthropy Committee, that retention of the gift could cause damage to ASME's reputation, standing or integrity to be associated with a specific donor or use a gift for its intended purpose and that the return of the gift meets the legal standard of prudence.

In this case, the disposition of the gift will be guided by ASME's Purposes, Mission, Vision, and Values and will depend on the specific circumstances of the case and any legal restrictions imposed by the gift agreement.

M. The following guidelines apply to naming an award, scholarship or project:

1. In general, ASME will not approve proposals for naming where, in its judgment, doing so is not aligned with ASME's Purposes, Vision, Mission and Values and/or being associated with the proposed name could damage ASME's reputation, standing or integrity.

2. The Board of Governors reserves the right, on reasonable grounds, to revoke or terminate ASME's obligations regarding a naming if, including, but not limited to:

a. The Board of Governors determines, taking into account the view of the Philanthropy Committee that ASME's association with the donor could damage ASME's reputation, standing or integrity or be contrary to ASME's Purposes, Mission, Vision, or Values.

6

P-2.7
6/19

b. In the case of a naming associated with a gift the donor fails to fulfill the terms of the gift and is therefore not entitled to or be eligible for the naming.

Formatted: Indent: Left: 1.5", Hanging: 0.5", Tab stops: 2", Left + Not at 0"

Responsibility: Philanthropy Committee

Adopted: June 14, 1985

Reaffirmed: August 6, 1995

Revised: (editorial changes 8/88)
(editorial changes 9/89)
(editorial changes 8/95)
(responsibility reassigned 11/98)
(editorial change 9/03)
(editorial changes 6/1/05)
(editorial changes 7/12)
(editorial changes 3/18)
June 5, 2019



P-2.8
7/12

SOCIETY POLICY

APPROPRIATIONS FOR SECTIONS, SUBSECTIONS, GROUPS, STUDENT SECTIONS, AND TECHNICAL CHAPTERS

The recommendation is to sunset this Society Policy

I. PREFACE

- A. The Knowledge and Community Board, based on a recommendation of the Financial Operations Board, may provide funds to help defray operating expenses for the various units of the Society as outlined in this Society Policy.

II. SECTIONS, SUBSECTIONS, AND GROUPS

- A. Each section, subsection, and group will submit a financial report covering the previous fiscal year, a budget for the current fiscal year, and a unit activity report for the previous year.

The annual appropriation schedule will be developed by the Financial Operations Board and submitted to the Knowledge and Community Board for approval as part of the normal budget process.

- B. For a new section, subsection, or group, eligibility for appropriations will start on the first of the month following authorization by the Global Communities Operating Board. The amount of the first fiscal year's appropriation will be calculated by taking the number of months to the end of the fiscal year, divided by 12, then multiplied by the annual appropriation.

Eligibility of officers of new units for financial support for attendance at district meetings will be at the discretion of the district leader, and contingent on funds being available.

- C. Sections, subsections, and groups failing to submit the financial reports, budgets, and unit activity reports listed in Paragraph II.A shall be subject to a penalty of up to and including a loss of financial allocation for the current fiscal year.

III. STUDENT SECTIONS

- A. Each student section will submit a financial report and a program report covering the previous fiscal year.

The annual appropriation schedule will be developed by the Knowledge and Community Sector and submitted to the Sector Board for approval as part of the normal budget process.

- B. For a new student section, eligibility for appropriations will start on July 1st following authorization by the Global Communities Operations Board.

Eligibility of officers of new student sections for financial support for attendance at training seminars and student conferences will be at the recommendation of the Vice President of Global Communities, and contingent on funds being available.

- C. Student sections failing to submit the financial and program reports listed in Paragraph III.A. in accord with the Knowledge and Community Global Communities Operation Guide shall be subject to a penalty up to and including a loss of financial allocation for the current year.

IV. TECHNICAL CHAPTERS

- A. Each technical chapter will submit a financial report covering the previous fiscal year, a budget for the current fiscal year, and a unit activity report for the previous year.

The annual appropriation schedule will be developed by the Knowledge and Community Board on Financial Operations and submitted to the Knowledge and Community Board for approval as part of the normal budget process.

- B. For a new technical chapter, eligibility for appropriations will start on the first of the month following authorization by the Knowledge and Community Board on Global Communities and the Board on Technical Communities.

Eligibility of officers of new units for financial support for attendance at regional meetings will be at the discretion of the Vice President for Affinity Communities, and contingent on funds being available.

- C. Technical chapters failing to submit the financial and program reports listed in Paragraph IV.A in accord with the Knowledge and Community Global Communities Operation Guide shall be subject to penalty of up to and including a loss of financial allocation for the current fiscal year.

Responsibility: Knowledge and Community Board
Reassigned from Council on Member Affairs 6/1/05

Adopted: January 19, 1984

Revised: December 13-14, 1984 (editorial changes 3/97)
(editorial changes 7/85) June 11, 1997
(editorial changes 9/85) (editorial changes 9/97)
June 11, 1987 June 1, 2005
June 16, 1988 (editorial changes 7/12)
March 15, 1989
September 14, 1989
March 15, 1991

3

P-2.8
7/12

June 18, 1992
September 17, 1992
March 17, 1994
March 17, 1995



P-2.13
6/19

SOCIETY POLICY P-2.13

GRANTS, DONATIONS, GIFTS AND SPONSORSHIPS BY GROUPS

I. PREFACE

Constitution Article C2.1.1 states in part that the purposes of ASME are to “Promote the art, science and practice of mechanical and multidisciplinary engineering and allied sciences to diverse communities throughout the world” and “To broaden the usefulness of the engineering profession in cooperation with other engineering and technical societies.”

II. PURPOSE

This Policy is established to provide ASME Groups, specifically Technical Divisions and Professional Sections, with specific criteria when considering providing financial Grants, Donations, Gifts and Sponsorships to other ASME units or outside professional organizations using Segregated Funds. This Policy specifies the types of projects eligible for financial support, the types of organizations eligible to receive this support and the internal approval process required prior to granting the request.

III. POLICY

Grants, Donations, Gifts and Sponsorships to other ASME units or outside professional organizations should increase ASME’s impact in fulfilling its purpose to engage in the dissemination of knowledge, technical standards, research, education, professional standards, usefulness of the profession and ethical practice.

IV. DEFINITION AND SCOPE

A. Projects Eligible for Support

P-2.13
6/19

1. Activities that clearly support the vision and mission of ASME, as established by the Board of Governors (BOG).
2. Activities that are clearly aligned with the ASME Strategy, as established by the BOG.
3. ASME Foundation-sponsored and approved activities, such as the ASME INSPIRE STEM education program.
4. Activities that promote Diversity & Inclusion in engineering practice.
5. Technical literacy programs which may include STEM, K-12, Robotics, Job Fairs, and sponsorships to inspire students to enter the Group's specific area of study.
6. Career planning and skill development activities which may include management skills development and continuing professional engineering education. These may include vocational training, job fairs, local online and video educational courses or support to local ASME Student Sections.
7. Research and Development activities that provide direct support and input to the donor Group's activities, is important to the rational development of technology-based public policy or provides unbiased technical advice to governments at all levels.

B. Eligible Recipient Organizations:

1. U.S. organizations that have current 501(c)3 status, as determined by the Internal Revenue Service, that align with and amplify ASME's purpose. This category excludes national organizations such as the American Cancer Society, American Heart Association, United Way, etc.
2. International organizations with current 501(c)(3) status, if they align with and amplify ASME's purpose.
3. An Educational institution where the grant will support one of the eligible projects identified above.
4. The ASME Foundation.
5. Professional organization foundations working collaboratively with the donor Group to achieve one or more objectives identified above.
6. Local non-profit community outreach organizations supporting the technical literacy or skill development programs identified above.

P-2.13
6/19

C. Not Eligible for Funding

1. Individuals
2. Groups that do not have 501(c)(3) status (e.g. international organizations not filing with the IRS as Section 501(c)(3)'s).
3. Organized religions or groups with religious affiliations.
4. Politicians, political action committees, or legislative-advocacy groups.
5. Annual Fund drives.
6. Organizations that advocate or engage in acts of violence, terrorism, or hate crimes, or oppose diversity, or unlawful discrimination of any kind.
7. Any award, scholarship, or project named after an individual. Please refer to ASME Society Policy P-2.7 for additional information on naming procedures.

D. Amount Limits

Groups may award up to a maximum of 5%, but not less than \$500, of their prior year segregated account balance for philanthropic purposes. This amount counts towards a Group's maximum 20% annual spend limit set by the Committee on Finance ~~and Investment~~. Support of ASME programs and the ASME Foundation are exempt from these limitations.

V. PROCEDURE

- A. A request for approval of the activity and grant is submitted through the ~~ASME-GPS process~~unit's staff contact.
- B. Eligible projects are not expected to be net revenue producers. Projects eligible for consideration should provide a benefit to ASME and the field of Mechanical Engineering.
- C. The request should include a detailed Concept of the proposed project describing the activity, proposed funding, relationship to the "Projects Eligible for Support", specific measurable objective, and the overall long-term benefit to ASME.
- D. Recipient organizations must submit proof of Section 501(c)(3) status and compliance.
- E. Groups submitting requests must provide evaluation criteria on how applications/proposals were vetted and selected for possible funding.

P-2.13
6/19

Peer group review and evaluations from other like Groups are encouraged.

- F. Project requests that clearly fall within the scope of this policy will be approved and returned to the submitting Group for implementation.
- G. Project requests that require further review will be forwarded to the appropriate Sector for review and comment and then sent to the Philanthropy Committee~~Group Engagement Committee (GEC)~~ for final review and action. During this review process, the submitting Group may be required to provide additional detail necessary for the reviewing Sector to fully understand the project.

~~H. Appeals to the final decision are to be submitted to the GEC for review prior to final decision by the Sector Management Committee (SMC).~~

Formatted: Indent: Left: 0.75", No bullets or numbering

- I. Reporting: For grants over \$2,000 the recipient organization must:
 - 1. Enter into a Grant Agreement with ASME accepting restrictions on what the grant funding can be spent on
 - 2. Submit a narrative report of activities that took place, impact achieved, and a financial spreadsheet showing specifically how the ASME funds were spent.
- J. Not Covered by this Policy: The granting of Scholarships and Award Honoraria are not covered by this policy as they are regulated by other ASME policies and guidelines.

Responsibility: Philanthropy Committee

Adopted: June 5, 2019



P-5.3
6/1/05

SOCIETY POLICY

FORMATION ~~AND OPERATION~~ OF SECTIONS, SUBSECTIONS AND GROUPS

I. PREFACE

- A. Article C5.1.1 of the Constitution states, "The Society membership may be divided into smaller units for administrative and technical activities."
- B. Article C5.1.2 of the Constitution states, "The provisions of the Constitution and By-Laws and Society Policies established by the Board of Governors of the Society shall govern the procedure of all units of the Society but no action or obligation of such units shall be considered an action or obligation of the Society as a whole."
- C. By-Law B5.1.1 states, "Subject to the approval of the Board of Governors, each Sector shall have the power to establish its boards and committees."
- D. By-Law B5.6.~~1.12-3~~ states in part, "The Member Development and Engagement Sector, under the direction of the Board of Governors, is responsible for providing governance for professional sections, student sections, membership development, and the Old Guard Committee. The Board on Global Communities shall guide the geographic activities of the Knowledge and Community Sector."

II. PURPOSE

- A. To provide for the formation of sections, subsections and groups.
- ~~B. To state the policy governing the operation of sections, subsections and groups.~~

Formatted: Indent: Left: 0", First line: 0"

III. POLICY

- A. Sections, Subsections, and Groups
 - 1. Formation of Sections, Subsections, and Groups
 - a. Sections
 - 1) A section is normally formed as a result of a dedicated group of members, in a specific geographic area, coming together to advance the mission and vision of ASME. the growth in members and activities of a subsection.
 - ~~2) A~~The section ~~may also be~~section is formed by ~~petition of~~ athe body of members successfully completing athe petition process.
 - b. Subsections

- 1) A subsection is normally formed as a result of the growth in the number of members and/or activities of a group/local section that are focused on a specific key area of interest coming together to advance the mission and vision of ASME.
- ~~2) A subsection may also be formed by petition of a body of members successfully completing a petition process.~~
- ~~3) A subsection is normally formed with the anticipation that through additional growth, section status will be sought within five years after formation of the subsection.~~

c. Groups

- 1) A group may be designated by a Section for a small group of members to dedicate their time to a specific activity supported by the Section, coming together to advance the mission and vision of ASME. ~~is formed by petition of a body of members successfully completing a petition process.~~
- ~~2) A group is normally formed with the anticipation that through additional growth, section or subsection status will be sought within five years after formation of the group.~~

~~B. Operation of a Section, Subsection, or Group~~

~~1. Expenditures~~

~~The rules and policies are given in the Sections Operation Manual for the control of section expenditures, and shall apply for subsection and group expenditures.~~

~~a. Sections~~

- ~~1) Any expenditure chargeable to the General Fund of the Society for the purpose of any section must be provided for in the annual budget approved by the Board of Governors. No liability otherwise incurred shall be binding upon the Society.~~
- ~~2) The normal annual formula Society support of a section shall be in accordance with the current formula appropriation from the General Fund as stated in Policy P-2.8.~~

3

P-5.3
6/1/05

~~b. Subsections and Groups~~

- ~~1) A subsection or group shall report its expenditures to the section on the proper Financial Report Form and the section will either forward the subsection report with the section report as required or incorporate the subsection report in the section report.~~
- ~~2) In the event that no parent section exists, the Knowledge and Community Board on Global Communities shall be the governing body.~~

~~2. Authorization of Funds~~

~~a. Sections~~

~~The normal annual formula Society support of a section shall be in accordance with the current formula appropriation from the General Fund as stated in Policy P-2.8.~~

~~b. Subsections and Groups~~

- ~~1) The sum specified in Society Policy P-2.8 and paid from the General Fund of the Society to the section for an authorized subsection or group shall be made available to the subsection or group with such additional funds (from section funds) as, in the judgment of the section executive committee, are necessary to permit the subsection or group treasurer to pay operating expenses, authorized by the proper subsection authority.~~
- ~~2) In the event that no parent section exists, the Knowledge and Community Board on Global Communities shall be the governing body. For units where the parent is the Knowledge and Community Global Board on Communities, the unit allocation per member normally provided to the section shall be provided to the unit, in addition to the subsection or group lump sum allocation.~~

~~3. Section Meetings~~

~~Each Section, Subsection and Group is advised and encouraged to host recognition events, and other similar ASME events, within non-restricted facilities which permit and promote inclusion of all ASME members, and potential new members, regardless of citizenship status.~~

~~4. Joint Activities: Sections~~

- ~~a. A section may arrange to hold joint meetings with other engineering organizations.~~
- ~~b. A section may also form jointly with other engineering organizations local multi-society engineering organizations, but the plan of such affiliation or organization, and the obligations assumed by the section and the Society thereby, shall first be approved by the Knowledge and Community Board on recommendation of the Vice President Global Communities. However, if the plan of such affiliation or organization contemplates that the Society, either alone or in conjunction with one or more other engineering organizations, will participate in or lend its name to any legislative, regulatory or political activity, and/or that a separate organization will be formed having its own by laws or other governing documents and/or letterhead and in which the Society may participate or with which the Society's name may otherwise be linked, the vice president of Global Communities will forward the request for such affiliation or organization to the Assistant Treasurer for legal review. The request for affiliation or organization, modified to reflect the resolution of legal issues, if any, will be forwarded by the Assistant Treasurer to the Knowledge and Community Board, with a copy to the Global Communities Vice President. Any expenditures incurred in such an affiliation must be paid by the section from its own funds.~~
- ~~c. A subsection, or group may participate in joint activities with other engineering organizations in the communities of the subsections or groups only on approval of the Section Executive Committee and in accord with the provisions of the Society By-Laws.~~
- ~~d. For convenient cooperation with technical divisions, each district or section may appoint an individual or a committee to correspond with any technical division for the presentation of papers, holding of meetings, etc., within the particular district or section, and for communicating information that might prove of interest to the technical divisions.~~
- ~~e. Subject to the approval of the Conferences and Events Directorate of the Knowledge and Community Board any section participating in the conduct of a Society meeting or conference shall appoint the necessary special local committees which shall function in accordance with policies and procedures prescribed by the Board.~~

5

P-5.3
6/1/05

5. ~~ASME Manual ML-10, Section, Subsection and Group Operations contain the guidelines for operation.~~

~~6. By Laws~~

~~a. Sections~~

- ~~1) A section shall have by laws adopted, and amended by vote of the section members and approved by the section executive committee. A copy of the by laws will be filed with the Global Communities Vice President and the appropriate staff. The section secretary shall review them to assure basic agreement with the Constitution & By Laws of the Society. The section by laws will provide for the nomination and election of section officers and members of the section executive committee by the members of the section.~~
- ~~2) The section by laws will provide that the chair of the subsection or group is a member of the section executive committee with or without vote at the option of the parent section and that members of the subsection, being also members of the section, will participate in section activities, decisions and election, by letter ballot or otherwise.~~

~~b. Subsections and Groups~~

- ~~1) A subsection or group shall have by laws adopted, and amended by vote of the section members and approved by the parent section executive committee. A copy of the by laws will be filed with the Global Communities Vice President, the appropriate staff, and the parent section. The parent section secretary shall review them to assure basic agreement with the Constitution and By Laws of the Society.~~
- ~~2) In the event that no parent section exists, the Knowledge and Communities Board on Global Communities shall be the governing body.~~

IV. PROCEDURE: FORMATION OF SECTIONS, SUBSECTIONS, AND GROUPS

A. Sections

1. Formation of a Section

- a. A section may be established when approved by the Global Communities Vice President Member Development and

~~Engagement (MDE) Sector leadership team based upon the recommendation of the local district leader that there is sufficient leadership and interest to sustain a healthy section, to include regularly scheduled warrant meetings and related activities that promote the vision and mission of ASME, a section may be established.~~

- b. ~~A formal request must be submitted showing local jurisdictions to be included, the headquarters city and the key volunteer leaders to serve as officers upon approval. The written request from a subsection having more than 300 members must be accompanied by a report showing that a letter ballot of all members in the defined area resulted in a simple majority of the members answering the ballot; and that of those answering, a simple majority favored the action.~~
- c. ~~The written request shall be accompanied by a petition to the MDE of members in good standing within the defined area with a minimum number of 50 signers and at least 20 of these indicating their intention to make this their principal Society activity during the formative stages. The petition will outline the rationale, projected programs and plans for achieving sustainability. If the petition has less than 50, the request may be considered and approved with special dispensation of the MDE leadership. An alternate to such an election would be notification to all subsection members of the proposed action, mailed at least 60 days prior to the petition date, and an endorsing letter approving the section formation from the parent section executive committee.~~

B. Subsection

1B. Formation of a Subsection or Group

- a1. A subsection may be established when approved by the Member Development and Engagement leadership team. ~~Global Communities Vice President based upon the recommendation of the local district leader that there is sufficient leadership and interest to warrant meetings and related activities, and upon the approval of the Knowledge and Community Board a subsection or group may be established.~~
- b2. A formal request must be submitted showing local jurisdictions to be included, the headquarters city and the approval of the leaders of the proposed subsection and the Officers of the parent section. ~~In the event that no parent section exists, the Knowledge and Community Board on Global Communities shall be the governing body.~~

- ~~c3.~~ The formal request shall include a presentation of a petition to the section by paid-up members within the defined area. The minimum number of petition signers shall be 20 for a subsection and at least 10 of these indicating their intention to make this their principal Society activity during the formative stages. The petition will outline the rationale, projected programs and plans for achieving sustainability. If the petition has less than 20, the request may be considered and approved with special dispensation of the MDE leadership.~~The formal request shall be upon presentation of a petition to the section by paid-up members within the defined area. The minimum number of petition signers shall be 50 for a subsection and 25 for a group.~~
- ~~d4.~~ The defined area must include a concentration of ASME members located at a distance from the normal center of section activities with sustainable sufficient leadership and interest to warrant meetings and related activities that promote the mission and vision of ASME.
- ~~5.~~ Such establishment shall include contiguous areas more remote to the normal center of section activities.
- ~~6.~~ Departures from established local jurisdictions may be made only on recommendation of a district leader and with the approval of the Knowledge and Community Board.
- ~~e7.~~ The subsection or group shall provide regular periodic reports to the Global Communities Vice President to record the active status of the subsection or group. If the Section Global Communities Vice President determines leadership determines the subsection or group to be deficient in its activity, a recommendation shall be made to the Member Development and Engagement leadership~~Knowledge and Community Board~~ for the dissolution of the subsection ~~or group.~~
- ~~f8.~~ The change in status ~~from subsection to section or from group to subsection~~ becomes effective on the first day of the following month~~July 1,~~ following the date of approval by the Knowledge and Community Board of ~~on Global Communities~~ to simplify the allotment of any funds based on and the possible transfer of members.

C. Groups

1. Formation of a Group

- a. A group may be established when approved by the Section leadership.
- b. A formal request must be submitted describing rationale for special group, number of participants expected, signatures of leaders of group.

expected length of existence, geographic area of activities and how activities that promote the mission and vision of ASME.

c. The group shall provide regular periodic reports to the Section leadership.

d. If the Section leadership determines the group to be deficient in its activity, a recommendation shall be made for the dissolution of the group.

Formatted: Indent: Left: -0.06"

Responsibility: Member Development and Engagement Sector

Reassigned from Knowledge and Community Sector 6/20

Reassigned from Council on Member Affairs 6/1/05

Adopted: April 29, 1953

Reaffirmed: September 18, 1998

Revised: March 6, 1959
November 28, 1960
October 4, 1963
November 27-28, 1966
June 18, 1975
March 7, 1976)
October 15, 1976
January 27, 1978
January 19, 1984
(editorial changes 3/84)
(editorial changes 6/87)
(editorial changes 8/88)
(editorial changes 12/89)
(editorial changes/reaffirmation 9/98)
June 6, 2001
(editorial changes 6/04)
June 1, 2005



P-12.14
2/15

SOCIETY POLICY USE OF MEMBER DATA

I. PREFACE

A. Definitions:

As used in this policy,

"ASME Database" refers to a central repository for data concerning the members of ASME and other constituents, in any form or format.

"Member data" refers to information regarding individual members of ASME. This may include information of a personal nature, such as name, postal address, ~~email address~~, telephone number, date of birth, employment information, etc.; or information pertaining to an individual's membership in ASME, such as years of membership, membership grade, offices held, order information, participation, demographics, etc.

"Unit" or "units" refers to any ASME internal organizational entity formally recognized by the Board of Governors for the purpose of carrying out the Society's mission ~~(e.g., Sectors, Groups and designated organizations, such as the ASME Foundation).~~

- B. Providing ASME member data to the Society leadership entails some risk of misuse, whether intentional or unintentional.
- C. Use of ASME member data by the Society's leadership is perceived as a beneficial volunteer management tool to assist the organization and operation of the units of ASME.
- D. The ASME Database contains confidential and proprietary information about ASME Members and other constituents.
- E. The use of the ASME Database is subject to restrictions by government regulations that all units of the Society must abide by.

II. PURPOSE

- A. To amplify the applicability of Society Policy P-15.8, "Conflicts of Interest," with regard to the handling and use of ASME member data.
- B. To provide guidelines for the ~~development and~~ use of member data by ASME units, mailing lists or other listings developed from member information contained in the membership database for the internal use of the units of ASME and to establish the relationship with respect to the mailing lists covered by Society Policy P-12.8, "Distribution of Mailing Lists."
- C. To present procedures and guidelines to minimize the risk of misuse.

P-12.14
2/15

III. POLICY

A. The ASME Database and the information contained therein are the exclusive property of ASME; the member data contained within the membership database may be made available on loan to ASME Members in unit leadership positions solely for internal use by units of ASME.

~~B. The following limitations apply to the use of member data:~~

~~B.~~ The member data ~~provided to ASME members in leadership positions~~ is for the exclusive internal use of units of ASME for ASME-related activities.

~~C. The use of the membership list to promote non-ASME related activities, products or services by an outside organization shall be governed by Society Policy P-12.8.~~

~~D. The use of the membership list to promote non-ASME related activities, products or services by an outside organization shall be governed by Society Policy P-12.8.~~

~~E.~~

~~C.~~

~~D.~~ The member data ~~provided to ASME members in leadership positions~~ may be used to communicate with members by postal mail or telephone about ASME-related activities, or to analyze the demographics of the unit.

~~E.~~ Member email addresses are not included in data lists to comply with changes in global privacy and SPAM laws, as well as ASME privacy policies. Oversight of the criteria, parameters and methods on how the unit can communicate with its members will lie with the ASME unit.

~~F. analyze the demographics or other dimensions of ASME units, generate mailing labels, or generate email lists for use within ASME units.~~

~~G.~~

~~F.~~ Any form of the member data may not be in any way exchanged, sold, lent, given, or bartered to any other person, company, or organization except in the case of mailing labels for transfer to mailing-services for the sole and specific purpose of processing mailings for use within ASME units.

~~H.G.~~ Transfers of member data onto a hard disk or any other form of shared resource system, including, but not limited to mainframe computer, is prohibited.

~~H.H.~~

~~1. When using a member's email address to send solicitations and announcements regarding unit activities, such practice shall be limited to no more than two emails to a member in any given week. The use of mass email by units is subject to adjustment by ASME as necessary to comply with changes in global internet privacy and SPAM laws.~~

~~2. Provision of Member Data to ASME Units~~

Formatted: Font: Bold

Formatted: Font: Bold, Not Expanded by / Condensed by

Formatted: Font: Not Bold

P-12.14
2/15

~~a. Access to member data for a unit will be made available to up to three members in leadership positions of those units defined in paragraph IV.A.1 of this Society Policy upon verification of the requirements in paragraph IV.A.2 of this Society Policy.~~

~~This responsibility may not be transferred.~~

~~b. Transfers of member data onto a hard disk or any other form of shared resource system, including, but not limited to mainframe computer, is prohibited.~~

~~3.i.~~ ASME does not provide any warranty as to the accuracy of the data contained within the membership database, nor does it warrant that the data format is compatible with any particular brand or type of computer system or software.

Formatted

~~4.j.~~ The performance of all recipients of member data under the terms of this Society Policy shall also fall under ASME Policy P-15.8, "Conflicts of Interest." The recipients' execution of the agreements to this Society Policy and to Society Policy P-15.8, "Conflicts of Interest," is required.

Formatted

IV. PROCEDURE

A. Provision of Member Data to ASME Units.

~~1. Data/access to data can be requested from the unit's Staff contact. Only current leaders of the unit with all applicable agreements on file with ASME may have data/access to member data. This responsibility may not be transferred. At the start of each fiscal year, each unit of the Society may identify up to three members in leadership positions, as defined in III.B.6.a above, who are to have access to current member data for that unit. Such access will be limited to one year and may be renewed as necessary. In addition, sSuch leaders shall be responsible for complying with all applicable domestic and foreign laws including but not limited to laws relating to privacy. Any questions related to the use of member data shall be directed to the Group Pathways and Support department.~~

Formatted: Font: Bold, Not Expanded by / Condensed by

~~1.~~

~~2. Prior to authorizing access to member data verification will be made of each individual's acceptance of this Society Policy, of Society Policy P-15.8, "Conflicts of Interest" and that the individual's member record contains a current position code for one of the leadership positions as required by this Society Policy.~~

~~3.2.~~ To ensure that the most current member data is used and to abide by individual member's request to "opt out" of receiving solicitations from ASME, the authorized individuals shall only use the member data that is available on

P-12.14
2/15

the ASME database and shall not make archive copies of the data to ensure control requirements of this Society Policy. If using reports, a new report should be requested for each data need.

~~4.3. The Staff teams working with ASME units Group Pathways and Support department will determine what information from the ASME Database will be included in the member data provided to units and in what format the data shall be made available. The Group Pathways and Support department will annually review the data provided to units under this Society Policy.~~

B. Use of the Member Data.

1. Questions regarding the internal uses of member data by units of the Society should be directed to:
ASME Section Operations
Group Pathways and Support
Two Park Avenue
New York, NY 10016-5990
2. Upon request by the Executive Director of ASME or his/her designee, all data and any copies made thereof shall be immediately returned to the Society or destroyed. At that time, the Member responsible for the data shall certify in writing to the Managing Director, Marketing and Sales all original data and any copies have been returned or destroyed and that all of the data that had been loaded onto a hard disk or other form of shared resource system has been permanently deleted.
3. Violations of this Society Policy shall be reported to the Executive Director of ASME or his/her designee, so that ASME may take action to protect the confidential and proprietary nature of its member data.
4. Recipients of this data by virtue of their signed agreement with this Policy and Society Policy P-15.8, "Conflicts of Interest," assume full responsibility for adherence to these Society Policies.

C. Corrections to the Membership Database.

Volunteer leaders should encourage all ASME members to update contact information through their ASME online account, or by contacting ASME Customer Care. Any other changes to member information that may be identified/found by leaders can be forwarded to the unit's ASME Staff contact for appropriate action. All additions, deletions, and corrections to the membership database identified by the leaders of ASME units, or their designees, should be documented and forwarded to:

ASME
Customer Care

P-12.14
2/15

150 Clove Road
Little Falls, NJ 07424

Appropriate authorization for any change must include the date, the member's name, current office, and his or her signature.

P-12.14
2/15

ASME Member Data User Agreement

I request access to member data for the unit(s) I'm volunteering with the Group of ASME.

I understand that the data contains confidential and proprietary information about members of ASME.

I have read and agree to adhere to Society Policy P-12.14, "Use of Member Data," and its limitations on the use of this data.

I have also read and agree to adhere to Society Policy P-15.8, "Conflicts of Interest," in regard to my use of this data.

Signature _____ ASME Unit _____

Name (Please Print) _____ Date _____

Mail or FAX to:
ASME Group Pathways and Support
Two Park Avenue
New York, NY 10016 5990
FAX: 212 591 7671Completed agreements should be submitted to the unit's ASME Staff contact.

Responsibility: Board of Governors

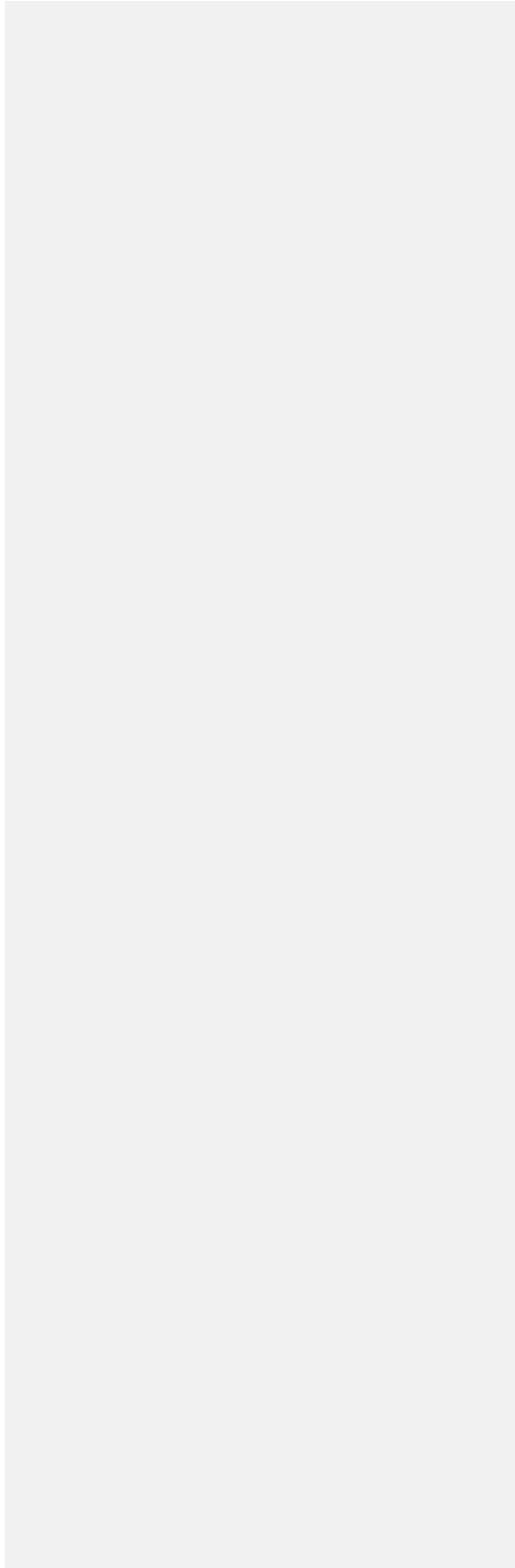
Reassigned from Knowledge and Community Sector Board 9/19/14
Reassigned from Council on Member Affairs 6/12/05
Reassigned from the Committee on Planning and Organization 6/11/97

Adopted: September 14, 1989

Revised: (editorial changes 8/93)
June 11, 1997
June 9, 1999
September 23, 2001
June 12, 2005
November 13, 2010
(editorial changes 7/12)

(editorial changes 3/13)
February 12, 2015

P-12.14
2/15





P-13.5
3/18

SOCIETY POLICY

ASME SCHOLARSHIP PROGRAMS

I. PREFACE

- A. Article C2.1.1 of the Constitution states in part, "The purposes of this Society are to: ...Foster engineering education;..."
- B. Scholarship programs are effective in stimulating interest in engineering education and will reflect credit on ASME provided they are conceived and administered in a manner worthy of the Society's standing and prestige.
- C. For the purpose of this Society Policy, a scholarship shall be considered to be a grant made to a student to enable or assist the student in pursuing an educational program in mechanical engineering or mechanical engineering technology at the undergraduate or graduate level.

II. PURPOSE

- A. To state the policy pertaining to ASME scholarships.
- B. To provide the procedure for ASME scholarships.

III. POLICY

- A. The ASME encourages the establishment of scholarship programs as a support to engineering education in fulfillment of the Society's stated purpose.
- B. Any recognized unit of the Society may establish a scholarship program identified as an ASME program under that particular unit by following the procedures of IV.

IV. PROCEDURE

- A. The unit of the Society wishing to establish a scholarship program shall prepare a document describing the organization and management procedures that will control the scholarship program.
- B. The unit shall submit a request for approval of a proposed scholarship program to the ~~Group Engagement~~Scholarship Committee.
- C. Upon favorable vote of the ~~Group Engagement~~Scholarship Committee, a copy of the document required under IV.A shall be provided to the Managing Director ~~for the Public Affairs and Outreach Council~~overseeing the scholarship programs.

- E. The generation and disbursement of funds will be in compliance with Society Policy P-2.1 "Custodian and Operating Funds-technical divisions, research committees and sections."

Responsibility: Public Affairs and Outreach

Reassigned from Centers Board of Directors 6/2012
Reassigned from Council on Education 6/12/05

Adopted: June 1, 1979

Reaffirmed: August 6, 1995

Revised: June 10, 1983
(editorial changes 6/87)
(editorial changes 8/88)
(editorial changes 6/89)
March 16, 2002
June 12, 2005
(Unit Reassignment Due to Reorganization 6/2012)
(editorial changes 3/18)



Board of Governors Meeting Agenda Item Cover Memo

Date Submitted:	April 21, 2020
BOG Meeting Date:	June 15, 2020
To:	Board of Governors
From:	Committee on Organization and Rules
Presented by:	Fred Stong
Agenda Title:	By-Law Amendments – Changes to Committee on Finance and Investment

Agenda Item Executive Summary:

The Committee on Finance and Investment is to be renamed the Committee on Finance.

The Board has previously formed an Executive Committee with specific responsibilities previously held by COFI. The Board has adopted the various changes to By-Laws with respect to the Executive Committee. A need now arises to make complimentary changes to By-Laws related to COFI. The changes herein with respect to COFI are being submitted to the BOG for adoption.

Proposed motion for BOG Action: To adopt changes to By-Law B4.4 and B5.2.

Attachment(s): By-Law changes.

B4.4 FUNDS

- B4.4.1 All funds received shall be directed to the office of the Chief Financial Officer for proper recording and deposit in authorized bank accounts.
- B4.4.2 All amounts due from members and others shall be collected by the office of the Chief Financial Officer.
- B4.4.3 Funds may be solicited from sources outside of the Society for the conduct of research.
- B4.4.4 No grant, gift or bequest to the Society shall be accepted until it and any restrictions thereon have been approved by or under the authority of the Board of Governors. Upon receipt, such grants, gifts and bequests shall be invested and used for the Society's purposes and in accordance with any restrictions thereon mandated by the donor and approved by or under the authority of the Board of Governors. The Executive Committee of the Board of Governors may accept unrestricted grants, gifts or bequests with a value of less than \$2,500,000.
- B4.4.5 The Committee on Finance ~~and Investment~~, under the direction of the Board of Governors, shall be responsible for the management of the securities of the Society.
- B4.4.6 All payments for expenditures shall be made by the office of the Chief Financial Officer upon proper authorization, in accordance with the budget adopted by the Board of Governors.
- B4.4.7 The Chief Financial Officer shall regularly report to the Committee on Finance ~~and Investment~~ the total expenditures incurred against each appropriation in the adopted budget. The Committee on Finance ~~and Investment~~ will report the financial position of the Society to the Board of Governors.
- B4.4.8 Any contract or other obligation to pay money in the work of the Society shall be valid only when signed by the Executive Director, the Chief Financial Officer, or the Assistant Treasurer.
- B4.4.9 The accounts of the Society shall be audited annually by a certified public accountant appointed by the Board of Governors and ratified by the corporate membership.
- B4.4.10 No part of net earnings of the organization shall inure to the benefit of any member, trustee, director, officer of the organization, or any private individual (except that reasonable compensation may be paid for the services rendered to or for the organization), and no member, trustee, officer of the organization or any private individual shall be entitled to share in the distribution of any of the organization's assets on dissolution of the organization.

B4.4.11 In the event of dissolution, all of the remaining assets and property of the organization shall, after payment of necessary expenses thereof, be distributed to such organizations as shall qualify under section 501(c) 3 of the Internal Revenue Code of 1986.

B5.2 SECTORS AND COMMITTEES REPORTING TO THE BOARD OF GOVERNORS

B5.2.1 The sectors reporting to the Board of Governors shall be the Member Development and Engagement Sector, Standards and Certification Sector, Technical Events and Content Sector, the Public Affairs and Outreach Sector and the Student and Early Career Development Sector.

Each sector shall be led by a council. The council of each sector shall consist of such voting members as specified in the sector By-Laws. Individuals, as may be required or designated pursuant to any statute, regulation, or court order or consent decree may also be voting or non-voting members of a sector council. A member of the senior staff of the sector, if any, may be a voting member of the sector council. The sector council may designate both volunteer and staff non-voting members.

The duties and responsibilities of the sectors shall be as designated from time to time by the Board of Governors. Each sector shall maintain its own operation guide as prescribed by Society Policy. Each sector shall be chaired by a senior vice president who shall serve a term of three years. Additional service as the same senior vice president may occur after an interruption of one or more years or following a partial term. Senior vice presidents shall attend meetings of the Board of Governors without vote.

B5.2.2 The following Standing Committees shall report to the Board of Governors and shall be appointed by the Board as determined in the By-Laws: Executive Committee, Committee on Organization and Rules, Committee on Finance ~~and Investment~~, Audit Committee, Committee on Executive Director Evaluation and Staff Compensation, Committee on Honors, Committee of Past Presidents, Sector Management Committee, Philanthropy Committee, Diversity and Inclusion Strategy Committee, Industry Advisory Board, and Volunteer Orientation and Leadership Training Academy. Each Standing Committee shall maintain its own operation guide as prescribed by Society Policy. If a Standing Committee includes individuals who are not Governors, it is not a committee of the Board and may not bind the Board; ~~provided, however, that the Committee on Finance and Investment may bind the Board with respect to investment matters without regard to whether it includes individuals who are not Governors.~~

B5.2.3.1 The Executive Committee shall act on behalf of the Board of Governors between Board of Governors meetings, its authority limited to those matters specifically provided for in these By-Laws and specifically delegated to it, consistent with applicable law, by the Board of Governors from time to time. All such actions shall be ratified by the Board of Governors at its next scheduled meeting. The Executive Committee shall have responsibility to accept grants, gifts or bequests in accordance with By-Law B4.4.4. The Executive Committee shall meet from time to time as deemed necessary by the Committee.

B5.2.3.2 The President will serve as Chair of the Executive Committee. The Immediate Past President, President-Elect and one third-year Governor, who is selected by closed written ballot by the Board of Governors at the Board's first meeting of the fiscal year,

shall constitute the remaining voting members of the Executive Committee. If a round of closed written balloting shall fail to produce a majority vote of those present and constituting a quorum in support of a third-year Governor, the lowest vote-getter shall be removed from the ballot for one or more subsequent rounds of closed written balloting until a single candidate shall receive a majority vote of those present and constituting a quorum. If a round of closed written balloting shall produce a tie, the tie shall be broken by a drawing of straws by the tied candidates, and the candidate who draws the shorter or shortest straw shall be removed from the ballot for one or more subsequent rounds of closed written balloting until a single candidate shall receive a majority vote of those present and constituting a quorum. The President-Nominee (until such time as he or she becomes President-Elect) and the Executive Director are non-voting members of the Executive Committee.

- B5.2.4.1 The Committee on Organization and Rules, under the direction of the Board of Governors, shall have responsibility for ensuring that the Society is organized and supplied with qualified leadership to serve the current and anticipated future needs of the membership, and shall reexamine regularly the Constitution, By-Laws and Policies of the Society.
- B5.2.4.2 The Committee on Organization and Rules shall select its own Chair and Vice Chair. Its membership shall be determined by the Board of Governors. The President-Elect may select a Governor to serve as Liaison to the Committee during their Presidential term.
- B5.2.5.1 The Committee on Finance ~~and Investment~~, under the direction of the Board of Governors, shall have responsibility for supervising the financial ~~and investment~~ affairs of the Society and supporting the Board and its committees by conducting an annual review of the Society's budgets.
- B5.2.5.2 The Committee on Finance ~~and Investment~~ shall select its own Chair.

The Treasurer shall be an ex officio member of the Committee with vote and shall serve as Vice Chair. The Chief Financial Officer and the Assistant Treasurer shall be ex officio members of the Committee without vote. Other members shall be determined by the Board of Governors. The President-Elect may select a Governor to serve as Liaison to the Committee during their Presidential term.

- B5.2.6.1 The Committee on Executive Director Evaluation and Staff Compensation, under the direction of the Board of Governors, shall have responsibility for making recommendations to the Board regarding the Executive Director's performance planning and evaluation and for making recommendations to the Board regarding the Executive Director's compensation, including salary and bonus recommendations.

The Committee shall also have the responsibility to advise the Board of Governors on activities of the Society's staff regarding: staff compensation, including bonus programs; volunteer/staff collaboration survey; staff planning and organization; staff training and development; staff and retiree benefit programs, including pension plans. The committee will also be responsible for staff related Society Policies P-7.1, (Recognition of Staff Members - 5 Years or More of Service) and P-7.2, (Staff Employment Guidelines).

In addition, the Committee has oversight responsibilities for the Pension Plan Trustees and the Retirement Plan Committee.

- B5.2.6.2 The Committee on Executive Director Evaluation and Staff Compensation shall consist of the President, the President-Nominee/Elect, the Immediate Past President and three current Board members at-large (serving staggered terms on the Board). The President and Immediate Past President are ex officio members of the committee with vote. The President-Nominee/Elect is an ex officio member of the Committee without vote. The Immediate Past President shall be the Chair. The incoming first-year Governor shall be selected by the President-Elect and approved by the Board of Governors.

The term of each of the current Board members at-large expires when their Board term expires.

- B5.2.6.3 The Pension Plan Trustees, under the direction of the Committee on Executive Director Evaluation and Staff Compensation, shall have responsibility, as specified in the American Society of Mechanical Engineers Pension Plan, for the investment and ultimate distribution of the funds and may also act as Plan agent for the service of legal process.

The Pension Plan Trustees shall consist of up to seven members: the Treasurer of ASME; the Chief Financial Officer, and three to five at-large members recommended by the Committee on Executive Director Evaluation and Staff Compensation for appointment by the Board of Governors.

The terms of the at-large members shall be three years ending at the close of the second Society-Wide Meeting on a schedule established by the Committee on Executive Director Evaluation and Staff Compensation. Except as provided in this section, a Pension Plan Trustee who is a member-at-large may serve no more than two consecutive full terms. To be eligible for additional full terms, a member-at-large must be nominated by the Committee on Executive Director Evaluation and Staff Compensation upon a finding by the Committee that specifies exceptional circumstances warranting the additional terms, and a written statement of such findings must accompany the nomination when it is communicated to the Board of Governors by the Chair of the Committee. The nominee may then be appointed only upon the affirmative vote of two-thirds of the entire Board of Governors.

- B5.2.6.4 The Retirement Plan Committee, under the direction of the Committee on Executive Director Evaluation and Staff Compensation, shall have responsibility, as specified in the ASME Thrift Plan, the ASME Defined Contribution (DC) Plan, the ASME 457(b) Plan, and the ASME 401(k) Plan documents, including to act as Plan Administrator and Named Fiduciary for such plans and assume such responsibilities as developing investment policy statements, selecting and monitoring investment choices, benchmarking Plan administration expenses and investment plan administrators performance and selecting, appointing and retaining plan investment, governance and plan administration compliance advisors, as well as having the power to make ministerial and technically required plan amendments.

The Retirement Plan Committee shall consist of four members: two members of the Executive Management Team, one member of the Human Resources Department and one Volunteer member of the Pension Plan Trustees. The three staff members will be nominated by the Executive Director and appointed at the discretion of the EDESC. The pension plan trustee shall be recommended by the Pension Plan Trustees and may be appointed at the discretion of the EDESC.

The ASME Staff members of the Committee may be members with vote for as long as they hold the positions described in this By-Law B5.2.5.4. The Pension Plan Trustee member's term will be for as long as they are a member of the Pension Plan Trustees.

- B5.2.7.1 The Committee on Honors, under the direction of the Board of Governors, shall have responsibility for recommending properly selected candidates for honors, medals, Honorary Members, and awards, and as required shall recommend recipients of joint awards, all subject to approval by the Board of Governors. However, the Board may delegate to the Committee on Honors the power to approve candidates for any honor, medal or award other than Honorary Member or ASME Medalist.
- B5.2.7.2 The Committee on Honors shall select its own Chair and Vice Chair. Its membership shall be determined by the Board of Governors. The Chair of the General Awards Committee shall be an ex officio member with vote. The President-Elect may select a Governor to serve as Liaison to the Committee during their Presidential term.
- B5.2.7.3 The General Awards Committee, under the direction of the Committee on Honors, shall seek candidates for all honors and awards except Honorary Members, the ASME Medal, and group-level awards, and shall screen nominations and make recommendations to the Committee on Honors.

The General Awards Committee shall consist of a Chair, a Vice Chair and a membership as determined by the Committee on Honors.

- B5.2.7.4 Other Society award committees, including special award committees, shall in accordance with the policies and procedures administered by the Committee on Honors, seek nominees for honors in their several areas of interest, shall screen nominations, and make recommendations to the Committee on Honors.
- B5.2.8.1 The Committee of Past Presidents, under the direction of the Board of Governors, shall have responsibility for electing Fellows, overseeing the ethical practice of engineering, and providing guidance on matters where its experience may be useful, upon request by the President, Board of Governors, and other units of the Society.
- B5.2.8.2 The Committee of Past Presidents shall select its own Chair and Vice Chair. Its membership shall consist of all living Past Presidents, unless the Board of Governors or Ethics Committee makes a finding that results in the censure, expulsion, suspension or other disciplinary action of a Past President involving the following conduct:
- (a) violation or attempted violation of the ASME Ethics or Conflicts of Interest Policy, knowingly assisting or inducing another to violate or attempt to violate the ASME Ethics or Conflicts of Interest Policy, or doing so through the acts of another;
 - (b) illegal conduct that adversely reflects on the Past President's honesty, trustworthiness or fitness to serve ASME in a position of trust;
 - (c) conduct involving breach of fiduciary duty, dishonesty, fraud, deceit or misrepresentation;
or
 - (d) other conduct that is or reasonably could be harmful to the reputation and administration

of the Society.

Disciplinary action for conduct described in B5.2.7.2 (a) through (d) shall render a Past President ineligible for membership on the Committee of Past Presidents and shall result in the expulsion from the committee of any current member of the Committee of Past Presidents.

B5.2.9.1 The Audit Committee, under the direction of the Board of Governors, shall have responsibility for overseeing the accounting and financial reporting process of the Society and the audit of its financial statements and report its activities to the Board. The Committee will be responsible for overseeing the adoption and implementation of, and compliance with, the Society Policies on whistleblowers and conflicts of interest. The Committee will annually consider the performance and independence of the independent auditor and recommend retaining or renewing the retention of the independent auditor to the Board. The Committee will liaise with the independent auditor prior to the commencement of the audit and upon completion of the audit, review and discuss the audit results and any related management letter with the auditor, including:

(a) any material risks and weaknesses in internal controls identified by the auditor;

(b) any restrictions on the scope of the auditor's activities or access to requested information;

(c) any significant disagreements between the auditor and management; and

(d) the adequacy of the Corporation's accounting and financial reporting processes.

B5.2.9.2 The Audit Committee shall consist of three current Board members-at-large (serving staggered terms on the Board) who serve as voting members. The Committee membership is determined by the Board of Governors and consists solely of "independent" members of the Board as defined under Section 102(a) (21) of the New York Not-for-Profit Corporation Law. The Chair shall be the senior Governor and the Vice Chair shall be the second-most senior Governor.

The Treasurer shall be an ex officio member of the Committee without vote. The Chief Financial Officer and the Assistant Treasurer shall be ex officio members of the Committee without vote. The President-Elect makes the recommendation on the incoming first-year Board member-at-large. The term of the Board members-at-large expires when their Board term expires.

B5.2.10.1 The Philanthropy Committee, under the direction of the Board of Governors, shall have responsibility for advising the Board of Governors and assisting the Society in connection with fundraising activities and philanthropic programs carried out using the Society's name or other resources.

B5.2.10.2 The Philanthropy Committee shall select its own chair and vice chair. The ASME Executive Director, the ASME Managing Director of Philanthropy and the ASME Managing Director of Programs shall be ex officio members of the Committee without vote. Other members shall be determined by the Board of Governors. The President-Elect may select a Governor to serve as Liaison to the Committee during their Presidential term.

B5.2.11.1 The Diversity and Inclusion Strategy Committee, under the direction of the Board of

Governors, shall have responsibility for providing insight and advice into promoting diversity and inclusion within ASME and mechanical engineering.

- B5.2.11.2 The Diversity and Inclusion Strategy Committee shall select its own Chair and Vice Chair. Its membership shall be determined by the Board of Governors. The President-Elect may select a Governor to serve as Liaison to the Committee during their Presidential term.
- B5.2.12.1 The Industry Advisory Board, under the direction of the Board of Governors, shall have responsibility for providing a voice for industry within ASME through the communication of the needs of engineers that are engaged in industry.
- B5.2.12.2 The Industry Advisory Board shall select its own Chair and Vice Chair. Its membership shall be determined annually by the Board of Governors. The President-Elect may select a Governor to serve as Liaison to the Board during their Presidential term.
- B5.2.13.1 The Volunteer Orientation and Leadership Training Academy, under the direction of the Board of Governors, shall have responsibility for developing ASME's volunteer leadership. VOLT's programmatic offerings extend to volunteers serving throughout the Society at all levels.
- B5.2.13.2 The Volunteer Orientation and Leadership Training Academy shall select its own Chair and Vice Chair. Its membership shall be determined by the Board of Governors. The President-Elect may select a Governor to serve as Liaison to the Academy during their Presidential term.



Board of Governors Meeting Agenda Item Cover Memo

Date Submitted:	May 27, 2020
BOG Meeting Date:	June 15, 2020
To:	Board of Governors
From:	Callie Tourigny, Senior Vice President, Student and Early Career Development
Presented By:	Elizabeth Strautin, Chair, Early Career Engineer Programming Committee Simon Pun, Career Engagement Center Product Co-Owner Omar Kheir, CEC Project Manager Khosro Shirvani, Team Member
Agenda Title:	Overview of the Career Engagement Center

Agenda Item Executive Summary:

The Career Engagement Center (CEC) Team will provide the Board of Governors with an overview of the Career Engagement Center concept, how it will assist Early Career Engineers, and transform ASME's capacity to retain students after they graduate from college and beyond.

The discussion will last 25 minutes, with 15 minutes of presentation and 10 minutes of Q&A.

Proposed motion for BOG Action: **Information Only**

Attachment(s): Career Engagement Center Overview Presentation Deck

My Dashboard

Chanda, your account profile is 35% complete. Completing your profile will return improved results when using the career tools on this website.

[Complete Your Profile](#)

28% My Dream Career Roadmap

You've reached 28% of your goals to complete Your Dream Career Roadmap. Visit your roadmap to make necessary changes.

[View Your Roadmap](#)

Job Market Intelligence

Based on your last Job Market Intelligence searches, the following may be of interest to you.

- System engineer opportunities at Amazon in Seattle, WA.
- Increased opportunities for system engineers in the Denver, CO area.
- Increased salary opportunities for system engineers in the NY, NY area.

[Search More Intelligence](#)


Your Roadmap Goals

You have the following opportunities complete on your My Dream Career Roadmap.


- Complete your Solar Thermal Installation Certification.
- You have a vocational school event at Park on April 27, 2020.
- You have a Standard event on April 30, 2020.

[View Your Roadmap](#)


Latest Industry Insights



NASA engineer's 'helical engine' may violate the laws of physics



Our wooden future: making cars, skyscrapers and even lasers from wood



World's longest sea bridge opens between Hong Kong and mainland China

ASME Career Engagement Center

Overview Presentation for the Board of Governors

Presented By: Simon Pun, Omar Kheir, Khosro Shirvani, Elizabeth Strautin

June 15th, 2020

Minutes Appendix 2.1
Page 2 of 22

ECE BRAND IDENTITY

Welcome back, Chanda! Profile | Notifications

My Profile

Chanda, your account profile is 35% complete. Completing your profile will return improved results when using the career tools on this website.

Profile Image
[Change](#) | [Delete](#)

Website Header Image
[Change](#) | [Delete](#)

[Upload Resume](#) | [in](#) | [Upload LinkedIn Profile](#)

Personal

Chanda Gopinath [✎](#) | cgopinath@gmail.com [✎](#)

(212) 781-3484 [✎](#) | New York City, NY [✎](#)

What are some things you enjoy doing outside of work?

I like investing my free time by volunteering for orgs like Charity Water [✎](#)

Education

Degree: Associate Bachelor's Master's Doctorate PhD [✎](#)

Discipline: Mechanical Engineering Electrical Engineering Automotive Engineering Aerospace Engineering Design Manufacturing Quality Assurance Research & Development

Employment and Experience

Status: Student Employed Unemployed [✎](#)

Experience Level: 0-2 Years 2-5 Years 5-8 Years 8+ Years [✎](#)

Current Track: Technical Management Non-Technical

Technical Skills: AutoCAD C++ Finite Element Analysis Geometric Dimensioning and Tolerancing Computational Fluid Dynamics

[+](#)

Soft Skills: Leadership Management Problem Solving Effective Communicator Professional Development

Profile Dashboard Upgrade Account Contact Us

in t w f i

Presentation Overview

Timing

- 25 Minutes in Total
- 15 Minutes of Presentation
- 10 Minutes of Q & A

Objective

To provide the ASME Board of Governors with an overview of our research and findings and our recommendation of a scalable model to better engage and serve our Early Career community.

Action

While the official action is INFORMATION ONLY, we value the BoG's feedback on our vision for the CEC.



My Dashboard



Chanda, your account profile is 35% complete. Completing your profile will return improved results when using the career tools on this website.

[Complete Your Profile](#)



My Dream Career Roadmap

You've reached 28% of your goals to complete Your Dream Career Roadmap. Visit your roadmap to make necessary changes.

[View Your Roadmap](#)

Job Market Intelligence

Based on your last Job Market Intelligence searches, the following may be of interest to you.

- ▶ System engineer opportunities at Amazon in Seattle, WA
- ▶ Increased opportunities for system engineers in the Denver, CO area
- ▶ Increased salary opportunities for system engineers in the NY, NY area

[Search More Intelligence](#)

Your Roadmap Goals

You have the following updates to complete on your My Dream Career Roadmap.

- ▶ Complete your Solar Thermal Installation Certification
- ▶ You have a voicecall scheduled at Park on April 27, 2020
- ▶ You have a Standard on the event on April 30, 2020

[View Your Roadmap](#)

Latest Industry Insights



NASA engineer's 'helical engine' may violate the laws of physics



Our wooden future: making cars, skyscrapers and even lasers from wood







World's longest sea bridge opens between Hong Kong and mainland China





Early Career Engineering Programming Committee
Career Engagement Center – CEC Team
Employer Value Team
Content Creation & Delivery
Presentations at All Levels – ReAL Team
Student to ECE Transition & Community Building

- 
Anand Sethupathy
- 
Serosh Shahid
ASME Staff
- 
Cheryl Hasan
- 
Nida Vihidy

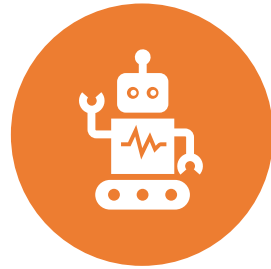
- 
Simon Pun
Divergent3D
- 
Omar Kheir
EPCOM
- 
Khosro Shirvani
Farmingdale State College
- 
Maya Reslan
NIST
- 
Jennifer Bowlin
Henderson Engineers
- 
Justin Young
Denmar Technical Services
- 
Elizabeth Strautin
Clair Solutions
- 
Callie Tourigny
LifeAMP, LLC

FORCES OF CHANGE

Powerful economic, social & technological trends are reshaping the role and stature
Of the field of mechanical engineering, and disruptive changes are impacting professional societies



**Globalization
& Urbanization**



**Technological
Revolution**



**Demographic
Shifts**



**Transformation of
Energy Demand**



**Evolution of Association
Business Models**



**Growing Demand
For Learning**



**New & Non-Traditional
Competition**



**Changing Nature of
Mechanical Engineering**

STARTING WITH WHY

Even before COVID-19 changed the world our student and early career communities were facing a daunting financial and career landscape

◆ **UNCERTAINTY**
Technological, market, and personal disruptions create many unknowns.



◆ **TIGHT LABOR MARKET**
Engineering graduates are entering labor markets around the world that are contracting and are now competing with more experienced talent.

◆ **LAYOFFS**
Many companies lay off their entry level workforce first as they see them as more easily replaceable.

◆ **HIGH COST OF EDUCATION**
The cost of education has risen around the world. Recent graduates and those in school face daunting student debt loads.

Our Response is the Career Engagement Center

A digital platform to help student and early career engineers plan their futures and identify opportunities (volunteer and educational) that can help them achieve their long-term objectives



Visibility & Empowerment

The CEC empowers its users with data and information to enable them to position themselves for the highest odds of career success.



Where are the jobs?

Enables users to understand where the jobs are so they can increase their odds of landing the right one.



Long Term Career Planning

A Dynamic Goals Platform that exists outside of the context of an employer. Enables the exploration of advanced degrees, certifications, and career pivots.



Simulate Career Pathways

Simulate different potential pathways and make highly informed decisions on advanced degrees and career pivots.



Track Progress

Career Journey Tracking Tool enables tracking of progress over shorter time horizons.



Networking & Mentorship

Connections enable users to identify the sections, divisions, and advisors who can help them achieve their career goals.

WHAT IS THE VALUE TO ASME?

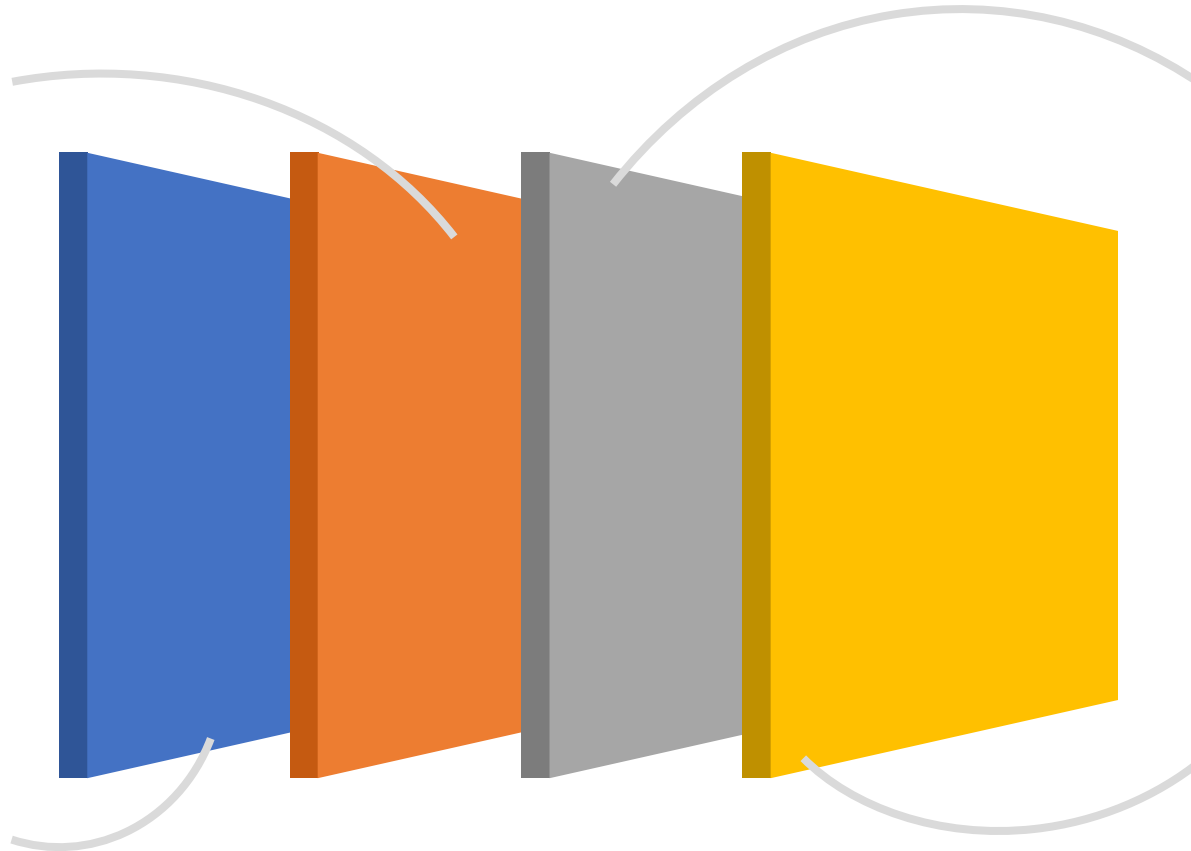
The Career Engagement Center will provide ASME leadership with a high value, sustainable and scalable offering that will provide unparalleled insights to help shape the future strategy of ASME

FUTURE PIPELINE

A high value offering to the ECE community will attract and retain ASME's future customers, members, and volunteers.

SCALABLE

As a digital first offering the CEC will offer a mechanism to reach thousands of ECE's around the world.



DATA & INSIGHTS

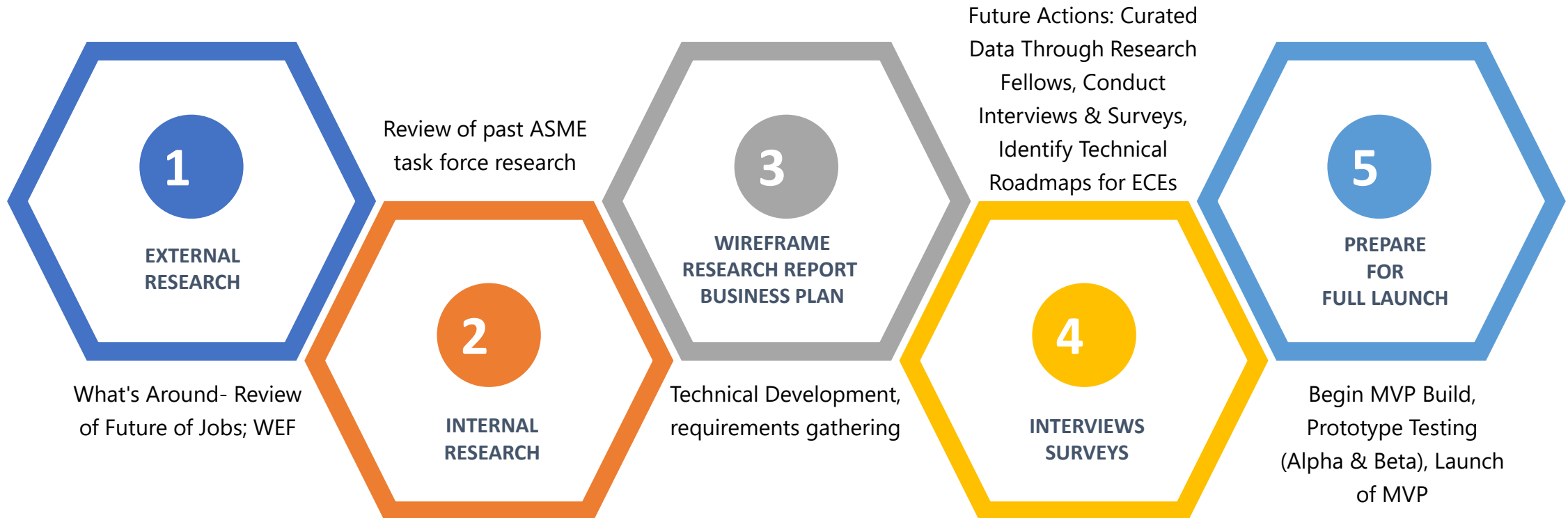
Data on the career aspirations and roadmaps of thousands of ASME members can help ASME define future Divisions, Geographic Areas of Focus, and Business Strategies.

FINANCIALLY SUSTAINABLE

At the outset, the CEC will be built using fundraising dollars, over time it will generate its own revenue and become self-sustaining eliminating the need for ASME's discretionary dollars.

OUR PROCESS

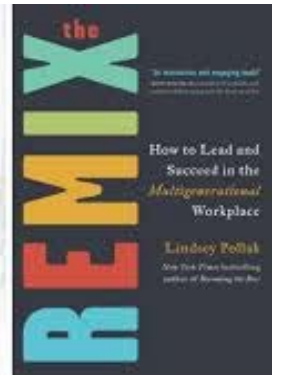
The concept of the Career Engagement Center was developed through a year-long research process where we examined and utilized ASME's past research work and that of external organizations



Research
&
Literature
Review



AMERICAN
PSYCHOLOGICAL
ASSOCIATION



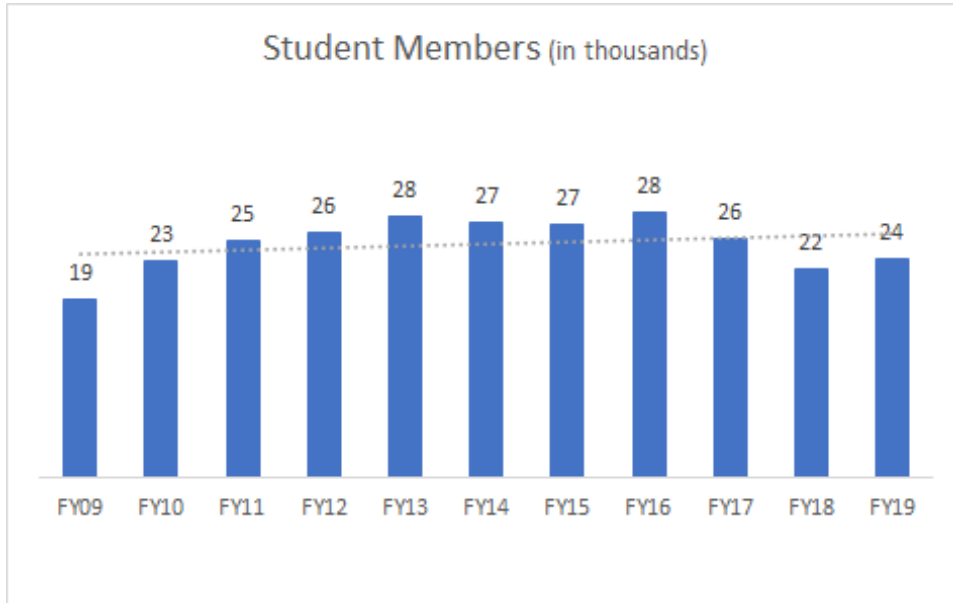
Sources of Information

- 1.Elizabeth Dunn. “Millennials Are Already Itching to Switch Careers.” 9 Aug 2019. Retrieved from <https://www.bloomberg.com/news/articles/2019-08-07/how-to-switch-careers-even-if-you-don-t-have-a-lot-of-experience>
- 2.ASME ECLIPSE (Early Career Leadership Intern Program to Serve Engineering) Intern Class of 2015-2016. “Connecting Members through Entrepreneurship Final Report”. 18 July 2019
- 3.Joseph Roy, Ph.D. (July 15, 2019) “Engineering by The Numbers Engineering Statistics.” American Society for Engineering Education (ASEE) <https://ira.asee.org/wp-content/uploads/2019/07/2018-Engineering-by-Numbers-Engineering-Statistics-UPDATED-15-July-2019.pdf>
- 4.Pollak, Lindsey. (July 2018) “Attracting and Retaining The Next Generation.” [PowerPoint presentation]
- 5.World Economic Forum - Global Challenge Insight Report. “The Future of Jobs: Employment, Skills and Workforce Strategy for the Fourth Industrial Revolution” Jan 2016. Retrieved from http://www3.weforum.org/docs/WEF_Future_of_Jobs.pdf?source=post_page
- 6.ASME Environmental Scan BOG Presentation. (2019) ‘How We Compete - Understanding ASME’s Long-Term Competitive Landscape’ [PowerPoint presentation].
- 7.ASME. ‘YouGov – What The World Thinks – YOUGov Focus Group Summary’ (2017)
- 8.Labor Force Statistics from the Current Population Survey. “Household data Annual Averages”. 3 Sept 2019 <https://www.bls.gov/cps/cpsaat11b.htm>
- 9.Dr. Katy Luchini-Colbry, Dr. Dirk Joel-Luchini Colbry, Julie Rojewski, Mrs. Astri Briliyanti. “Partners in Professional Development: Initial Results from a Collaboration between Universities, Training programs, and Professional Societies. (2019) ASEE 2019 Annual Conference. Paper ID 27333. Retrieved From: <https://sbintelligence.sharepoint.com:/b:/s/SBIPProjectFiles/EY4rNdnC-sJPhlY7cUdXWcBfSpgljUHMfTcufjQ7Ydigw?e=G6z6G8>
- 10.Alfred Soeiro. “Engineering Students’ expectations about skills and competences for jobs versus what is expected by companies and organizations. What is the need for continuing education after graduation (an European overview)?” (2018) IACEE World Conference on Continuing Engineering Education (16th Monterrey 2018). Retrieved from: https://sbintelligence.sharepoint.com:/b:/s/SBIPProjectFiles/EFN4UwTGE7JDhFizHo6kt98BRHNdRgX1kEGXushEqK_zcQ?e=as3tZt
- 11.Dr. Ashok K. Agrawal. “Preparing Engineering Professionals to Meet Industry Expectations” (2019) 2019 Conference for Industry and Education Collaboration. Retrieved from: https://sbintelligence.sharepoint.com/sites/SBIPProjectFiles/Shared%20Documents/ASME%20Secondary%20Research/FILE_preparing-engineering-professionals-to-meet-industry-expectations.pdf---don't+have+access
- 12.Dr. Aleksandr Sergeev, Dr. Mark Bradley Kinney, Prof. Scott A. Kuhl, Dr. Nasser Alaraje, Mr. mark Highum, Prince Mehandiratta. “University, Community College, and Industry Partnership: Revamping Robotics Education to Meet 21st Century Workforce Needs – NSF-sponsored Project Final Report. (2019). ASEE 2019 Annual Conference. Paper ID 26234. Retrieved from: https://sbintelligence.sharepoint.com:/b:/s/SBIPProjectFiles/ET_K11vJZptBISwalFmfbdkBi-zlpauGYD835juhvCgpbQ?e=CkPURy
- 13.Gray, Alex. “The 10 Skills you need to thrive in the Fourth Industrial Revolution” 19 Jan 2016 https://sbintelligence.sharepoint.com:/b:/s/SBIPProjectFiles/Ee1I4v8CeMIHr-Y9XBjKJYUB_e5aKRfilytGnACwRxuWnw?e=20fxj1
14. Elliott, Caroline. “E & T: Five sought-after engineering skill sets for 2017 and beyond”. 25 January 2017 <https://eandt.theiet.org/content/articles/2017/01/five-sought-after-engineering-skill-sets-for-2017-and-beyond/>
15. Ioannou, Lori. “Dell and Microsoft pour millions into A.I. start-ups that are reshaping the workforce”. 16 July 2019 <https://www.cnbc.com/2019/07/16/dell-and-microsoft-pour-millions-in-start-ups-reshaping-the-workforce.html>
- 16.Brown, Meghan. “4 Cornerstone Skills Engineers Need for the Future of Work” 16 April 2018 <https://www.engineering.com/JobArticles/ArticleID/16807/4-Cornerstone-Skills-Engineers-Need-for-the-Future-of-Work.aspx>
17. K. Edstrom, J. Bernhard, M. van den Bogaard. 2019 “Early Career Engineers and the Development of Engineering Expertise”. <https://think.taylorandfrancis.com/early-career-engineers-and-the-development-of-engineering-expertise/>
- 18.Career Engagement Center Presentation, Summer 2019, Authors: (ASME Executive Interns: Noah Ensslin, Kaelaan Maynor, Brianna Migliaccio, Rosaura Ocampo, Sam Rappaport, Xuezhi (Liam) Wang)
- 19.ASME. (February 2018) “ASME Database Segmentation Project SECD Sector Presentation”
- 20.Association Laboratory Inc. (2015) “Engaging Young Association Members”
- 21.ASME. (January 2017) “**Lapsed Students and Early Career Engineers Survey Report**” [PowerPoint presentation], Terry Shoup, Katie Correll, Eric Ducharme, John Elter, Noha El-Ghobashy, Urmila Ghia, Hind Hajjar, Rick Marboe, Najib Metni, Jeff Patterson, Tatyana Polyak, Mary Lynn Realf, Brandy Smith, Paul Stevenson, Jack Tuohy, Amos Winter. “**Increasing Engagement of Student and Early Career Engineers in ASME.**” 2 March 2017
- 22.ASME. (November 7, 2018) Satisfaction of the SECD Volunteers Who Participated in E-Fest”. [PowerPoint presentation]
- 23.Growth Zone AMS. “The Power of Young Professionals: Embracing Young Professionals & The Changing Membership landscape”. Retrieved from <https://www.growthzone.com/association-young-professional/>
- 24.The Fourth Industrial Revolution. January 2016. Klaus Schwab. <https://www.weforum.org/agenda/2016/01/the-fourth-industrial-revolution-what-it-means-and-how-to-respond/>
- 25.RA Berge, S Chakrabarti, E Grange, C Wang. Global Trends in Continuing Professional Development for Engineers. International Association for Continuing Engineering Education 2019. <https://sbintelligence.sharepoint.com:/b:/s/SBIPProjectFiles/EdC0RUzHKN9Cm5FQBx0bwJkBgqC1rfHPSGj2hXn4cfPZzg?e=vdJKRS>
- 26.World Economic Forum - Insight Report. Sept. 2018. “The Future of Jobs Report 2018”. <https://www.weforum.org/reports/the-future-of-jobs-report-2018>
- 27.ASME-YouGov. April 1, 2019. “ASME Summary of Early Career Bulletin Boards” (PowerPoint presentation)
- 28.Frontiers in Psychology. Fouad NA, Chang W-H, Wan M, Singh R. June 30, 2017, doi:10.3389/fpsyg.217.00875. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5491652/#!po=36.0465>
- 29.Harvard Business Review. M. Teresa Cardador, Brianna Barker Caza. November 23, 2018. “The Subtle Stressors Making Women Want to Leave Engineering”. <https://hbr.org/2018/11/the-subtle-stressors-making-women-want-to-leave-engineering>
- 30.Enggirlproblems.com. Olivia Gillis. June 28, 2018. “Why are Women Leaving Engineering?”. <https://www.enggirlproblems.com/allposts/2018/06/28/why-are-women-leaving-engineering>
- 31.Nadya A. Fouad, Ph.D. University of Wisconsin-Milwaukee. American Psychological Association Annual Convention. August 7-10, 2014. “Leaning in but Getting Pushed Back (and Out)”. <https://www.apa.org/news/press/releases/2014/08/pushed-back.pdf>
- 32.Fortune. Jane Lansing. August 8, 2015. “Women in tech: don’t even try to fit in a man’s world”. Retrieved from <https://fortune.com/2015/08/08/jane-lansing-women-in-tech/>
- 33.NPR. Nicholas St. Fleur. August 12, 2014. “Many Women Leave Engineering, Blame the Work Culture”. <https://www.npr.org/sections/alltechconsidered/2014/08/12/339638726/many-women-leave-engineering-blame-the-work-culture>
- 34.Collegexpress.com. Stephanie Farah. August 2014. “Where the Boys Are: Why Are Women Leaving Engineering?”. <https://www.collegexpress.com/interests/science-and-engineering/blog/where-boys-are-why-are-women-leaving-engineering/>
- 35.Deloitte. Global Business Coalition for Education. “Preparing tomorrow’s workforce for the Fourth Industrial Revolution For business: A framework for action.” <https://www2.deloitte.com/global/en/pages/about-deloitte/articles/gx-preparing-tomorrow-workforce-for-the-fourth-industrial-revolution.html>
- 36.Statista.com. Madhumitha Jaganmohan. Nov 6, 2019. “Number of students enrolled in engineering at an undergraduate level across India in 2019, by discipline.” <https://www.statista.com/statistics/765482/india-number-of-students-enrolled-in-engineering-stream-by-discipline/>
- 37.Forbes. Bernard Marr. May 13, 2019. “14 Essential Leadership Skills For The 4th Industrial Revolution”. <https://www.forbes.com/sites/bernardmarr/2019/05/13/15-essential-leadership-skills-during-the-4th-industrial-revolution/#6dcafeaa3a01>
- 38.Forbes. Jun Wu. February 26, 2020. “Future Of Work: We Can’t All Become Coders”. <https://www.forbes.com/sites/cognitiveworld/2020/02/26/future-of-work-we-cant-all-becomecoders/#4952537fcb8f>
- 39.Deloitte. Paul Wellener, Heather Ashton Manolian, Ben Dollar, Luke Monck, Aijaz Hussain. October 1, 2018. “The future of work in manufacturing: What will jobs look like in the digital era?”. <https://www2.deloitte.com/us/en/insights/industry/manufacturing/future-of-work-manufacturing-jobs-in-digital-era.html?id=us:2pm:3ad:ospfy20:eng:greendot:em:fow:cn:fowmanu:1x1:fd:041520:1080428644#>
- 40.Daily Maverick. Tshilidzi Marwala. February, 7, 2020. “The Chinese government has been quick to deploy artificial intelligence and robots in its fight against the rapidly spreading coronavirus epidemic. There are lessons here as we reimagine our future in the age of the Fourth Industrial Revolution.” <https://www.dailymaverick.co.za/opinionista/2020-02-07-mathematics-beauty-poetry-and-the-fourth-industrial-revolution/>
- 41.Fast Company. Pierre Vanderghenst, Isabelle Vonèche Cardia—Aeon. March 9, 2020. “To thrive in the future, you need to embrace the concept of lifelong learning.” <https://www.fastcompany.com/90473678/to-thrive-in-the-future-you-need-embrace-the-concept-of-lifelong-learning>

Student & ECE Trends

ASME is doing well with students and not so well with ECEs

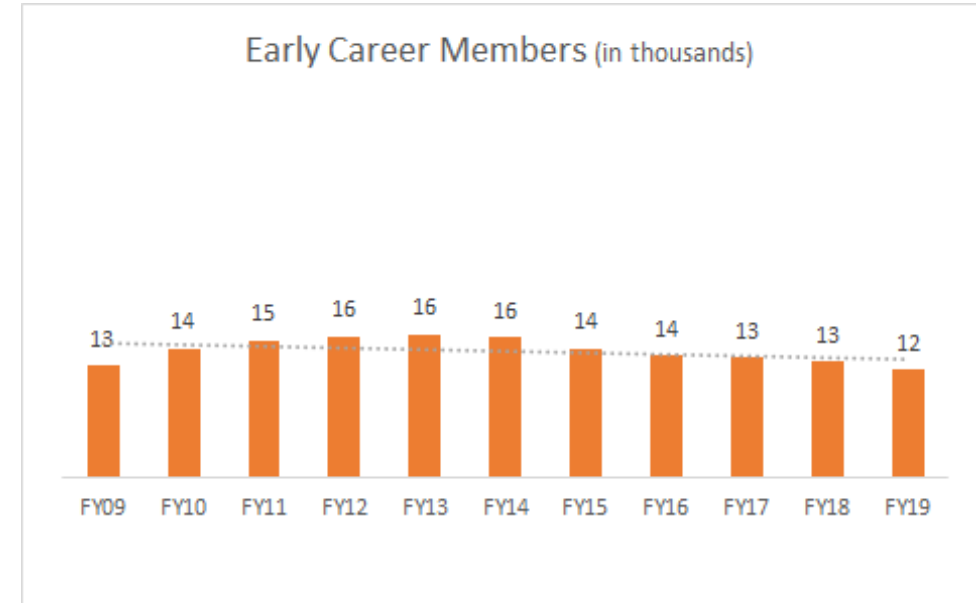
STUDENTS



Student Observations

- Student membership has averaged over 20,000 for the past 10 years
- Investments in E-Fest/EFx, Connect and Student Sections will drive these numbers even higher
- **Our challenge is not with the attraction of students but with their retention upon graduation**

ECE's



ECE Observations

- Since FY15, the Student to Professional Membership conversion ratio has remained below 30%
- ECEs are not finding enough value in ASME membership to convert at higher rates
- A paradigm shift in the Student to ECE conversion ratio will paradigm shift long term outcomes for ASME membership

Non-Linear Career Pathways

The future of engineering work will require many pivots for many reasons

"The Oil & Gas, Mining & Metals, Energy Utilities & Technology industries are more likely to look to industry associations to support their workforce transition."
--- Future of Jobs 2018 – Reports-World Economic Form

Opportunistic Choices

While many engineers are aspirational in college, the pressure of rising debt forces them to be opportunistic for their first job and it may not align to long-term ambitions.

Technological Disruption

Many industries and professions will be disrupted by technical evolutions such as additive manufacturing and artificial intelligence, closing old doors and opening new pathways.

Personal Disruption

Many career choices are anchored in personal constraints such as geographic requirements to support family.

1

2

3

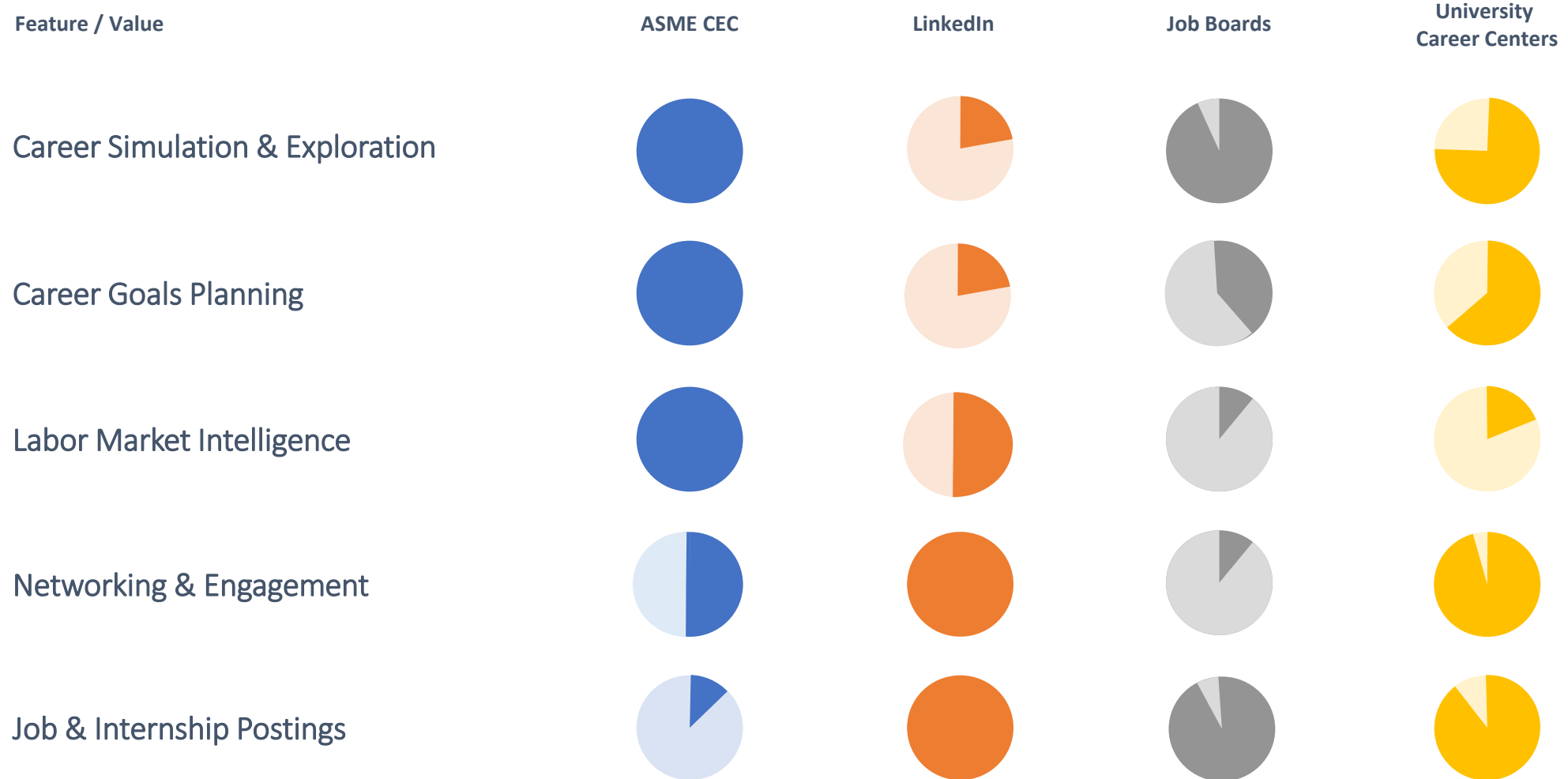
4

Self-Discovery & Exploration

Being in the workforce affords early career engineers the opportunity to re-evaluate their ambitions and evaluate the balance between market needs and personal interests.

Competitive Landscape

The CEC provides a different value proposition from its primary competition



Testimonials



*Samantha Sanders: "What would be helpful for me is a tool that I can use to help me with **career planning**."*



*Carlos Beatty Jr.: "A platform where early career professionals can reach **experienced professionals** would be highly valuable."*



*Brandon Graham: "Providing me with a **navigator to build skills** required for different opportunities would add value to my ASME membership."*



*Kushi Sell: "I would like to make an impact by contributing to a **digital tool** that is accessible to all early career professionals."*



*Maya Reslan: "Tools that can provide **market analytics** would definitely make my life easier while searching for jobs."*

Our Vision

Conceptual Design for the Career Engagement Center

Where are the jobs?

Job Market Intelligence driven through mining jobs data via job posting databases. Enables users to understand where the jobs are so they can increase their odds of landing the right one.

Welcome back, Chanda! | Profile | Notifications (8) [View Your Dashboard](#)

ECE BRAND IDENTITY

JOB MARKET INTELLIGENCE CAREER ROADMAPS NETWORK & ENGAGEMENT

Job Market Intelligence

Roll over States in the map below to view total job openings. To view general job opening locations, please zoom into the map. For more detailed Job Market Intelligence, please start an advanced search by clicking on the 3-bar icon below, or choose from your Saved Searches.

[Advanced Search](#) [View Saved Searches](#)

Nevada
Total Job Openings
4,578
[Advanced Search](#)

Job Market Intelligence

Roll over States in the map below to view total job openings. To view general job opening locations, please zoom into the map. For more detailed Job Market Intelligence, please start an advanced search by clicking on the 3-bar icon below, or choose from your Saved Searches.

[Advanced Search](#) [View Saved Searches](#)

Company
NORTHROP GRUMMAN
Suspensse aliquet gravida massa, feugiat libero sodales vitae integer accumsan gravida metus.

Technical Vertical

Cost of Living to Average Salary

Job Forecasts

Year	Forecast
2020	High
2019	Medium-High
2018	Medium
2017	Low-Medium

Integer accumsan gravida metus sed pharetra vestibulum sit amet volutpat. Suspensse aliquet gravida massa, feugiat libero sodales vitae.

Career Roadmaps in this Area

Oakland, CA
Company: Northrop Grumman
[View Information](#)

● REMOVE SIMILAR MATCHES ● REMOVE FORECASTED MATCHES

Zoom In Zoom Out

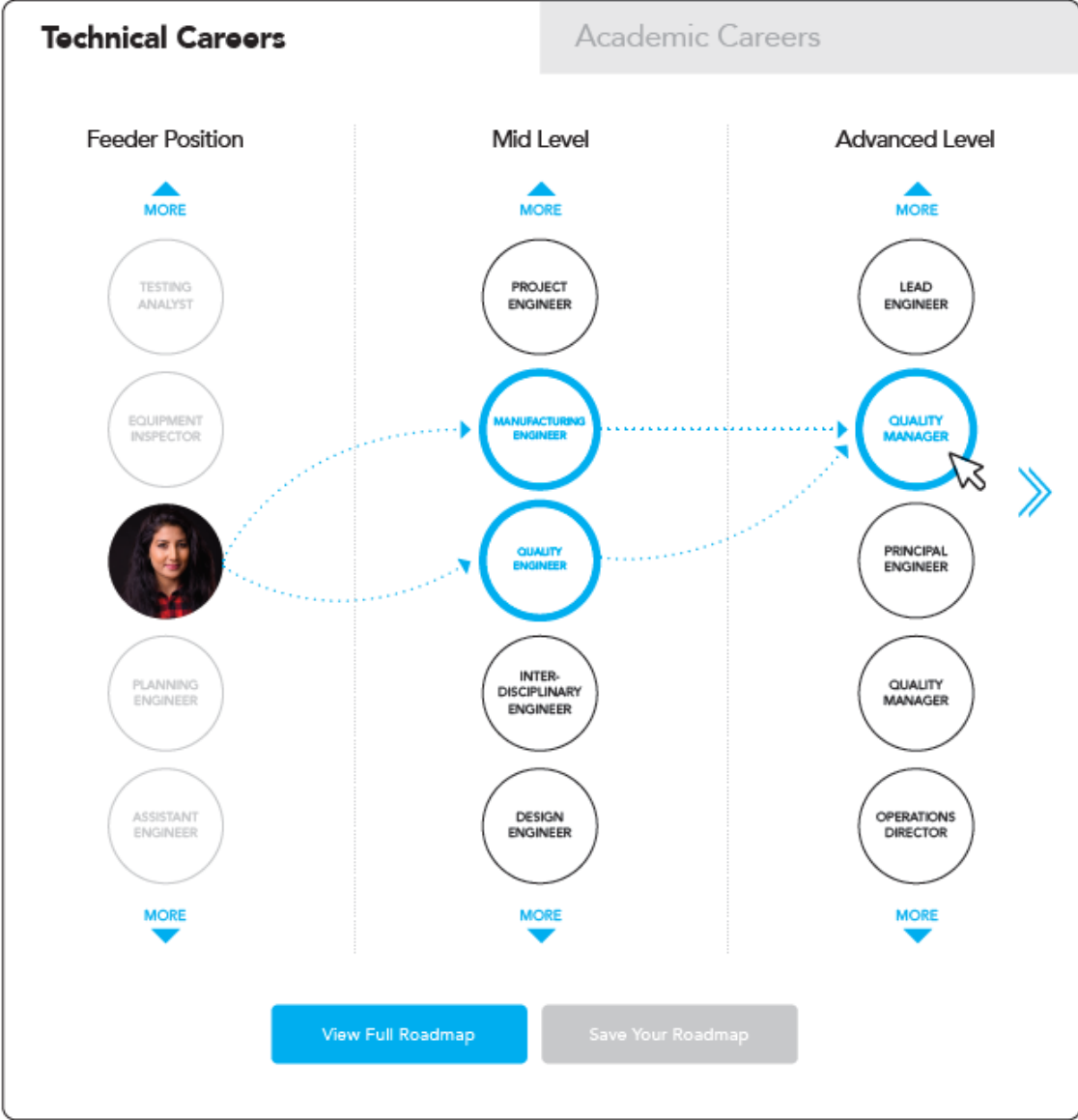
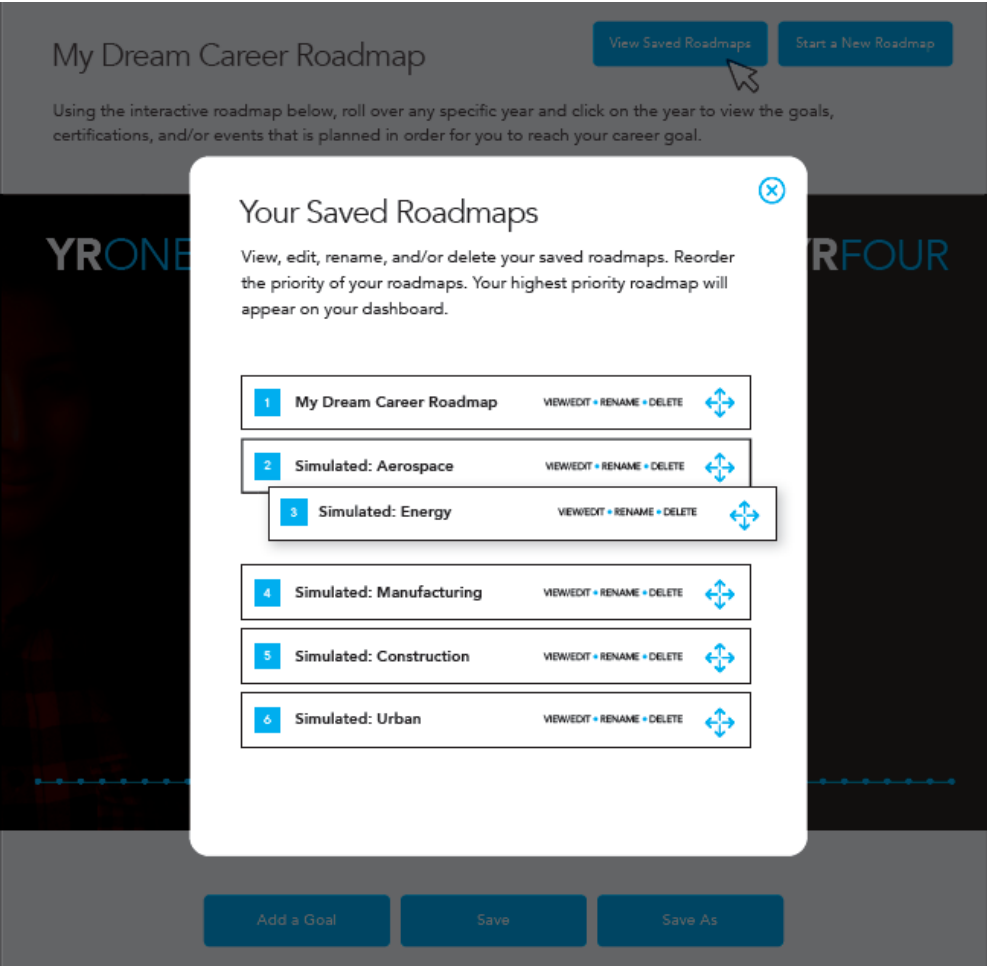
Long-Term Career Planning

A Dynamic Goals Platform that exists outside of the context of the employer. Enables the exploration of skills, advanced degrees, certifications, and career pivots. Planning for long-term goals.

The screenshot displays a user interface for 'My Dream Career Roadmap'. At the top, there are two buttons: 'View Saved Roadmaps' and 'Start a New Roadmap'. Below these, a text box explains: 'Using the interactive roadmap below, roll over any specific year and click on the year to view the goals, certifications, and/or events that is planned in order for you to reach your career goal.' The main area features a horizontal timeline with four columns labeled 'YRONE', 'YRTWO', 'YRTHREE', and 'YRFOUR'. The 'YRTWO' column is currently selected, showing a goal for 'MAY 17, 2020' titled 'Certification of Geometric Dimensioning and Tolerancing Professionals (ASME Certification)'. The goal description states: 'This Standard establishes certification requirements for a Geometric Dimensioning and Tolerancing Professional (GDTP). Certification will be based upon the current edition of the Y14.5 Dimensioning and Tolerancing Standard, its appendices, and the application of its principles and concepts. (GD&T)'. A 'Goal Completed' button is visible below the goal text. At the bottom of the timeline, there are three buttons: 'Add a Goal', 'Save', and 'Save As'. Below the buttons is a call-to-action box with a chess knight icon and the text: 'Need Some Career Advice? Connect with an experienced, senior member who can offer you advice on your career goals.' A right-pointing arrow is also present in this box.

Simulate Pathways

Career Simulator enables exploration of how the career path would change if some skills, goals and qualifications were changed.



Networking & Engagement

Connections enables the users to identify the sections, divisions, and advisors who can help them achieve their career goals.

Connect with a Senior Member

The senior members below matched your search criteria. Please make a contact senior members by their preferred communication channel(s).

Name	Location	Area(s) of Expertise	Connect By	Profile
Michelle Park	New York, NY	Landscape		
Saeed Pothineni	New York, NY	Transport		
Vinita Sharan	Long Island, NY	Waste Water		
Shubham Sinha	Hoboken, NJ	Renewable Energy		
Pradeep Cheriyan	Edgewater, NJ	Transport		
Aditi Gupta	Staten Island, NY	Noise Abatement		
Ananth Nayak	Queens, NY	Renewable Energy		

Your Roadmap:
 Location:
 Interests:
 Communication Type:

Networking & Engagement

View the event list, or select dates through the calendar, to find networking events that interest you. Engage and get advice from senior members through preferred communication channels, or schedule a face-to-face at a networking event. Freemium members can only view networking events, and not schedule meetings with senior members. Upgrade your member account to [Premium Membership](#).

Event Keyword Search

APRIL
28
TUESDAY

2020 ENGINEERING AWARDS GALA
Join ACEC for the 2020 Engineering...

BOSTON FUTUREME SOCIAL MEETUP
A networking event connecting...

MAY
06
MONDAY

IMPROVE YOUR MANAGEMENT SKILLS
Topics include: building a strong...

Connect with a Senior Member

Help us connect you with the right senior member. Please select what the connection is based on:

Your Account Profile

Your Roadmap: Location:

Interests: Communication Type:

Ask Questions. Find Answers.

Ask a question for senior members to answer, or search for Q&A threads.

Timeline for the CEC

It will take the CEC several years to get to scale. Once at scale we will leverage an agile model to ensure that the CEC stays tuned to market forces.



Research & Planning

Review ASME and external research on the ECE space. Develop a plan that is sustainable and scalable for ASME.

Fundraising & Feedback

Gather more feedback around the plan while also developing the fundraising support to complete the build.

Build and Launch

Develop and launch an initial build, collect market feedback and continue to develop features and the research that feeds into the platform.

Learn and Grow

Continuous learning model based on end user and market feedback. Scale up program to help tens of thousands of engineers globally.



ASME Career Engagement Center

Although the Forces of Change could submerge the career path of an early career engineer, the ASME Career Engagement Center empowers ECEs to navigate and ride the waves with confidence.





Board of Governors Meeting Agenda Item Cover Memo

Date Submitted:	May 31, 2020
BOG Meeting Date:	June 15, 2020
To:	Board of Governors
From:	Richard Laudenat
Presented by:	Richard Laudenat
Agenda Title:	Board Selects Chair/President

Agenda Item Executive Summary:

Comments from Board of Governors, CPP and SVPs have been incorporated in the final document. Board concurrence is requested prior to Governance Document Reviews.

Proposed motion for BOG Action:

Attachment(s): PowerPoint

Comments from May 19, 2020 Board of Governors Meeting Incorporated

Key Principles Regarding ASME Board of Governor Self Selection of Chair

1. **OVERVIEW** - In order to facilitate becoming a high-performing board, the current Board of Governors (“the Board”) feels it is imperative that the members of the Board in any given year be charged with appointing their Chair/President from amongst its membership. The ASME Nominating Committee will still be responsible for vetting and recommending Governors to the Board.

Note – this Proposal is written on the basis of the Chair/President being the same person, but future Boards could choose to separate the roles and responsibilities of the Chair/President if they believed the situation warranted it.

2. **MEMBERSHIP** – The ASME Board of Governors will consist of 11 members:
 - Nine (9) Members-at-Large
 - Chair/President
 - Executive Director, in a non-voting ex officio capacity
3. **GOVERNOR NOMINATION PROCESS** – The ASME Nominating Committee (NC) will annually select enough candidates to fill three board positions as Governors Elect. The Board, at its discretion, may select its own candidate to fill **one** of the three spots, but must notify the NC no later than the 2nd Business Meeting (normally in November) of the prior fiscal year in order to set expectations for the NC. In that scenario, the NC would be responsible for filling the two remaining spots.
4. **BOARD TERM** – each Governor will serve a regular 3-year Board term. The terms will remain staggered so that no more than three (3) new Governors are required in any given year.
5. **CHAIR/PRESIDENT** – The Chair/President has all the normally prescribed powers and duties of this position, such as setting the agenda and chairing Board meetings, overseeing the Board Committees such as DISC, etc.
6. **CHAIR/PRESIDENT SELECTION** – the Board nominates candidates for Chair/President for a 1-year term from the sitting 3rd year Governors. A 3rd year Governor must indicate their interest in running for Chair/President by the 2nd Business Meeting (normally in November). A vote is held at the last Board meeting of the fiscal year (normally in early June), and the Chair/President is elected by a 2/3 majority vote of the Board. The selected new Chair/President becomes effective immediately.

Note – the ASME Membership only ratifies Governor appointments, not the Chair/President. Governor-Elects will continue to be ratified by the ASME Membership via ballot and confirmed at the 2nd Business Meeting of the fiscal year (normally in November).

7. **CHAIR/PRESIDENT TERM** – the Chair/President serves a 1-year term. The Chair/President would be permitted to serve a second 1-year term in that office but must stand for re-election by the Board against any 3rd year Governors interested in running for the position. Again, the Chair/President is elected by a 2/3 vote. If multiple 3rd year Governors are running and a 2/3 vote is not achieved, then the candidate with the lowest vote count would drop out and a new vote taken. If not elected for a second 1-year term, the current Chair/President would exit the Board and be replaced immediately by the newly elected Chair/President.
8. **NO CHAIR/PRESIDENT CANDIDATE WITHIN BOARD** - Only sitting 3rd year Governors who exhibit the leadership skills required of the Chair/President will be eligible to be selected as Chair/President in this process. If none of the sitting 3rd year Governors chooses to run for the Chair/President position, the Board is empowered to select a Chair/President from a larger pool of candidates such as consenting past Board members or consenting past Senior Vice Presidents. A Board Nominating Committee (BNC) will screen and recommend such candidates to the full Board. The eligibility of these candidates will be based on the calendar year of their final term plus three years to ensure they remain current in Board issues. If a desired candidate cannot be found within the groups previously described, the BNC may expand the candidate pool to other individuals who exhibit the desired leadership skills. Any Chair/President so selected would serve a 1-year term on the Board solely by virtue of holding the office of Chair/President. They would also be eligible to serve a second 1-year term as Chair/President as described in Section 7.
9. **EXECUTIVE COMMITTEE** – the Executive Committee is composed of the Chair/President, the immediate Past President, the Executive Director (without vote) and one 3rd year Governor. The Board will select the 3rd year Governor by simple majority vote, after considering any recommendations from the BNC. Should a Chair/President be elected to serve a 2nd term, they will continue to serve on the Executive Committee, as will the immediate Past President if willing to do so. If the immediate Past President is unwilling to serve another year, this position may be filled with another 3rd year Governor, again selected by the Board by simple majority vote, after considering any recommendations from the BNC.
10. **IMMEDIATE PAST PRESIDENT** – when a Chair/President term ends, that person becomes the immediate Past President. The immediate Past President is a member of the Executive Committee and an Ex Officio Member of the Board of Governors.

Guiding Principles for ASME Board of Governor Self Selection of Chair/President

Richard Laudenat

June 15, 2020



What to Expect from Presentation

- **Brief Description** – Final Round of Comments have been reviewed and are presented to the Board for concurrence
- **Desired Outcome** – This discussion is for information only before Governance Document Reviews Begin
- **Questions** – This is an open discussion
- **Duration** – The discussion will be for 15 minutes

ASME Board of Governors
Agenda Item
Cover Memo

Date Submitted: May 28, 2020
BOG Meeting Date: June 15, 2020
To: Board of Governors
From: Committee on Honors (COH)
Presented by: Yildiz Bayazitoglu

Agenda Title: Approved Society Awards Listing

Agenda Item Executive Summary: *(Do not exceed the space provided)*

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

Attached for information is the listing of the COH approved awards for 2020.

Proposed motion for BOG Action:

None

Attachment: Yes

RECIPIENTS OF ASME HONORS - 2020

ADAPTIVE STRUCTURES AND MATERIAL SYSTEMS AWARD

<p><u>Professor Wei-Hsin Liao</u> The Chinese University of Hong Kong Department of Mechanical and Automation Engineering Shatin NT Hong Kong</p>	<p>For outstanding contributions to the field of adaptive structures and material systems through research, education and technology transfer; and through the publication of more than 200 technical papers and numerous patents</p>
---	---

BERGLES-ROHSENOW YOUNG INVESTIGATOR AWARD IN HEAT TRANSFER

<p><u>Amy M. Marconnet</u>, Ph.D., Member Purdue University Department of Mechanical Engineering 585 Purdue Mall Room 2151 West Lafayette, IN 47907</p>	<p>For the development of a creative, interdisciplinary approach to evaluate, understand and control the physical mechanisms governing the thermal transport properties of materials, machines and systems</p>
---	--

PER BRUEL GOLD MEDAL FOR NOISE CONTROL AND ACOUSTICS

<p><u>J. Stuart Bolton</u>, Ph.D. Purdue University School of Mechanical Engineering 585 Purdue Mall W Lafayette, IN 47907-2088</p>	<p>For seminal and far-reaching contributions to the field of acoustics and noise control engineering through research, education, service to the technical community and industrial engagement</p>
---	---

EDWIN F. CHURCH MEDAL

<p><u>Nael Barakat</u>, Ph.D., Fellow The University of Texas at Tyler Department of Mechanical Engineering College of Engineering 3900 University Boulevard Tyler, TX 75799-6600</p>	<p>For outstanding dedication and influential contributions to mechanical engineering education through an emphasis on the societal impact and human dimensions of mechanical engineering as a profession; and for inspiring numerous engineers, nationally and globally, through volunteer service including speeches, writings, and mentoring and outreach</p>
---	--

DANIEL C. DRUCKER MEDAL

<p><u>Glaucio H. Paulino</u>, Ph.D., Fellow Georgia Institute of Technology 5142B Jesse W. Mason Building 790 Atlantic Drive NW Atlanta, GA 30332</p>	<p>For pioneering contributions to the field of mechanics, particularly advances in geometric mechanics associated with origami and tensegrity engineering that led to the creation of multifunctional structures and configurational metamaterials with unprecedented properties</p>
---	---

THOMAS A. EDISON PATENT AWARD

<p><u>Shorya Awtar</u>, Ph.D., Fellow University of Michigan 1630 GGB George G. Brown Laboratory 2350 Hayward Street Ann Arbor, MI 48109</p>	<p>For translating university lab research into a patented invention and commercialized medical product that is making minimally invasive surgery more affordable and accessible for patients around the world</p>
--	--

WILLIAM T. ENNOR MANUFACTURING TECHNOLOGY AWARD

<p><u>Ahmed A. Busnaina</u>, Ph.D., Fellow Northeastern University 467 Egan Research Center 360 Huntington Avenue Boston, MA 02115</p>	<p>For the development of a scalable directed assembly-based nanoscale technology to print bio and chemical sensors, power electronics and light emitting diodes using inorganic or organic materials on flexible or rigid substrates</p>
--	---

NANCY DELOYE FITZROY AND ROLAND V. FITZROY MEDAL

<p><u>John Rogers</u>, Ph.D., Member Northwestern University Departments of Mechanical Engineering Materials Science and Engineering and Biomedical Engineering 2145 Sheridan Road, Tech Building Evanston, IL 60208</p>	<p>For pioneering research on engineering concepts for biocompatible classes of microsystems technologies; and for the development of unique device platforms for practical use in areas including clinical medicine, physical rehabilitation and sports/fitness, and exploratory neuroscience</p>
--	--

FLUIDS ENGINEERING AWARD

<p><u>Howard A. Stone</u>, Ph.D., Member Princeton University Department of Mechanical and Aerospace Engineering D326 EQuad 1 Olden Street Princeton, NJ 08544-5263</p>	<p>For leadership and innovative contributions to fluid mechanics research and education including theory, modeling and experiments that impact microfluidics and complex fluids research; and problem identification and solutions that are relevant to industrial applications</p>
---	--

Y.C. FUNG EARLY CAREER AWARD

<p><u>Matthew B. Fisher</u>, Ph.D., Member University of Pittsburgh 712 Blue Thorn Drive Apex, NC 27539 (home)</p>	<p>For leadership in musculoskeletal bioengineering and translational mechanobiology to improve human health</p>
--	--

RICHARD J. GOLDSTEIN ENERGY LECTURE AWARD

<p><u>James Truchard</u>, Ph.D. Co-Founder, and CEO President Emeritus National Instruments Truchard Investments LLC 3801 N. Capital of Texas Highway Suite E-100 Austin, TX 7874</p>	<p>For exceptional entrepreneurship in revolutionizing engineering measurements and scientific data acquisition that have been instrumental in seminal breakthroughs in energy technologies ranging from the Large Hadron Collider and small-particle physics to large-scale energy harvesting and usage systems</p>
---	--

MELVIN R. GREEN CODES AND STANDARDS MEDAL

<p><u>Urey R. Miller</u>, P.E., Fellow URM Consulting, PLLC 3020 Aztec Canyon Drive Spring, TX 77386-2939 (home)</p>	<p>For extraordinary leadership and tireless efforts in the technical advancement of ASME codes and standards for pressure equipment; for the implementation of effective organizational and process enhancements; and for advancing the acceptance of ASME Codes, Standards and Conformity Assessment programs worldwide</p>
--	---

HEAT TRANSFER MEMORIAL AWARD

SCIENCE

<p><u>Terrence W. Simon</u>, Ph.D., Fellow University of Minnesota Department of Mechanical Engineering 111 Church Street, S.E. Minneapolis, MN 55455</p>	<p>For widely acclaimed seminal studies on turbulent flow in transitioning boundary layers and pressure gradients; and for excellence in experimental technique</p>
---	---

ART

<p><u>Bahgat Sammak</u>, Ph.D., Fellow Binghamton University Mechanical and Materials Engineering Dept. P.O. Box 6000 Binghamton, NY 13902</p>	<p>For contributions to innovations in green data centers, particularly as director of the Center for Energy-Smart Electronic Systems, a National Science Foundation industry–university cooperative research center; and for contributions to flexible electronics and electronics packaging, particularly as director of the Small Scale Systems Integration and Packaging Center at Binghamton University in New York</p>
--	--

GENERAL

<p><u>Vishwanath Prasad</u>, Ph.D., Fellow University of North Texas Department of Mechanical Engineering 3940 North Elm Street, F101Q Denton, TX 76207-7102</p>	<p>For exceptional contributions to the heat transfer community and ASME’s Heat Transfer Division as chair of technical committees, organizer and chair of national and international conferences, and editor/associate editor of proceedings, journals and book series; and for outstanding leadership in international collaborations</p>
--	---

MAYO D. HERSEY AWARD

<p><u>Bharat Bhushan</u>, Ph.D., Fellow The Ohio State University Department of Mechanical and Aerospace Engineering W390 Scott Lab; West 19th Avenue Columbus, OH 43210</p>	<p>For more than four decades of outstanding contributions to the advancement of tribology as a prolific author and internationally recognized expert at the micro-to-nano scales; and as a pioneer of the tribology of magnetic storage devices, whose influence has extended to the interdisciplinary areas of biological and materials science</p>
--	---

PATRICK J. HIGGINS MEDAL

<p><u>Mark C. Malburg</u>, Ph.D. 2024 Iroquois Trail Columbus IN 47203</p>	<p>For exceptional leadership and dedicated participation in standards development; and for ongoing innovations in the field of surface and dimensional metrology</p>
--	---

HOLLEY MEDAL

<p><u>Yogesh Jaluria</u>, Ph.D., Fellow Rutgers University Department of Mechanical and Aerospace Engineering 98 Brett Road Piscataway, NJ 08854</p>	<p>For pioneering achievements in fiber drawing and coating for both traditional and specialty fibers that resulted in the development of high quality fibers at reduced costs to meet the needs of emerging application areas</p>
--	--

SOICHIRO HONDA MEDAL

<p><u>Asad M. Madni</u>, Ph.D., Fellow University of California Los Angeles Department of Electrical and Computer Engineering 3281 Woodbine Street Los Angeles, CA 90064 (home)</p>	<p>For outstanding leadership in engineering innovations, particularly the development and commercialization of sensors and systems including the revolutionary microelectromechanical systems GyroChip® technology for electronic stability control and rollover prevention in passenger vehicles, which has saved countless lives worldwide</p>
--	---

INTERNAL COMBUSTION ENGINE AWARD

<p><u>André L. Boehman</u>, Ph.D., P.E., Fellow University of Michigan Department of Mechanical Engineering 1231 Beal Avenue 2045 W.E. Lay Auto Laboratory Ann Arbor, MI 48109-2133</p>	<p>For pioneering work on the combustion and emissions impacts of alternative fuels in diesel engines, particularly on NOx emissions, advanced combustion processes, and soot nanostructure and oxidation</p>
---	---

WARNER T. KOITER MEDAL

<p><u>Anthony M. Waas</u>, Ph.D., Fellow University of Michigan Aerospace Engineering Department 1320 Beal Avenue Ann Arbor, MI 48109-2140</p>	<p>For outstanding contributions to the mechanics of composite materials, particularly analytical work, experiments and predictive modeling of compressive response and failure of composite structures; and for the development of computational tools for progressive damage and failure analysis of composite structures</p>
--	---

ROBERT E. KOSKI MEDAL

<p><u>Professor Shinichi Yokota</u> Tokyo Institute of Technology Advance Mechanical Systems Control 2 Chome-12-1 Ookayama Meguro City Tokyo 152-8550, Japan</p>	<p>For outstanding contributions as a renowned professor and expert in the field of fluid power; for ongoing efforts in the areas of micro actuators, micro sensors, and fluid-driven micro systems and components; and for the publication of nearly 400 research papers that have garnered more than 1,400 citations</p>
--	--

ALLAN KRAUS THERMAL MANAGEMENT MEDAL

<p><u>Michael J. Ellsworth Jr.</u>, P.E., Fellow IBM Corp 5 Scott Lane Lagrangeville, NY 12540-5714 (home)</p>	<p>For outstanding contributions in the field of electronics thermal management, from chip to system to data centers, particularly liquid and refrigeration cooling; and for innovations that have resulted in nearly 300 filed patents</p>
---	---

FRANK KREITH ENERGY AWARD

<p><u>Petros Sofronis</u>, Ph.D., Fellow University of Illinois at Urbana-Champaign Department of Mechanical Science and Engineering 2128 Mechanical Engineering Laboratory 105 S Mathews Avenue Urbana, IL 61801</p>	<p>For catalyzing international academic and industrial research collaborations on underlying renewable energy technologies; and for significant contributions to the advancement of understanding and mitigating materials degradation in gaseous hydrogen environments such as pipeline steels</p>
---	--

BERNARD F. LANGER NUCLEAR CODES AND STANDARDS AWARD

<p><u>Annemarie Appleton</u>, Member Vice President Alloy Stainless Products Co. Inc. 611 Union Boulevard Totowa, NJ 07512-2402</p>	<p>For nearly 30 years of dedicated service on numerous ASME committees including holding concurrent chair positions and significantly contributing in new areas of Boiler and Pressure Vessel Code</p>
---	---

GUSTUS L. LARSON MEMORIAL AWARD

<p><u>Yuri Bazilevs</u>, Ph.D., Member Brown University School of Engineering 184 Hope Street Providence, RI 02912</p>	<p>For outstanding achievements in mechanical engineering within 10 to 20 years following graduation</p>
--	--

H.R. LISSNER MEDAL

<p><u>Larry A. Taber</u>, Ph.D., Fellow Washington University in St. Louis 8 Holiday Lane St. Louis, MO 63131 (home)</p>	<p>For seminal work that has enabled a new understanding of the mechanics of growth and development, particularly for rigorous models, based on nonlinear elasticity and mechanical feedback and supported by clear experiments, that explain how the embryonic heart and brain take shape</p>
---	--

MACHINE DESIGN AWARD

<p><u>Jian S. Dai</u>, Ph.D. Kings College-University of London Department of Mechanical Engineering Strand, London WC2R 2LS United Kingdom</p>	<p>For pioneering contributions in establishing the field of reconfigurable mechanisms and the subfield of metamorphic mechanisms; and for making a lasting impact through research, application, teaching and service that have made it possible to bridge the gap between versatile but expensive robots and efficient but nonflexible machines</p>
---	---

CHARLES T. MAIN STUDENT LEADERSHIP AWARD

GOLD

<p><u>Jad Hakim</u>, Member Tanios Hakim bld, Mazraat Yachouh, El Metn Lebanon</p>	<p>For outstanding service as treasurer and president of the ASME Student Section at Notre Dame University–Louaize in Lebanon, as student leader for the 2019 engineering festival Efx, and as current student regional vice chair of the Society’s Middle East and Africa region</p>
--	---

SILVER

<p><u>Adam Hernandez-Miranda</u>, Member San Antonio 620 Poniente Colonia San Gonzalo 36740 Salamanca, Mexico</p>	<p>For outstanding service and leadership in the ASME Student Section at the University of Guanajuato in Mexico that has resulted in new or enhanced programs, which have had a significant impact on fellow students and the community</p>
---	---

MCDONALD MENTORING AWARD

<p><u>Eduardo Jose Barrientos</u>, Ph.D., Engineering Associate ExxonMobile Research & Engineering Company 1545 Route 22 East Annandale, NJ 08801</p>	<p>For outstanding contributions as an active member of ASME for over 15 years including serving in more than 20 leadership positions; and for the unwavering mentoring of young engineers and others globally, both within and outside ASME</p>
---	--

M. EUGENE MERCHANT MANUFACTURING MEDAL OF ASME/SME

<p><u>Krishnamoorthy S. Subramanian</u>, Ph.D., Fellow President STIMS Institute Inc. 5925 Hillview Avenue San Jose, CA 95123-2506</p>	<p>For the development and implementation of a microscopic interactions model for grinding processes that led to substantial improvements in productivity and efficiency, and to new products, novel grinding processes and new businesses; and for significant contributions to education and training including the establishment of Grinding Technology Centers across the globe</p>
--	---

VAN C. MOW MEDAL

<p><u>Stavros Thomopolous</u>, Ph.D., Fellow Columbia University 460 Riverside Drive Apartment #22 New York, NY 10027 (home)</p>	<p>For outstanding research that has defined the mechanical mechanisms for effective tendon-to-bone attachment and the developmental biology program that builds this structure, which has the potential to transform attachment approaches to improve tendon-to-bone healing</p>
---	---

NADAI MEDAL

<p><u>Frank W. Zok</u>, Ph.D. University of California at Santa Barbara Department of Materials Engineering 1361C Engineering II Santa Barbara, CA 93106-5050</p>	<p>For advancing the understanding of the design and performance of structural materials, including ceramic and metal composites as well as lattice materials, through the development of novel test protocols, theoretical and computational models, and combined experimental/modeling studies</p>
---	--

SIA NEMAT-NASSER EARLY CAREER AWARD

<p><u>Baoxing Xu</u>, Ph.D., Member University of Virginia Department of Mechanical & Aerospace Engineering 122 Engineer's Way P.O. Box 400746 Charlottesville, VA 22904</p>	<p>For the development of multiphysics interface mechanics for creative applications in the novel design and assembly of heterogeneous structures, film electronics and soft-hard integrated materials</p>
--	--

BURT L. NEWKIRK AWARD

<p><u>Sung-Hwa Jeung</u>, Ph.D., Member Senior Mechanical Engineer 9540 De Soto Avenue Chatsworth, CA 91311</p>	<p>For outstanding contributions in the design, modeling and analysis of lubricated bearing systems and rotordynamics for complex machinery; and for effective leadership in collaborations with world-class teams to produce innovative turbomachinery technology</p>
---	--

RUFUS OLDENBURGER MEDAL

<p><u>Mark W. Spong</u>, Ph.D. University of Texas at Dallas Department of Systems Engineering 800 W. Campbell Road Richardson, TX 75080</p>	<p>For fundamental contributions to the foundations for the control of robots and teleoperators; and for contributions to robotics education which have influenced several generations of students</p>
--	--

OLD GUARD EARLY CAREER AWARD

Winner

<p><u>Simon Pun</u>, Member Divergent 3D 671 W 17th Street Costa Mesa, CA 92627 (home)</p>	<p>For outstanding leadership on an ASME project to help engineering students and young professionals navigate their careers through an online, digital platform; for previously leading the Community Building Team and supporting the IAM3D competition for the Society's Student and Early Career Development sector; for using knowledge of additive manufacturing to support the B46 Committee; and for educational and professional accomplishments</p>
---	---

Runner-Up

<p><u>Harsheel Panchasara</u>, Member 3190 Randolph Avenue Windsor Ontario N9E3E6 Canada</p>	<p>For eight years of service to ASME including leadership roles in the local section; for inspiring early career engineers and students to participate in the Society and succeed in life; and for continuing to grow professionally while mentoring other engineers</p>
--	---

OUTSTANDING STUDENT SECTION ADVISOR AWARD

<p><u>Jason Ash</u>, Ph.D., Member South Dakota School of Mines & Technology Mechanical Engineering Department 501 East Saint Joseph Street Rapid City, SD 57701</p>	<p>For 18 years of outstanding service as ASME Student Section advisor at the South Dakota School of Mines & Technology; for a decade of service on the Society's Student Section Enterprise Committee including five years as chair; and for mentoring countless students at SD Mines while supporting ASME students across the globe</p>
--	--

PERFORMANCE TEST CODES MEDAL

<p><u>William Wood</u>, P.E., Member 12305 Eastfield Road Huntersville, NC 28078-6617</p>	<p>For outstanding leadership and contributions to performance test codes, particularly testing programs for overall power plant performance; and for exceptional influence in the areas of combined cycle plants and flue gas desulfurization</p>
---	--

MARSHALL B. PETERSON AWARD

<p><u>Zhou Chen</u>, Ph.D. Technion-Israel Institute of Technology Department of Mechanical Engineering Haifa 32000 Israel</p>	<p>For research achievements that lay a solid foundation for the optimization of coating design; and for contributions to the tribology community including a number of first-authored journal papers</p>
--	---

PI TAU SIGMA GOLD MEDAL

<p><u>David Kwabi</u>, Ph.D., Member University of Michigan Mechanical Engineering Department 2350 Hayward Street Ann Arbor, MI 48109</p>	<p>For outstanding achievement in mechanical engineering within 10 years of graduation</p>
---	--

JAMES HARRY POTTER GOLD MEDAL

<p><u>Nagamangala K. Anand</u>, Ph.D. Fellow Texas A&M University Mechanical Engineering Department 3126 TAMU College Station, TX 77840-3126</p>	<p>For outstanding contributions as a teacher of thermodynamics and related topics, and as a researcher who has advanced the state-of-the-art design of alternate refrigerant condensers, cooling strategies for electronic packages and aerosol transport lines</p>
--	--

DIXY LEE RAY AWARD

<p><u>Edward S. Rubin</u>, Ph.D., Fellow Carnegie-Mellon University Department of Environmental Engineering and Science 5000 Forbes Avenue Pittsburgh, PA 15213</p>	<p>For pioneering research on the environmental design of fossil-fueled power plants and carbon capture technologies; for seminal contributions to understanding drivers of environmental technology innovation; and for visionary leadership in environmental education and policy, which has led to improved decision-making and cleaner, more cost-effective environmental technologies</p>
---	--

CHARLES RUSS RICHARDS MEMORIAL AWARD

<p><u>Katepalli R. Sreenivasan</u>, Ph.D., Fellow New York University Department of Mechanical Engineering 370 Jay Street, #1230 Brooklyn, NY 11201</p>	<p>For outstanding achievement in mechanical engineering for 20 years or more following graduation</p>
---	--

RALPH COATS ROE MEDAL

<p><u>William S. Hammack</u>, Ph.D. University of Illinois at Urbana-Champaign Department of Chemical and Biomolecular Engineering Box C-3 600 S. Mathews Avenue Urbana, IL 61801</p>	<p>For the pioneering use of new media to present engineering as a creative profession essential to our modern world, particularly for internet-delivered videos that highlight how engineers think, how they use science, and the role of manufacturing in design</p>
---	--

ROBERT M. NEREM EDUCATION AND MENTORSHIP MEDAL

<p><u>Dawn Elliott</u>, Ph.D., Fellow University of Delaware 108 Cavender Lane Laudenberg, PA 19350 (home)</p>	<p>For exemplary mentorship within the academic community; for excellence in engineering education including founding a new department and promoting diversity; and for leadership in ASME and other professional societies</p>
---	---

SAFETY CODES AND STANDARDS MEDAL

<p><u>Barry Blackaby</u> Managing Director B. Blackaby and Associates LLC 22 Old Mill Court Simsbury, CT 06070</p>	<p>For dedicated service in improving safety standards within A17 products, particularly leadership in the development of the Guide for Elevator Seismic Design and revisions to elevator seismic requirements within A17.1–Safety Code for Elevators and Escalators</p>
--	--

R. TOM SAWYER AWARD

<p><u>Sunao Aoki</u>, Ph.D., Fellow Mitsubishi Heavy Industries, Inc. 23-5 Kamimachi Araicho Takasago City Hyogo Prefecture Japan (home)</p>	<p>For strategic technical leadership of a major gas turbine manufacturer including providing creative engineering solutions to gas turbine engine development, driving excellence in product development, building turbomachinery research capability, and enhancing open innovation throughout the organization</p>
---	---

MILTON C. SHAW MANUFACTURING RESEARCH MEDAL

<p><u>Jian Cao</u>, Ph.D., Fellow Northwestern University Department Mechanical Engineering 2145 Sheridan Road Evanston, IL 60208</p>	<p>For technical contributions and leadership in advancing manufacturing processes through a combination of novel experimental characterization methods of material behavior, rigorous analytical and simulation models of manufacturing processes, and the seamless integration of the theory of mechanics with advanced technologies</p>
---	--

BEN C. SPARKS MEDAL

<p><u>Michael M. Umbriac</u>, Member University of Michigan 813 Edgewood Place Ann Arbor, MI 48103 (home)</p> <p><u>Jesse Austin-Breneman</u>, Ph.D., Member University of Michigan Department of Mechanical Engineering, 1338 George G. Brown Laboratory 2350 Hayward Ann Arbor, MI 48109-2125</p> <p><u>Daniel R. Cooper</u>, Ph.D. University of Michigan Department of Mechanical Engineering 1231 Beal Avenue Ann Arbor, MI 48109-2125</p> <p><u>Panos Y. Papalambros</u>, Ph.D., P.E., Member University of Michigan Department of Mechanical Engineering, 2350 Hayward Sreet Ann Arbor, MI 48109-2125</p>	<p>For pioneering and sustained innovation in undergraduate education through an introductory course on design and manufacturing that exposes students to the design–analyze–build–test cycle of mechanical systems</p>
---	---

RUTH AND JOEL SPIRA OUTSTANDING DESIGN EDUCATOR AWARD

<p><u>Jonathan Cagan</u>, Ph.D., Fellow Carnegie Mellon University Department of Mechanical Engineering 5000 Forbes Avenue Pittsburgh, PA 15213-3890</p>	<p>For innovative vision and the successful integration of engineering with design, business and entrepreneurship in educational programs, which has transformed the way universities across the country teach product development and paved the way for replicable educational success in the 21st century</p>
--	---

SPIRIT OF ST. LOUIS MEDAL

<p><u>Buzz Aldrin</u>, Ph.D. Retired Commandant of the US Air Force 5350 Wilshire Boulevard Los Angeles, CA 90036</p>	<p>For pioneering technical contributions to space exploration through the development of docking and rendezvous techniques for spacecraft in earth and lunar orbit; and for distinguished service as a NASA astronaut and key member of the Gemini 12 and Apollo 11 programs</p>
---	---

J. HALL TAYLOR MEDAL

<p><u>Donald R. Frikken</u>, Fellow Consultant Becht Engineering Co. 5155 Highway 50 St. Louis Office Gerald, MO 63037-1730</p>	<p>For extraordinary leadership and professionalism in consensus building and in the global recognition of ASME codes and standards for pressure equipment; and for dedication to the integrity of the Society's codes and standards development process</p>
---	--

ROBERT HENRY THURSTON LECTURE AWARD

<p><u>Andrew Alleyne</u>, Ph.D., Fellow University of Illinois-Urbana-Champaign Mechanical Science & Engineering Department M/C 244 1206 West Green Street Urbana, IL 61801-2906</p>	<p>For the innovative application of systems and controls tools to meet a broad array of societal needs including energy and power systems, manufacturing systems and transportation systems</p>
--	--

TIMOSHENKO MEDAL

<p><u>Mary C. Boyce</u>, Ph.D., P.E., Fellow Columbia University School of Engineering and Applied Science 500 W. 120th Street #510 New York, NY 10027</p>	<p>For foundational achievements on the large strain nonlinear deformation of elastomers, thermoplastic polymers and polymeric composites; and for the development of rich mathematical mechanics descriptions of material response that reveal the material physics and mechanisms</p>
--	---

GEORGE WESTINGHOUSE GOLD MEDAL

GOLD

<p><u>Darrell Pepper</u>, Ph.D., Fellow University of Nevada Las Vegas Department of Mechanical Engineering 4505 Maryland Parkway Las Vegas, NV 89154-4027</p>	<p>For exemplary achievements in the areas of power associated with wind energy, advanced engine combustion modeling, energy savings and advanced computational methods</p>
--	---

SILVER

<p><u>Sibendu Som</u>, Ph.D., Member Manager Argonne National Laboratory 9700 S. Cass Avenue Argonne, IL 60439</p>	<p>For pioneering the implementation of machine learning tools and high performance computing techniques, and developing predictive submodels for high-fidelity simulations of power and propulsion systems, which are routinely used by industry to dramatically reduce product design time</p>
--	--

SAVIO L-Y. WOO TRANSLATIONAL BIOMECHANICS MEDAL

<u>Mehmet Toner</u> , Fellow Massachusetts General Hospital 36 Pier 7 Charlestown, MA 02129 (home)	For collaborative research that has resulted in the education and professional development of numerous students and colleagues, and the translation of various bioengineering breakthroughs to clinical use and the commercial marketplace
--	--

HENRY R. WORTHINGTON MEDAL

<u>Ryoichi S. Amano</u> , Ph.D., Fellow University of Wisconsin-Milwaukee 111 West Mount Royal Road Glendale, WI 5317 (home)	For seminal and lasting contributions to research and education for the design and development of small pumps and compressors with a focus on enhancing the efficiency and performance of a range of industrial turbomachinery
--	--

S.Y. ZAMRIK PRESSURE VESSEL AND PIPING MEDAL

<u>David L. Rudland</u> , Ph.D., Fellow U.S. Nuclear Regulatory Commission 4803 Clarendon Drive Frederick, MD 21703 (home)	For outstanding contributions as a research investigator and project leader, and a prolific writer of high-quality technical publications; for efforts in bringing together industry and the regulatory community to develop state-of-the-art techniques for probabilistic fracture mechanics for the nuclear power industry; and for dedicated service to ASME's Pressure Vessels and Piping Division
--	--

LITERATURE AWARDS

BLACKALL MACHINE TOOL & GAGE AWARD

<p><u>ChaBum Lee</u>, Ph.D. Texas A&M University Department of Mechanical Engineering 3123 TAMU College Station, TX 77845</p>	<p>For the paper titled "Precision Cutting Tool Wear Monitoring Method by Knife-Edge Diffraction Interferometry"</p>
---	--

FREEMAN SCHOLAR AWARD

<p><u>Alfredo Soldati</u>, Ph.D. Institute of Fluid Mechanics & Heat Transfer TU Wien Getreidemarkt 9 1060, Wien, Austria</p>	<p>For the paper titled "Particle-Laden Flows in Environmental and Industrial Applications"</p>
---	---

GAS TURBINE AWARD

<p><u>Bogdan C. Cernat</u>, Ph.D., Member von Karman Institute for Fluid Dynamics Turbomachinery and Propulsion Department Chaussée de Waterloo 72 Rhode Saint Genèse 1640 Belgium</p> <p><u>Marek Pátý</u> CTU Technical University in Prague Stredova 438 25245 Zvolf Czech Republic</p> <p><u>Cis De Maesschalck</u>, Ph.D. Rolls-Royce Plc Derby 16 Melton Court Apartments Ashbourne Road DE22 3BF Derby United Kingdom (home)</p> <p><u>Sergio Lavagnoli</u>, Member von Karman Institute for Fluid Dynamics Chaussee de Waterloo 72 Rhode-Saint-Genese Belgium</p>	<p>For the paper titled "Experimental and Numerical Investigation of Optimized Blade Tip Shapes – Part I: Turbine Rainbow Rotor Testing and CFD Methods; and Part II: Tip Flow Analysis and Loss Mechanisms"</p>
--	--

EDWARD F. OBERT AWARD

<p><u>Henry A. Long III</u>, Ph.D. Member Senior Engineer KeyLogic Systems, Inc. Clairton, PA 15025</p> <p><u>Ting Wang</u>, Ph.D., Fellow University of New Orleans Energy Conversion/Conservation Center 932 Engineering Building New Orleans, LA 70148</p>	<p>For the paper titled "Performance of an Integrated Mild/Partial Gasification Combined (IMPGC) Cycle With Carbon Capture in Comparison With Other Power Systems"</p>
---	--

WORCESTER REED WARNER MEDAL

<p><u>Marco Amabili</u>, Ph.D., Fellow McGill University Department of Mechanical Engineering 817 Sherbrooke Street West Montreal, Quebec Canada H3A 0C3</p>	<p>For the book titled “Nonlinear Vibrations and Stability of Shells and Plates,” which presented state-of-the-art research and is an established reference for researchers working in the field”</p>
--	---

**ASME Board of Governors
Agenda Item
Cover Memo**

Date Submitted: May 15, 2020
BOG Meeting Date: June 15, 2020

To: Board of Governors
From: Committee of Past Presidents
Presented by: Leila Persaud, Manager Honors & Fellows
Agenda Title: CY 2019 Fellows Listing

Agenda Item Executive Summary: *(Do not exceed the space provided)*

Attached for information is the listing of ASME Fellows elected in CY 2019.

Proposed motion for BOG Action: *(if appropriate)*
None

Attachment: Yes

2019 ASME Fellows

Timothy Adams
Ashfaq Adnan
Arezoo Ardekani
Nasser Ashgriz
Gabriel Aurioles
James Baish
Sebastian Bawab
Aimy Bazylak
Michael Benson
Sarah Bergbreiter
Georges Bezdikian
Andre Boehman
Sandra Boetcher
Douglas Bohl
Matthew Campbell
Robert Carpick
Dumitru Caruntu
Marco Castaldi
Tirupathi Chandrupatla
Qing Chang
Ching-Yao Chen
Ruey-Hung Chen
Mohammed Daqaq
Alexandre Da Silva
Shimin Deng
Christopher Depcik
Raffaella De Vita
Pingsha Dong
Kiran D'Souza
Eric Ducharme
Sandip Dutta
Tarek Echehki
Thomas Engle
Segen Estefen
Shahrokh Etemad
Arnold Feldman
John Hallquist
Dayong Gao
Joseph Iaquinto
Madhusudan Iyengar
Ronald Joslin
Martin Jun

Kieran Kavanagh
Richard Klopp
Michael Kokkolaras
Xianwen Kong
Jeong-Hoi Koo
Ng Yin Kwee
Zayd Leseman
Hua Li
Paris Von Lockette
Lonnie Love
Jeffery Lovett
Y. Charles Lu
Tengfei Luo
Yuefeng Luo
Stephen Lynch
Reid McNally
Sinisa Mesarovic
Ivana Milanovic
Satish Nair
Sreekant Narumanchi
George Nnanna
Assad Oberai
Gregory Odegard
Jared Oehring
Yuichi Oishi
Burak Ozdoganlar
Glaucio Paulino
Thomas Perry
Brian Pettinato
Michael Pischke
Maurizio Porfiri
Timothy Quinn
Bart Raeymaekers
Bret Rankin
Sharan Ramaswamy
P.V.M. Rao
Bryan Rasmussen

Albert Ratner
Gregory Reich
Shadrach Roundy
Eric Ruggiero
Reza Sadr
Jean Francois Saint Marcoux
Gary Seidel
Itaru Saito
Frederic Sansoz
Abdus Samad
Dimitrios Saravanos
Carolyn Seepersad
Taehyun Shim
Lloyd Smith
Michael Steinzig
Peter Stephan
Kannan Subramanian
Chii-Der Suh
John Swezy
David Tuttle
Zhiting Tian
Carl Tilmann
Paul Veers
Qiuwang Wang
Daniel Williams
John Wright
Ruqiang Yan
Eui-Hyeok Yang
Yingchun Yuan
Ning Zhang
Yongjie Zhang
Qiang Zhang
Hong Zhou

**ASME Board of Governors
Agenda Item
Cover Memo**

Date Submitted: June 1, 2020
BOG Meeting Date: June 15, 2020

To: Board of Governors
From: Various Units/Sectors
Agenda Title: Unit/Committee Reports to the Board

Agenda Item Executive Summary:

Attached are the following reports to the Board, highlighting the top three accomplishments, challenges, and other information:

- Auxiliary Report
- Committee of Past President's (CPP)
- Committee on Honors (COH)
- VOLT Academy
- Diversity and Inclusion Strategy Committee (DISC)
- Industry Advisory Board (IAB)
- Philanthropy Committee
- Committee on Organization and Rules (COR)
- Technology and Engineering Committee (TEC)
- Member Development and Engagement (MDE)
- Student and Early Career Development (SECD)
- Public Affairs and Outreach Sector (PA&O)
- Council on Standards and Certification (S&C)

Proposed motion for BOG Action: For information only.

Attachments: Reports attached.

Report to the Board
Auxiliary
November 2019 – June 2020

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 (1-3):

1. The Auxiliary has awarded \$108,000.00 for the FY 20 to be paid out in FY 21, see breakdown below.
2. In August 2019, the Auxiliary received a \$61,5000 donation to the Rothermel Scholarship. It received an additional \$9,905 in other donations.
3. The Auxiliary has awarded \$34,000 in loans for the FY 2020.

Challenges:

The Auxiliary has a difficult time engaging younger members to join their group and read scholarship applications.

Other information:

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

All scholarships are \$3,000 except for the Clarke Scholarship at \$5,000.

8 Undergraduate Scholarships	\$ 24,000
4 Rothermel Scholarships	\$ 12,000
2 Parsons Scholarships	\$ 6,000
2 Rice Cullimore Scholarships(international)	\$ 6,000
12 Lucy and Charles W.E. Clarke Scholarship (graduating High School Students on a FIRST team)	<u>\$ 60,000</u>
	\$108,000

The Auxiliary, in conjunction with the ASME Scholarship Committee, continues to follow all regulated scholarship guidelines and continues to strive for diversity as they award their scholarships.

Report to the Board
Committee of Past Presidents
November 2019 – June 2020

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 (1-3):

1. All appointments within ASME that require a representative from the CPP have been filled. See chart below.
2. To prevent “Black Balling”, any Fellow application that is deemed unqualified must have a reason why it is unqualified, and the whole committee will review and discuss the application. A 2/3 approval vote of the FRC is then needed to approve the application. This eliminates the possibility of a blackball situation.
3. The Fellows Review Committee identified the lack of women being nominated for this honor and the lack of women writing recommendation letters. The CPP was asked to help identify more women to be part of the Fellows process. Since November, there has been a slight increase, but more work should be done in this area.

Challenges:

None

Other information:

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

The CPP will be re-evaluating the need for an Outside Awards Committee. At this time, ASME has several of their own awards that the organization should focus on for potential nominees. We will report back to the Board in November.

	<i>CPP Officers</i>		<i>NC Advisors</i>	<i>Outside Awards</i>		<i>Ethics Committee</i>		<i>Fellows Review</i>	
July 2019 - 2020	Bob Sims Madiha Kotb Keith Roe	Chair Vice Chair Secretary	Charla Wise Keith Roe Vickie Rockwell	K. Keith Roe Charla Wise	Chair Vice Chair	Robert Simmons Sue Skemp	Chair Vice Chair	Victoria Rockwe Marc Goldsmith Madiha Kotb Robert Simmons Bob Sims	Chair Advisor
July 2020-2021	Bob Sims Keith Roe Charla Wise	Chair Vice Chair Secretary	Per invitation** Per invitation** Per invitation**	Charla Wise Said Jahanmir	Chair Vice Chair	Sue Skemp (1) (3yr) Charla Wise	Chair Vice Chair	Marc Goldsmith Madiha Kotb Bob Sims Victoria Rockwe Sam Zamrik	Chair Advisor

Report to the Board
Committee on Honors
November 2019 – June 2020

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 (1-3):

1. Diversity.

The Committee on Honors promoted ASME's goal of leadership development and diversity by establishing the Lakshmi Singh Early Career Leadership Award. The award recognizes early-career women engineers who have demonstrated considerable leadership in, commitment to, and continued service with ASME. Preference is given to international applicants and applicants of racial or ethnic minority descent. The first award will be given in 2020.

Honors Assembly.

In continuing to promote diversity and the achievements of early career engineers, the committee approved awarding the Pi Tau Sigma Award at this year's Honors Assembly, which is usually reserved for more established engineers.

2. The Committee on Honors Personnel.

The Committee on Honors is committed to balancing the need to provide more leadership opportunities for volunteers while ensuring that members have the necessary expertise and experience to serve on the committee. This year 4 out of 8 committee members were female.

3. Program Effectiveness.

Sixteen Rules of Award were reviewed to ensure award guidelines aligned with those of the award committees. This ongoing activity identifies and addresses areas of concern, as well as provide the Committee on Honors and Special Award Committees the opportunity to evaluate procedures while ensuring the awards remain relevant.

As ASME implements its new organizational strategy and changes, COH recognizes the importance of being agile and responsive to these changes, and is committed to ensuring the Awards Program remains one of ASME's premier recognition programs.

Challenges:

None

Other information:

The Committee on Honors volunteers and staff appreciate the efforts of the ASME Foundation to enhance the ASME Honors and Awards program as part of the ASME Capital Campaign. The team, in turn, is supporting the ASME Foundation staff with the identification of possible donors to the campaign.

Report to the Board
VOLT Academy
November 2019 – June 2020

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 (1-3):

1. Developed and delivered 2-day workshop for the Petroleum Division and South Texas Section on January 31-February 1 called "Communicating and Networking in ASME"
2. Organized 7 sessions for the Group Leadership Development Conference, including 2 on communications, 2 on succession planning, 2 on diversity and inclusion, and one wrap-up discussion.
3. Held orientation for incoming ECLIPSE intern class virtually on April 28. Added new elements, including short video introductions, to facilitate group interaction without a face-to-face meeting.

Challenges:

Moving VOLT programming online is both a challenge and opportunity. We are working to ensure that engagement and interpersonal connections, which are a key element of our programs, can be sustained with virtual events. That said, virtual events do give us the opportunity to reach a wider audience than we typically reach with our face-to-face events. As we move to virtual programming, we are reviewing and refining our focus and audience.

Other information:

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

In the June-July timeframe, VOLT plans to host several virtual trainings and events, including:

- ECLIPSE "Graduation" and Project Presentation for the 2019-2020 intern class
- VOLT Leadership Workshop for volunteers called "Why You Need Resilience and How To Build It"
- Pilot of VOLT Online Orientation to ASME and Its Volunteer Community for volunteers at all levels
- New Chair Orientation and Training

Report to the Board
Diversity and Inclusion Strategy Committee
November 2019 – June 2020

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 (1-3):

1. DISC met on January 13 and March 24. This year the committee has been focused on implementation of the new diversity and inclusion positioning statements and code of conduct, as well as developing a diversity and inclusion strategy related to ASME's volunteer leadership.
2. Dr. Amy Betz of Kansas State University delivered a D&I-related presentation at the Group Leadership Development Conference (GLDC) entitled, "Exploring Your Engineering Identity."
3. Dr. Sriram Sundararajan of the DISC Committee delivered "An Inclusive Approach to Nominating ASME's Leaders" training to the Nominating Committee on April 8.

Challenges:

Since we are not meeting in person, we are working to ensure that engagement and interpersonal connections lead to continued focus on diversity and inclusion at ASME.

Other information:

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

- DISC will hold its next meeting on June 3.

Report to the Board
Industry Advisory Board
November 2019 – June 2020

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 (1-3):

1. On April 14, the ASME Industry Advisory Board (IAB) held its first virtual spring meeting and continued its discussion of digital transformation, which has been the theme of the board's recent meetings. The meeting featured a presentation by IAB member, Curt Lefebvre, the founder and CEO of the artificial intelligence company, nDimensional. GE Renewable Energy originally planned to host the IAB's spring meeting at its manufacturing facility in Pensacola, Florida.
2. The IAB has recently added the following companies to its roster: Altair, International Association of Oil and Gas Producers, KCF Technologies, and Tomahawk Robotics.
3. IAB members are part of the ASME Foundation campaign outreach effort.

Challenges:

1. With not being able to meet in person, the IAB virtual meetings are shorter with more limited time for discussion. We plan to use breakout rooms and other ideas to facilitate more discussion between IAB members.

Other information:

2. The IAB Chair and Program Chair are working with staff on a potential summer virtual meeting. Date and topic are still in discussion.

Report to the Board
Philanthropy Committee
November 2019 – June 2020

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 Accomplishment: Began to transform ASME's business model for Philanthropy and the Foundation so there will be a substantial increase in funds raised to support our programs, an important milestone for the long-term sustainability of the Society's mission:

1. **Made additional, substantial headway with putting the "infrastructure" needed to successfully conduct Capital Campaign in place**
 - Finalized several key elements of collateral material: "Case for Support," new Foundation website, Planned Giving informational deck, videos demonstrating impact of INSPIRE, K-12 STEM Readiness program, scholarships, early career engineer initiatives, and ISHOW, etc.
 - Worked to implement relevant governance changes with Foundation Board and formation of Philanthropy Committee, which will reach full membership before end of FY20
 - Largely completed hiring of key members of staff (added Director, Major Gifts to team of three professionals on 3/30/20; on track to hire Donor Relations Specialist by end of FY20)
 - Began to use Salesforce, new data management system, to track activity with existing and prospective donors
 - Updating key documents and guidelines (Gift Agreements, Donor Recognition Guidelines, etc.)
2. **Initiated Awareness Campaign among Volunteers and members re IMPACT of ASME's Philanthropic Initiatives**
 - Held "Philanthropic Impact" event for 270 key Volunteer and staff leaders during IMECE
 - Launched Foundation newsletter
 - Began series of presentations/briefings to Segment, Division, Section leaders
 - Developing multi-year communications plan
3. **Started Fundraising Outreach with ASME leadership re individual gifts and IAB members re donations from their companies; Launching "Quiet Phase" of Capital Campaign**
 - Formulating broad campaign plan and timeline for reaching \$50 million, 5-year fundraising goal
 - Conducted extensive training with members of Philanthropy Committee, Foundation Board and key staff to enhance understanding of / increase comfort with the gift solicitation process
 - Received BOG approval to launch capital campaign -- with "Quiet Phase" focused on ASME community, both companies and individuals; outreach to volunteer and staff leadership underway
 - Did individual video conference meetings with 2/3 of IAB members to develop plans to engage their companies, with strong initial response. Following up re: next steps

Challenges

1. Slower than anticipated start to our work on the Capital Campaign, due to **lengthy search process for key staff, especially Director, Major Gifts, which took nine months because of high demand for qualified candidates**
2. The need to nurture the "culture of philanthropy" at ASME while launching Capital Campaign. The **lack of awareness of ASME's philanthropic programs and their impact represents unique challenges**, and enormous potential to broaden the awareness of the important work of the ASME Foundation, establish credibility, and garner support. Because ASME has done little pro-active fundraising for almost two decades, **must also build more awareness of our philanthropic programs' impact among stakeholders not closely involved in ASME but whose interests align with our goals, in order to broaden donor base beyond engineering community**
3. The need to respond to the immediate circumstances and impacts brought about by the **COVID-19 pandemic, which necessitate quick pivots in strategy and approach; uncertainty it infuses into fundraising landscape**

Report to the Board
Committee on Organization and Rules
November 2019 – June 2020

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 (1-4):

1. COR reviewed proposed changes to 17 By-Laws and recommended changes that the Board of Governors adopted. It approved 14 new By-Laws that the Board of Governors approved.
2. COR reviewed proposed changes to fourteen Society Policies and recommended changes that the Board of Governors adopted.
3. The Committee reviewed 29 appointments or reappointments and made recommendations that the Board of Governors approved. COR continued to strictly enforce the examination process of appointments and re-appointments to make sure they followed Society Policies.
4. COR approved a new Operation Guide for the Member Development and Engagement Sector and approved changes to two Operation Guides. The Committee performed the required annual review of the Nominating Committee Manual.

Challenges:

As ASME continues to evolve, the importance of being agile to make necessary changes to its governance documents quickly and efficiently is important. COR is responsive to these needs and brings a corporate history and continuity to the process. Society units must keep in mind, however, that the Committee must do a thorough review of the changes the units propose because they may have implications for other units that the proposing unit may not be aware of.

Other information:

Fred Stong and Julie Kulik completed their terms on the Committee. Leila Aboharb and Nael Barakat are their replacements. Wes Rowley will be the Chair for 2020-21 and Emily Boyd will be Vice Chair.

Report to the Board
TEC Segments and Divisions
November 2019 – June 2020

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 (1-3):

Segments

1. Succession planning – recruited candidates for next FY
2. Submitted candidates for the Nominating Committee
3. Preparations for implementing TEC funded projects with the Divisions
4. Evaluating impact of COVID-19 on segment activities

Divisions

1. Succession planning – recruited candidates for next FY
2. Participated in GLDC
3. Contingency planning – moving conferences from in-person to virtual due to COVID-19

Challenges:

Segments

1. Monitoring TEC projects in light of COVID 19
2. TEC reorganization – fielding questions regarding next steps

Divisions

1. Aero – discussion regarding splitting into two separate divisions
2. For those Divisions with 100-year celebrations, making alternate plans to move the celebration to a 2021 in-person event

Other information:

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

DMM:

- Conducted a successful division workshop and strategic planning session at GLDC
- Two SLT members participate in and report to DMM on the activities of the Board of Standards and Testing Task Group on Additive Manufacturing. It's a cross sector team and they've decided to develop a portal of all thing ASME additive manufacturing.

ECS:

- Creating an Energy Storage Technical Committee to work on SME growth and expand ASME portfolio

GTS:

- Determining the value of forming a new executive committee on Production and Maintenance Engineering

Many Divisions are in the midst of finalizing and awarding the winners of various division and society level awards.

**Member Development and Engagement Sector (MDE)
ASME Section and Student Section Support
November 2019 – June 2020**

Highlights:

- The BOG approved the By-Law Amendments activating the MDE Sector and sunsetting the Group Engagement Committee. Additionally, the two members-at-large were approved with a term expiring on June 30, 2020.
- The MDE Council selected and the BOG approved the new SVP for the MDE Sector with a term from July 2020 – June 2023.
- The MDE Council approved the Sector Operating Guide and forwarded it to the COR for review and approval.
- The MDE Council and Staff support have conducted Monthly Coordination Teleconference Meetings to review and approve activities and to prepare for implementation for the coming year. The Council amended its Goals for the upcoming year.
- The MDE Regional Teams have conducted monthly teleconferences for Section Leaders in the 5 North American Regions and 4 International Regions. Leaders were provided with an orientation for the coming year, updates on staffing and support, tools and resources, key events/milestones and what to expect for 2021. Developing local programs and activities consistent with the ASME strategy and emerging technologies, cross sector collaboration and Professional Section engagement with Student Sections were identified as priority for the coming year.
- The MDE Council approved the revised Society Policy 5.3.1 Formation of Sections. The policy was forwarded to the COR for review prior to forwarding to the BOG for approval.
- The MDE Council approved the proposed changes to the Student Section Enterprise Committee (SSEC) which serves as the representative for ASME student members, ME Departments and ASME about relevant programs.
- The GEC Council is accepting applications for the Chair, North American Regions Committee, Member Development Coordinator and two Members-at-Large.
- The GLDC was conducted from Feb. 29 – Mar. 1, 2020 in a suburb of Las Vegas, NV. The goals of the Conference were to engage volunteer leadership, introduce new programs and activities and review administrative requirements for new officers. Professional Sections, Technical Divisions and Student Section Advisors partnered in individual sessions. The overall result was very positive, with a record number of first-time attendees.
- The Director, Section Support, hired three new staff members to assist in coordinating activities of the MDE Regions. Staff support were assigned specific Regions as a point of contact and attend the Regional teleconferences.
- A campaign continued among staff and regional leaders to encourage all active members to update their preferences in the system and to expand Section presence on ASME.org. The Volunteer Leadership Directory (VLD) was updated to include Regions, MDE by section and security parameters for messaging.
- Staff initiated a new process for receiving an updated volunteer agreement form, annual plan and activity reporting.

Upcoming Activities

- The MDE Team and Staff support will continue the outreach to Professional and Student Sections through Virtual Meetings, training opportunities and eventually face to face meetings. The focus of the coming year will be on revitalization and engagement.
- The MDE Eclipse Intern is developing on-line training programs for Professional and Student sections based on a final need's assessment.
- Staff and the MDE Communications Coordinator will continue to focus on assisting Sections to communicate in a meaningful way by encouraging members to op-in to the GMEC system (40 % op-out). Multiple communication platforms for volunteer leadership has created confusion and some disinterest.

Report to the Board

Student and Early Career Development (SECD) - Sector Update

November 2019 – June 2020

Top Key Accomplishments (1-3):

1. **E-Fest Asia Pacific- India 2020:** The 2020 E-Fest Asia Pacific was held at Marwadi University in the state of Gujarat, in India and completed on March 1st, 2020. It achieved the highest in-person attendance for an E-Fest to date with more than 1,600 attendees from across all of India.
2. **E-Fest Digital – April 25th, 2020:** E-Fest Digital was a concept that was created on March 12, 2020 and delivered on April 25, 2020 to fill the void left by the cancellation of the two in-person US E-Fest events in 2020 due to the Covid-19 pandemic. Leading up to the event, there were 1,775 unique registrations on the E-Fest Digital website representing 47 countries and over 300 different universities. E-Fest Digital is a starting point for a broader digital strategy for Student and Early Career engagement that SECD will be working through.
3. **Career Engagement Center Project (CEC):** The CEC is a concept for a digital platform for ASME members to explore engineering career pathways, define and track career goals, explore labor markets and gain forward looking insights into career trends. A detailed presentation on the CEC concept will be made to the BoG on June 15th, 2020 and will articulate how this can help ASME re-engage with our Early Career audience in a scalable and financially sustainable manner.

Challenges:

The global Covid-19 pandemic resulted in the cancellation of two in-person E-Fest programs scheduled for April 2020 in the United States. There is also a pause on E-Fest LATAM that would have occurred in August of 2020. We have also paused all planned E-Fest events worldwide. Our current focus is to review the results of E-Fest Digital and develop a more robust digital strategy for SECD.

Other information:

Senior Vice President election with two excellent candidates resulting in Nicole Dyess as the recommended candidate to BoG for the SECD SVP 2021-2024 term.

Nominating Committee delegates from SECD that meet the revised requirements are: Siddharth Jadeja, completing his term through 2021, Jen Jewers Bowlin, delegate for 2020-2022 term; and Carlos Beatty, Jr. as the Alternate this year and then completing his delegate term in 2023.

Members-at-Large (MALs) positions will match the areas identified in 2018 BOG IMECE presentation as SECD strategy for Mission success in areas of: Digital, Content, Community.

SECD will continue to build on the success of Digital E-Fest and pilot several new digital engagement models for the next academic year. Given the uncertainty due to the pandemic, we will also explore hybrid models of our live events when it is safe to resume them.

SECD continues to work across ASME in partnership with other groups. SECD will help create greater awareness of ASME's different offerings and continue to advocate for the needs of our constituents.

Report to the Board

Public Affairs & Outreach (PAO) Sector
November 2019 – June 2020

Top Key Accomplishments (1-3):

- 1. Engineering Education/K-12 STEM:** Pivoted virtually with mechanical engineering education department heads ABET workshop (108 attendees during eight-hour session); held ten ASME INSPIRE middle school classroom visits, primarily supported by the United Engineering Foundation (UEF) grant—“INSPIRE Champions;” hosted three “See What You Can Be” workshops, offering high school girls of color inspiration and real talk from undergraduate students and professionals on their engineering paths—funded in part by a grant from LENOVO and the LENOVO Foundation; ASME 2020 Scholarship activity includes 2,804 open applications (compared to 2,963 in 2019), 100 students receiving 113 scholarships—\$371,500 by ASME Scholarships (increased by \$89.5K) and ASME Auxiliary (decreased by \$22K)
- 2. Engineering for Global Development (EGD):** Pivoted virtually with ISHOW 2020 platform, executing ISHOW India and ISHOW Kenya (153 applications received for three events, including ISHOW USA); completed 2019 class of Engineering for Change (E4C) Fellows; for 2020, considered 193 applicants from 52 countries, selecting 25 Fellows from 15 countries (56 percent female); launched [E4C/Siemens Innovation Challenge](#) with tracks on Zero Hunger and Clean Water; launched monthly E4C webinar series to advance EGD research agenda and connect research with practice
- 3. Government Relations (GR):** Before COVID-19 pandemic, held one congressional briefing focused on bioengineering on Capitol Hill; pivoted virtually with Zoom [congressional briefing focused on Manufacturing USA and COVID-19 response](#) (with over 200 attendees); upcoming virtual town hall events with Members of Congress in June will include Reps. Haley Stevens (MI-11) and Kathleen Rice (NY-04); successfully placed five 2019-2020 ASME Federal Fellows and on-boarded three 2020-2021 ASME Federal Fellows in congressional offices and the executive branch; Committee on GR and PAO Council approved eight Public Policy Position Statements on behalf of ASME

Challenges:

Quickly pivoting to virtual events and losing camaraderie and in-person connections: for the ISHOW platform, this was especially true in Kenya where connectivity and bandwidth are not as reliable as in North America; for all of the virtual events under the PAO umbrella, nonetheless, there were advantages of cost-reduction, audience expansion, and international stakeholder engagement

Other information:

The PAO Council has convened three Zoom meetings focused on artificial intelligence (AI), specifically aimed toward making recommendations to ASME leadership based on challenges and opportunities for ASME in this fast-moving space. With further external speakers slated for June 11, discussions thus far have included the expertise of stakeholders from industry, academia, and public policy/governance—from nDimensional, Northwestern University, and IBM, respectively.

Report to the Board
Council on Standards & Certification
November 2019 – June 2020

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 (1-3):

1. Due to the COVID-19 pandemic, the May 2020 Boiler Code Week (BCW) was held virtually through the use of Zoom. While every face-to-face BCW requires a significant amount of preparation, this Boiler Code Week required specialized Zoom meeting planning and training of both S&C staff and the committee volunteers. S&C Staff, and those who normally participate as part of BCW, stepped in to assist. Allyson Byk and Christian Sanna took the leading role to ensure that every need was planned for, and any technical issues were addressed.
2. The Council has approved the formation of a new Standards Committee on Thermal Medicine (TM) under the Board on Standardization and Testing. It will develop, review and maintain guidelines and standards, for requirements to improve quality of care in thermal medicine applications. This will be a safety related committee. Also, this committee will collaborate with the Bioengineering Division and the Y14 committee on Surface Qualities/Computer Models going forward.
3. The Council approved the Board on Conformity Assessment CAP-23 Policy; Performance of Designated Oversight Activities. This provides that, during the time of a crisis, the use of technology supporting live audio, video, and sharing of documents electronically fulfills the requirement for designated oversight activities to be performed on-site at the facility. The measures to control this activity and the technology to be used shall be found acceptable to the ASME staff, the Authorized Inspection Agency, and the Certificate holder. Acceptance is based on providing reasonable assurances that the activities are performed at a level of equivalency to that of being physically present on site of the facility where activities are performed under an ASME certificate. These activities are subject to ASME surveillance.

Challenges:

The effects/impact of COVID-19 on S&C and on different portions of industry and what ASME can standardize to help Society is a major challenge. This will be discussed at the June 16, 2020 Council meeting.

Other information:

Cross-sector collaboration is occurring with S&C participation in E-Fests and Efxs, S&C sessions at TEC sector conferences and events, with increased interest in participating in standards development efforts by volunteer and staff members of sectors outside of S&C.