

BIOENGINEERING DIVISION NEWS



BIOENGINEERING
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Summer 2026



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Message from the 2025-2026 Chair



Guy Genin
Bioengineering Division
Executive Committee Chair

Dear Bioengineers, Biomechanicists, Biomechanicians, and Biotransportationalists,

Serving as your chair this year has been a true privilege. It was always going to be an unusual year, no matter what came down the pipeline for our friends in the funding agencies. With the 10th World Congress of Biomechanics arriving in Vancouver this July, our SBC±3 conference stepped aside for a cycle. A quieter community might have taken this year off, but our community made like BEDRock and turned it up to 11, and I could not be prouder of what we built in the space that opened up.

The challenge for the year was easy to state and hard to solve: how does a division whose heartbeat is the percussion section of BEDRock stay vibrant in a year without an SBC±3 meeting? Our division met the moment. The Executive Committee worked through options carefully, and I want to thank the whole team for steering us through contingency planning and making some hard calls. We paused the Student Paper Competition for 2026 in light of travel and visa uncertainty, and pointed our students toward the IMECE graduate competition instead. We moved technical committee business online for the year. And we secured approval to present our society medals at a non-ASME meeting so that our awardees could be honored on the world stage in Vancouver.

What I will remember most about this year is that our division met these obstacles with creativity that elevated our presence and impact. Our Student Leadership Committee, led by Jeremy Warren and Alyssa Garrison, committed to virtual events throughout the year: coffee talks, panels, hands-on software and career workshops, including a COMSOL series this spring, as well as a mindfulness session. Our technical committee chairs kept webinars coming as well, with talks from across our community, including



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postdocs and colleagues approaching tenure. Grace O'Connell, with Ethan Kung and Bob Hauck, has organized a webinar federal program officers from several funding agencies for the fall. For a year with no in-person meeting, our calendars stayed remarkably full.

There might have been no SBC±3 this year, but our traditional technical offerings thrived as well. IMECE 2025 in Memphis hosted the BED's Biomedical and Biotechnology track under the leadership of Mohammad Al-Rawi (chair), Amirtahà Taebi, and Pengfei Dong. Our track grew to 118 presentations, up 20% from the year before, and ran a lively graduate student paper competition even as the federal shutdown kept some colleagues from traveling. IMECE heads to Vancouver this November, and the team would welcome both abstracts and reviewers-- please contact the 2026 chair, Amirtahà!

On the publishing front, I am delighted that Richard Debski has agreed to serve as the next Editor-in-Chief of the ASME Journal of Biomechanical Engineering, and I am grateful to Spencer Lake for leading that search. Vicky Nguyen is stepping down as co-editor later this year, so please contact me if you are interested in being considered for Vicky's role. Thank you for your service, Vicky!

Rich and Vicky have informed us that a paper from Spencer Lake's group has won the 2026 Skalak award for the best 2025 paper in JBME. Congratulations, Spencer! This is the last year when the announcement will come from the JBME editors: going forward, a standing committee run by the BED Executive Committee will select the Skalak awardee, rather than an *ad hoc* committee organized by the editors.

Much of our work this year was the kind that does not make headlines but pays dividends. Ethan Kung has been leading the much-needed, still-in-progress overhaul of our website on asme.org, turning into a home for our current events, newsletters, webinar archive, and division history. We worked through a substantial revision of our division's Operating Guide, and began reimagining our membership efforts around a model of inclusive excellence. And we kept up momentum on the Susan Margulies Medal, our newest honor: fundraising is underway, the campaign page is live, and our goal is to complete it this summer so that nominations can open later this year. Ellie Rahbar and Grace O'Connell have been the driving forces here, and I am optimistic that



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we will see this medal awarded at our 2027 meeting.

The highlight of the summer is just ahead. We will honor an extraordinary slate of medalists at the World Congress of Biomechanics, with presentations across two sessions (join me in Rooms 208-209!) On Tuesday afternoon, July 14, we present the Lissner Medal to Michael Sacks, the Nerem Medal to Kris Billiar, and the Grood Medal to the Translational Research Laboratories in Urogynecology. On Wednesday morning, July 15, we present the Fung Medal to Amirhossein Arzani, the Woo Medal to Frank Loth, and the Mow Medal to Alisa Morss Clyne.

Please join us afterward to celebrate them in person at our networking reception at Mahony's Restaurant (and, optionally, Tavern), near the Convention Centre, on Tuesday, July 14 at 6 PM. Bring a colleague, bring a student, and please do RSVP so that we can plan. All are welcome!

There is much to look forward to next year, and much of it is already in motion. Expect more webinars, workshops, and training from our technical committees and student leaders; this virtual programming started as a stopgap but is on track to become a permanent complement to our in-person gatherings. The Margulies Medal will, I am confident, soon take its place among our honors. And planning is well underway for SBC 2027, which returns us to an in-person gathering at a location still to be announced, under the leadership of Keefe Manning and Ellie Rahbar. They are a superb team, and the meeting is in excellent hands. The final day of World Congress marks the inauguration of Craig Goergen as chair of the Executive Committee. The division is fortunate to have him, and I look forward to cheering him on from the past-chair's seat.

Finally, my thanks. To April Tone, our ASME staff representative; to our officers, committee chairs, technical committee leaders, and student leaders; and to every member who joined a webinar, organized a session, reviewed a paper, tuned a BEDRock guitar, or simply kept the conversation going. It has been an honor to serve you.

With gratitude, and with excitement for what's ahead for all of us,

Guy



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ASME SB3C

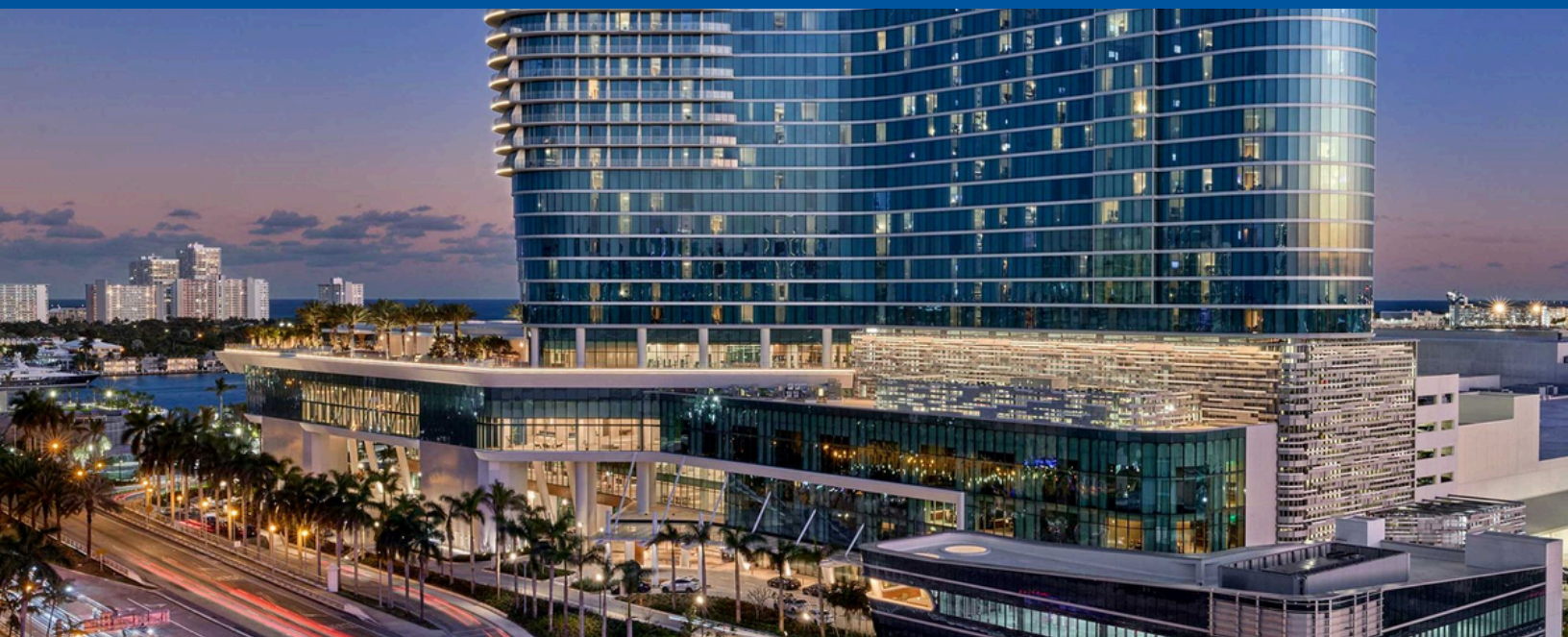
SUMMER BIOENGINEERING CONFERENCE Save the Date for SBC 2027

*The Biomechanics Catalyst: Accelerating Advances in
Engineering, Physiology and Medicine*



CONNECT WITH US

June 27–30, 2027
Omni Hotel,
Fort Lauderdale, FL,
USA





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Division Membership and Communications

[Get Involved](#) > [Sections and Technical Divisions](#) > [Technical Divisions](#)

Technical Divisions

At ASME, members can join one to five Technical Divisions, which are formed around professional and technical interests.

Division membership is free, and you'll be part of a professional community dedicated to what matters to you.

About Technical Divisions

By joining Technical Divisions you are given access to a collaborative community of peers, leadership & volunteer opportunities, career development, numerous student activities, technical/research conferences, and the chance to contribute to the publication of technical journals. Find out more about [Technical Divisions](#).

How to Join the Bioengineering Division

ASME members select their top five Technical Divisions when they join and can update those selections at anytime by going to asme.org and logging into Your Account.

- Log-in to your ASME Account: <https://access.asme.org/account/profile>
- Go to Account Details > Technical Division Interests > First Priority > Select Bioengineering Division > Save

How do I get involved? How do I receive Technical Division emails?

You must set your communication preferences! In the [ASME Preference Center](#), toggle [ASME Volunteer Communications](#) to , then click "Save your preferences"



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Bioengineering Division Committees

Get connected!

The Bioengineering Division has a number of [Committees](#) that provide fantastic programming and opportunities for engagement and networking throughout the year. You can join as many as you'd like!

Technical Committees (TCOMs):

- Biotransport & Bioheat Transfer (BIOT) TCOM
- Design, Devices, & Rehabilitation Research (DDRR) TCOM
- Education TCOM
- Fluid Mechanics TCOM
- Solid Mechanics TCOM
- Tissue & Cellular Engineering (TCE) TCOM

Other Committees:

- Diversity, Equity, & Inclusion Committee
- Industry Committee
- Student Leadership Committee (SLC)
- Women's Networking Group

Biotransport & Bioheat Transfer TCOM

The ASME K-17 Biotransport and Bioheat Transfer (BIOT) committee has been continuing the initiation of matching seminar speakers with seminar hosts in the BIOT group to promote the junior members' research achievements. We organized the abstract and full-paper review and selection for the Annual Conference of ASME Heat Transfer 2026 for the track of



Sihong Wang
Chair, 25-26



Christopher Rylander
Co-Chair, 25-26

Bioheat and Mass Transfer: Biotechnologies. Our annual K-17 committee meeting is planned for the end of July 2026. Two online workshops are planned for Summer and Fall 2026. The workshop topics are junior member (assistant professors and postdoctoral fellows) mentoring and translational research to tech transfer and entrepreneurship by faculty/research labs. We congratulate the following BIOT members for their achievements and promotions: Guillermo Aguilar's election to J.M. Forsyth Chair of Mechanical Engineering at Texas A&M and Senior Member of National Academy of Inventors; Rafael Davalos's Lifetime Achievement Award from American Electrophoresis Society and co-invention (NanoKnife System) featured as one of the Best Inventions by TIME Magazine 2025; Lyle Hood's awards including University Innovator Award and Medical Device Innovation Germinator at University of Texas at San Antonio, completion of NSF I-CORPS program by his team of emergency airway management, and a grant from the Texas Trauma Research Combat Casualty Care Collaborative; Marissa Rylander's promotion to professor at The University of Texas at Austin; Malisa Sarntinoranont's appointment as Associate Dean of Academic Affairs of College of Engineering at University of Florida and becoming Fellow for AIMBE; Zhiquan (Andy) Shu's tenure and promotion to associate professor at University of Washington at Tacoma and his NSF CAREER award; and Sihong Wang's award from the City University of New York Innovation and Entrepreneurship program.

Design, Devices, & Rehabilitation Research TCOM

The Design, Devices, and Rehabilitation Research (DDRR) Committee enjoyed another successful year of programming at the ASME Summer Bioengineering Conference (SB3C) 2025. DDRR organized three well-attended podium sessions, along with an outstanding NSF-funded Undergraduate Student Design Competition. The sessions fostered lively discussions and enthusiastic exchange of ideas among researchers, students, and industry professionals. Major themes included computational and protective devices, mobility biomechanics and rehabilitation, and precision health technologies.



Anita Singh
Chair, 25-26

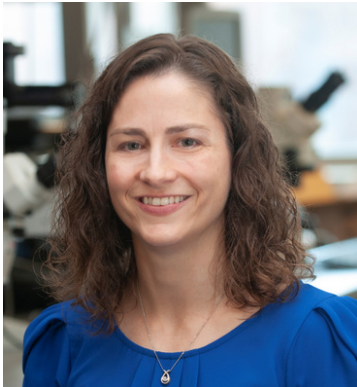
A highlight of the conference was the Senior Undergraduate Design Competition, which was established to promote student innovation, interdisciplinary collaboration, and professional development in biomechanics and bioengineering. Thirteen senior design teams were competitively selected based on technical merit, originality, and relevance to conference themes. The projects showcased innovative medical devices, rehabilitation technologies, and patient-centered healthcare solutions aimed at improving patient outcomes, accessibility, and quality of care.

Awards were presented to the top three teams in recognition of excellence in undergraduate research and design. Beyond the competition itself, participants gained valuable experience presenting technical work, engaging with the broader scientific community, and receiving expert feedback. The event continues to play an important role in workforce development and in preparing the next generation of engineers and researchers.

As DDRR continues to grow, members should be on the lookout for announcements regarding the election of a new Co-Chair. We extend our sincere gratitude to Antonia Zaferiou for her dedicated service as DDRR Co-Chair since 2022. Her leadership and contributions have been instrumental to the committee's success. We look forward to welcoming a new Co-Chair through this year's election process.

If you would like to connect with DDRR, please contact **Chair Anita Singh** and consider joining the committee's LinkedIn group: <https://www.linkedin.com/groups/12986268/>

Education TCOM



Jacqueline Cole
Chair, 25-26



Joanna Dahl
Co-Chair, 25-26



Debanjan Mukherjee
Co-Chair, 25-26

The Education TCOM has several upcoming events to connect and spark more involvement in education research:

Virtual TCOM Meeting

July 27, 2026 at 10:00-11:00 a.m. PDT / 1:00-2:00 p.m. EDT

[Join Zoom Meeting Link](#) (Meeting ID: 963 4336 7289, Passcode: 931225)

Send us Announcements/Good News to share! (use [Doc](#) or email jacquecole@ncsu.edu)

How to Succeed in Education Research: From Getting Starting to Publishing

Virtual workshop in collaboration with the Student Leadership Committee

Date TBD in late August or early September

A panel of experts will provide guidance and share their experiences and tips on how to do various aspects of education research, such as student engagement, transitioning educational activities to education research, dissemination of outcomes, writing papers, etc, followed by an interactive Q&A session.

JBME Special Issue on Education

This special issue of the Journal of Biomechanical Engineering will focus on the state-of-the-art in innovative advancements and community best practices in education in the broad areas of biomechanics, bioengineering, and biomedical sciences that encompass BME programs.

More details to come, along with a Call for Papers and submission instructions!

Fluid Mechanics TCOM

We continue to focus on addressing the collective feedback from members shared during our annual Biofluids Technical Committee (TCOM) meeting at SBC 2025. Several important topics were discussed, including conference programming, member engagement, community growth, and future initiatives to strengthen and expand the biofluids community's impact. Over the past year, the committee

underwent a leadership transition, with Hoda Hatoum joining as the new Biofluids TCOM Vice Chair. We want to thank Alejandro Roldán-Alzate from the University of Wisconsin-Madison for his leadership and service as the Biofluids TCOM Chair/co-Chair over the past 6 years. Thanks, Alejo!



Lucas Timmins
Chair, 25-26



Hoda Hatoum
Vice Chair, 25-26

We continue to host a virtual seminar series highlighting the outstanding research being conducted by faculty within our technical committee community. We sincerely thank our group of presenters – Drs. Maryam Bagheri (Georgia Tech), Matthew Eden (University of Michigan), Melissa Brindise (Penn State University), Jason Szafron (Carnegie Mellon University), Bryan Good (University of Tennessee Knoxville), and Gurneet Sangha (University of California-Irvine) – for delivering excellent presentations and contributing to the continued success of the program. The seminar series has provided an exciting platform to showcase innovative research while fostering scientific discussion, collaboration, and engagement across the biofluids community. We are grateful to all speakers and attendees whose participation helped make the series impactful, and we look forward to continuing this momentum with future programming initiatives. Please stay tuned for announcements regarding the Fall 2026/Spring 2027 virtual seminar series through the TCOM listserv. If you are interested in being considered as a future speaker, please contact us.



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Fluid Mechanics TCOM

We are thrilled to see members of our TCOM community continue to receive recognition through ASME-BED divisional awards. Congratulations to Amir Arzani (University of Utah) on receiving the Y.C. Fung Early Career Award and to Frank Loth (Northeastern University) on receiving the Woo Translational Biomechanics Medal. These honors reflect the outstanding contributions and impact of our community members. We strongly encourage continued nominations of deserving colleagues so that the exceptional work being performed within our community continues to be recognized at the divisional level. Please consider nominating colleagues for these divisional awards.

We look forward to seeing everyone at both a virtual TCOM meeting and an informal gathering at the World Congress of Biomechanics 2026. Please stay tuned for additional details and announcements regarding these events. As always, please reach out if you have additional ideas, suggestions, or initiatives you would like the TCOM leadership to consider.

Lucas Timmins, Ph.D.

Fluid Mechanics Committee Chair

Hoda Hatoum, Ph.D.

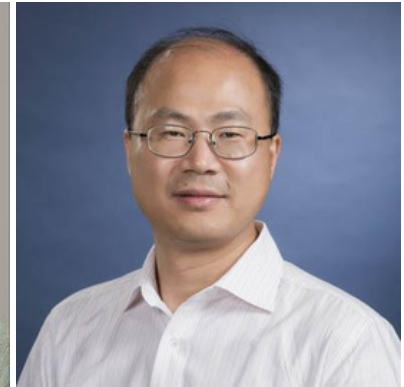
Fluid Mechanics Committee Vice Chair

Solid Mechanics TCOM

This year, we are pleased to report that we successfully conducted a virtual Seminar series on solid mechanics (organized by Jason Szafron and Abhay B. Ramachandra) before the upcoming World Congress of Biomechanics. We hosted three seminars over a three-month period: (1) From Cells to Populations: Multiscale Modeling of Sex Differences in Cardiac Remodeling (by Pim Oomen); (2)



David Pierce
Chair, 25-26



Songbai Ji
Co-Chair, 25-26

Eyes Under Stress: Understanding Glaucoma Through Tissue Biomechanics (by Babak N. Safa); and (3) Acute and Chronic Loading of Orthopaedic Tissues (by Axel Moore). This workshop was one of eight workshop proposals submitted after the call at the SB3C 2025 committee meeting. The other seven are: (1) The Intersection of Machine Learning and Constitutive Modeling (by Adrian Buganza Tepole and Manual Rausch); (2) Imaging for structure-function in soft tissues – three modalities/length scales, including quantification of imaging data (by Jill Middendorf); (3) Mineralized tissues, journal club (by Mariana E. Kersh and Jackie D. Zehr); (4) Workshops on Experimental and Computational solid mechanics (by Marzieh Memar); (5) Virtual series on Joint robotics (by Axel Moore and Stephanie Cone); (6) Virtual session connecting students with industry (by Ana Estrada); and (7) Opportunities in Women's Health (by Katrina Knight). In the coming year, we plan to continue the virtual workshops with a focus on perhaps one or two proposed topics to promote sustainability. Negotiation with the ASME for platform promotion is ongoing. Finally, the sub-theme Leaders are as follows: Cardiovascular Tissue Mechanics - Jun Liao; Growth, Remodeling, and Repair - Patrick Alford; Injury: Mehmet Kurt; Musculoskeletal Soft Tissues Mechanics - Soham Ghosh; Mineralized Tissues - Jacqueline H. Cole; Joint and Spine Mechanics - Beth Winkelstein; Other Solid Mechanics Topics - Deva Chan. Songbai Ji, Soham Ghosh, Mehmet Kurt, and Deva Chan are newly elected this year, congratulations! The Other Solid Mechanics Topics sub-theme continues to build each year, with sessions covering Ocular tissues, Lung, Lower Abdomen, and Reproductive topics in biomechanics.

Tissue & Cellular Engineering TCOM

At the start of 2026, Alix Deymier (UConn Health) took over the position of Committee Chair from David Corr. The committee leadership and membership are so grateful for the amazing work that David completed during his term as Chair. We will continue David's efforts to clarify the scope of tissue and cellular engineering in the modern era as well as create an environment that promoted diversity and inclusion on all levels. Thank you David! Due to delays in the ASME elections, there is currently no co-chair for the committee although a number of candidates are eagerly awaiting the opportunity to join the leadership team. Alix has also been working hard to fill the subtheme openings. We would like to welcome Nandan Nerurkar and Shinuo Weng as Co-chairs of the

Development and Morphogenesis sub-theme, Jingjie Hu as Co-chair of the Tissue Regeneration sub-theme, Aniruddha Vijay Savargaonkar as co-chair of the Mechanobiology Subtheme, and Chung-Hao Lee as co-chair of the Bioprinting and Biomanufacturing sub-theme. We would like to thank Yubing Sun, Victor Varner, Arun Nair, Eno Ebong, and Spencer Szczesny for all their hard work as sub-theme chairs over the last 3+ years.

With no 2026 SB3C meeting, our team has been focusing on building networks and communication between its members, the tissue and cellular engineering community at large, and the ASME leadership. One first step to this process was to create a LinkedIn group for this committee (<https://www.linkedin.com/groups/17551015/>). This is a space for us to post upcoming seminars and events, make announcements, and share updates. We hope that you will join this group as a way to facilitate communication. We are also having discussions with several members about themes and events that they would like to organize. We hope to have announcement about events in the near future!



Alix Deymier
Chair, 25-26

Diversity, Equity, & Inclusion Committee

The **Diversity, Equity and Inclusion Committee** (led by **Dr. Ellie Rahbar**) has been busy working on two exciting new initiatives over the past year. First, they have been working to establish a new **ASME medal! The ASME Susan S. Margulies Excellence in Leadership in Bioengineering Medal** will formally recognize individuals with sustained leadership in bioengineering and encourages broader contributions from academia, industry, government, and philanthropic foundations. As you may know, Dr. Susan Margulies has been an outstanding leader and advocate for biomedical engineering, education and research and we are thrilled to honor her legacy with this new medal. Additionally, this will be the first ASME award named after a female biomedical engineer. Fundraising for the medal is ongoing, and we have raised nearly \$50,000 to date! We hope that you will consider giving to this important cause; you can learn more here:



Ellie Rahbar
Chair, 25-26

<https://www.asmefoundation.org/susan-margulies-medal/>

Secondly, the DEI committee has partnered with the **Student Leadership Committee** to host more year round events. We have had two webinars this past year that allowed students to engage with faculty and peers to learn about ways to engage in research and how to pick a lab for graduate school. We hope to continue these quarterly webinars and finding ways to engage with our Bioengineering Division Members at all levels. There have also been efforts towards enhancing the online ASME mentor-mentee platform to allow our members to better connect and network with peers and mentors beyond the summer conference. We hope you enjoy World Congress and look forward to seeing you in 2027! If you are interested in connecting with us, please do not hesitate to reach out to Ellie Rahbar.

Industry Committee

Industry Spotlight

This was a quieter year for the Industry Committee (IC). In years when the World Congress of Biomechanics (WCB) anchors the summer calendar, the community's attention shifts away from SB3C, where the IC has traditionally had its largest presence, and our programming naturally follows suit. We've treated the lighter year as an opportunity to build: listening to industry, deepening relationships, but still preparing a slate of events for WCB 2026.

Because SB3C draws the larger share of our community with more of our tailored events accepted as sessions and workshops, it remains the natural home for the IC's efforts, and we expect next year to be a considerably more active one, with the relationships and survey insights we're gathering now feeding directly into that programming.

A central focus this year has been understanding industry's priorities more directly. We distributed a survey to industry colleagues to learn about their professional goals and the practical barriers that keep them from engaging with our conferences so that we can better align ASME's summer meetings with those goals and encourage broader industry participation. Alongside the survey, we have invested in one-on-one networking with professionals across the biomedical industry. The insights from both efforts are already shaping the events and partnerships described below.

This year, Lance Frazer (Southwest Research Institute) stepped into the role of IC chair, working alongside co-chair Jeffrey Soohoo (United Therapeutics). With leadership rooted in both applied research and the biomedical industry, the committee remains well positioned to keep industry perspectives at the center of the Division's activities.

Upcoming Events

Academia-to-Industry Panel

Building on our "Transitioning Between Academia & Industry" panels at SB3C, which drew more than 120 participants in both 2024 and 2025, the IC is partnering with the WCB 2026



Lance Frazer
Chair, 25-26



Jeffrey Soohoo
Co-Chair, 25-26



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Industry Committee

student organizing committee to bring this session to the World Congress. The panel offers students and early-career researchers a candid look at the move from academia into industry: career pathways, what employers look for, and how to make the most of those early years. The IC is helping recruit industry panelists and supporting the session on-site.

Technology Pitch Competition

Organized by Dr. Lyle Hood, this “Shark Tank” style competition will take place at WCB 2026. Researchers pitch the business case for their technology to a panel of industry judges sharpening their commercialization thinking and giving industry members an early look at emerging bioengineering innovations.

Get Involved

We warmly welcome new members from both academia and industry. If you would like to join the IC, propose a session, or serve in any way, please reach out to IC chair Lance Frazer (lance.frazer@swri.org).

Committee Leadership

- **Lance Frazer**, Chair · Group Leader, Musculoskeletal Biomechanics, Southwest Research Institute
- **Jeffrey Soohoo**, Co-chair · Director, R&D Engineering, Regenerative Medicine, United Therapeutics Corporation

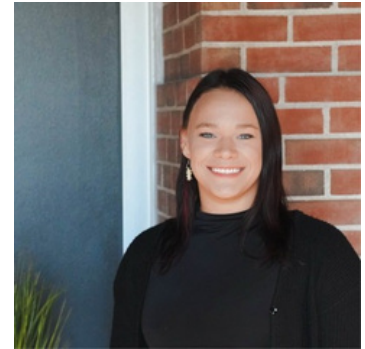
Student Leadership Committee



Jeremy Warren
Chair



Alyssa Garrison
Co-Chair



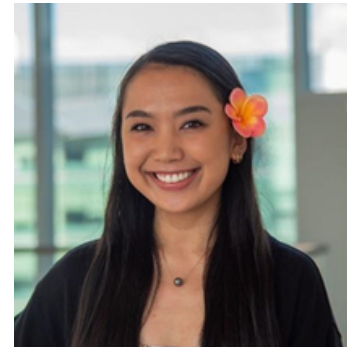
Kayla Whatley
Secretary



Alexis Throop
In-Person Networking



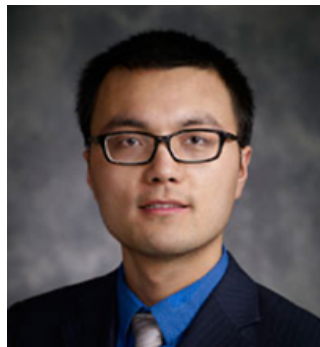
Gargi De
Social Media Chair



Mari Domingo
Student Workshop Chair



Kat Kerr
Online Networking Chair



Zhenpeng Qin
BED Executive Committee
Member at Large
Student Relations



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Student Leadership Committee

The Student Affairs and Student Leadership Committee (SLC) had a productive year, focusing on maintaining connections and providing workshops throughout the year. We hosted 3 successful virtual events:

How to Pick a Lab for Graduate School

(collaboration with the ASME BED DEI committee)

A webinar for undergraduate and prospective PhD students thinking about graduate school and wondering how to choose the right research lab.

COMSOL Workshop

A two-part workshop covering general use cases, modeling fluids, mechanics, and fluid-structure simulations.

Mental Health and Wellbeing for Engineering Students

A coffee talk webinar hosted by Vani Gupta, a PhD student at Penn State pursuing a dual title in Human Development and Family Studies (HDFS) and Social Data Analytics. Her talk focused on work-life balance and mental health in academia.

Women's Networking Group

The Women's Networking Group is an informal but impactful community within the ASME Bioengineering Division that brings together women across all career stages - from postdocs to professors, from industry professionals to government researchers. The group operates through inclusive participation: simply attend one of their events and you'll be added to their mailing list to stay connected with networking opportunities and professional development activities. The group maintains a diverse leadership committee representing across career stages and sectors, including positions for assistant, associate, and full professors, industry representatives, government liaisons, and postdoctoral researchers.



Brittany Coats
Co-Chair, 25-26



Laurel Kuxhaus
Co-Chair, 25-26

What's new in the Women's Networking Group? Last year, we were nominated to continue moving this group forward, and we quickly envisioned a series of informal (virtual) networking events throughout the year to keep the community connected. Despite the best of intentions, a storm of circumstances (new roles at work for both of us, and the absence of an SB(3)C summer meeting) leaves us saying: "we need help making things happen!" Interested in lending a hand to help organize a virtual event, or more? Please reach out!

We look forward to connecting with everyone soon,

Brittany Coats and Laurel Kuxhaus

brittany.coats@utah.edu, laurel.bioengineer@gmail.com

Editors' Note: ASME Journal of Biomechanical Engineering

The ASME Journal of Biomechanical Engineering (JBME) continues its important mission of publishing breakthrough research applying mechanical engineering principles to improve human health. In 2025, the journal received 361 manuscript submissions, marking a steady increase from 2024. Thanks to the exceptional dedication of our Editorial Board, our review times have continued to decrease. Across all submissions, the average time from

initial receipt to a decision was just 71 days. For manuscripts sent for peer review, the average time in review was 91 days. While these metrics place us on par with peer journals, we remain fully committed to shortening this timeline even further to better serve our authors.



Thao (Vicky) Nguyen
Co-Editor-in-Chief



Rich Debski
Co-Editor-in-Chief

Leadership Transition: This spring marks a significant transition for our leadership team. On March 1, C. Ross Ethier concluded his highly impactful five-year term as Co-Editor-in-Chief. On behalf of the journal, the ASME Bioengineering Division (BED), and the broader biomechanics community, we want to express our deepest gratitude to Ross for his thoughtful leadership, stellar organizational skills, and steadfast commitment to scientific rigor, excellence, diversity, and equity. Under Ross' and Vicky's leadership, JBME dramatically decreased the average decision time from over 100 days down to 71, launched initiatives to advance diversity, foster inclusion, and built a robust social media presence.

Stepping into the role as the new Co-Editor-in-Chief is Richard E. Debski, Professor of Bioengineering at the University of Pittsburgh. Rich is an internationally recognized leader in musculoskeletal and orthopedic biomechanics. His pioneering research integrates rigorous experiments with advanced computational modeling to deepen our understanding of joint function, ligament mechanics, and injury repair. Rich's contributions have earned numerous awards, including the 2004 Y.C. Fung Young Investigator Award and the 2011 Richard Skalak Award for the best paper published in JBME. He also brings an impressive depth of editorial

Editors' Note: ASME Journal of Biomechanical Engineering

experience to the role, having previously served as an Associate Editor for JBME (2007–2013), an Assistant Editor for the Journal of Shoulder and Elbow Surgery (2009–2024), and an editorial board member for both the Journal of Orthopaedic Science and the Journal of Orthopaedic Research. Rich will partner with Vicky to helm the journal until January 2027, at which time Vicky's five-year term as Co-Editor-in-Chief will conclude. Looking ahead, the BED Executive Committee will soon initiate the search for the next Co-Editor-in-Chief, with a formal solicitation for applications forthcoming. If you are passionate about shaping the future of JBME and upholding its legacy of publication excellence, we highly encourage you to apply.

Recognizing the Editorial Board: Our Associate Editors (AEs) are the backbone of the journal, serving as subject-matter experts who meticulously oversee the peer-review process. From selecting qualified reviewers to balancing conflicting feedback and guiding authors toward publication, their dedication ensures the standard of excellence and scientific integrity of JBME. This vital work is an invaluable service to BED and the broader biomechanics community, and we express our heartfelt gratitude for their efforts. We thank the AEs who concluded their terms: Spencer P. Lake, Tony Jun Huang, Sudeep Sastry, John LaDisa, Peter Cripton, and Kharma Foucher. We also welcomed many new AEs: Walt Baxter from Medtronic, Jason Frazer from Southwest Research Institute, Trish Kesar from Emory, Jessica Oaks from Northeastern, and Heath Henninger from the University of Utah. We are grateful to Adrian Buganza Tepole, Rafael Davalos, and Jing Du for renewing their AE roles for another 3-year term. Among this dedicated group, we are delighted to share that Francesco Travacio and Jessica Oaks were honored with the 2025 Best AE Award for JBME for handling the largest number of papers and having the shortest review times. We invite individuals who are interested in shaping the future of the journal to reach out to us directly about potential AE opportunities. Candidates should hold the rank of Associate Professor or above, or possess equivalent industry experience. While we welcome expertise in all areas of biomechanics, we are currently seeking AEs in the areas of injury biomechanics, gait biomechanics, and musculoskeletal biomechanics, with a particular focus on the upper body and spine.

In addition to serving as AEs, Byron and Hannah are JBME's communications team, developing new strategies for community engagement and posting newly published papers to the JBME LinkedIn account. This past year, they launched a new workflow to provide authors with direct links to share their newly accepted articles upon publication. This strategy has

Editors' Note: ASME Journal of Biomechanical Engineering

significantly boosted LinkedIn engagement and follower growth. Starting this summer, Byron and Hannah will post monthly features of the AEs to further connect our Editorial Board with the community.

Spence and Darryl lead the journal's effort to advance diversity, equity, and inclusion in publishing. This past year, they published [a guest editorial affirming JBME's commitment to diversity, equity, and inclusion](#). The editorial effectively made a case for why diversity and inclusion increase the scientific rigor and the quality of the editorial process. They are currently developing a pipeline program to introduce young investigators to the editorial process. Look for solicitations for small teams of Assistant Professors and industry professionals with equivalent experience to develop ideas for special issues and gain hands-on experience as Guest Editors.

Manuel Rausch serves as our dedicated Commissioning Editor for high-impact Review and Expert View articles. We encourage you to reach out to him directly if you have proposals or suggestions for comprehensive review articles, particularly those that explore contrasting perspectives, synthesize competing methodologies, or highlight complementary paradigms in biomechanical engineering.

2026 Skalak Award: The Journal has the pleasure of awarding the Richard Skalak Medal each year for the best paper published in the previous year (or in some cases, in the previous 2 years). The winner is selected by an independent external committee from a list of Editor's Choice papers nominated by the Associated Editors. We thank the committee members, Andrew Feola (chair), Rouzbeh Amini, Melissa Brindise, Stephanie Cone, Soham Gosh, Hoda Hatoum, Chung-Hao Lee, Jill Middendorf, Ryan Pedrigi, Sara Roccabianca, Edward Sander, Lei Shi, Lucas Timmins, and Colleen Witzenburg for their hard work. Committee members are invited by the Chair of the Skalak Committee and are external to the Editorial Board. The winner of the 2026 Skalak Medal is:

Pavey SN, Eekhoff JD, Karbasian N, Xu N, Bersi MR, Wagenseil JE, Lake SP. [Fascicular Elastin Impacts Tendon-Specific Ramp-to-Failure and Fatigue Mechanics](#). *JBME*. 2025. **147**: 111010.

The committee also chose, for honorable mention:

Lu Y, Hua Y, Lee PY, Theophanous A, Tahir S, Tian Q, Sigal IA. [Lamina Cribrosa Hypoxia Sensitivity to Variations of Anatomy and Vascular Factors](#). *JBME*. 2025. **147**:081002.



BIOENGINEERING DIVISION

NEWS

Editors' Note: ASME Journal of Biomechanical Engineering

Congratulations to the awardees!

Special Issues: The journal published four special issues in 2025 and the first half of 2026: [The 2025 Annual Special Issue](#), which featured contributions from the 2024 ASME BED Medalists and finalists of the SB3C student paper competition (Guest Editor: Megan Killian); [Pulmonary Mechanics Special Issue](#) (Guest Editors: Jessica Oaks, Mona Eskandari, and Catherine Fromne); [NAMS \(New Approach Methodologies, Novel Alternative Methods, Non-Animal Models\) in Biomedical Engineering](#), (Guest Editors: Laurel Kuxhaus and Nathan Sniadecki); and [Challenges in Evaluation and Identification of Tissue Biomechanical Properties and Parameters](#) (Guest Editors: Babak Safa and Brianne Connizzo). There are 4 special issues in progress for the second half of 2026: The 2026 Annual Special Issue (Guest Editor: Mary Kathryn Sewell-Loftin and Noelia Grande Gutierrez), and Mechanics Across Scales: Frontiers in Biomechanics and Mechanobiology in Honor of Ross Ethier (Guest Editors: David Steinman, Ian Sigal, Michael Girard, and Mohammad Reza Kaazem Pur Mofrad). Thank you to the Guest Editors for developing the special issue and handling the reviews. JBME welcomes proposals for special issues on emerging topics and on computational and experimental methods in biomechanics and bioengineering. Persons interested in organizing a special issue are encouraged to contact Rich and Vicky.

Finally, we want to express our sincere appreciation to the authors, reviewers, and readers of JBME. A journal is more than its metrics and milestones. It is a reflection of your dedication to excellence and scientific discovery. Thank you for choosing JBME as a trusted home for your research and for generously volunteering your time to ensure the integrity of our peer-review process. Together with the ASME Bioengineering Division, we look forward to building on the successes of 2025 and continuing to champion excellence, innovation, and inclusion in the year ahead.

Thao (Vicky) Nguyen and Rich Debski
Co-Editors-in-Chief

Editors' Note: Journal of Medical Devices

As the Editors-in-Chief of the Journal of Medical Devices, we are excited to share that in 2025, we were able to rapidly process all manuscripts submitted to the journal, with only 1 day on average from submission to first decision of either rejecting without peer review or sending out for peer review. For the latter, it took approximately 3.5 months from submission to final decision on average. We are grateful for the hard work of our team of dedicated editors, editorial staff, and reviewers, to make such rapid yet high-quality publication possible.



Xiaoming (Shawn) He
Co-Editor-in-Chief



Carl Nelson
Co-Editor-in-Chief

We are also thrilled to report that our manuscript submissions increased in 2025 by more than 31%, compared to those received in 2024. To accommodate this increase, the journal will move from quarterly to bimonthly issue publication starting in 2026.

To enhance the impact of the journal, we continue to maintain a broad scope of the journal to publish work on diverse topics including: tissue engineered systems including organoids; microphysiological systems; cellular systems for immunotherapy and stem cell therapy; cell, tissue, organ culture, banking, and analysis devices; drug delivery systems including nanoparticles; drug discovery and screening systems; self-assembled systems; minimally invasive devices; microfluidic and nanofluidic devices; biomedical diagnostic devices; biomedical robotics; biomedical sensors and actuators; biomedical Instrumentation; 2D devices and materials; wearable and flexible electronics; artificial intelligence and machine/deep learning devices; and internet of Things devices.

Besides regular submissions, we welcome proposals for organizing special issues (SIs) in the journal on any of the topics listed above or a relevant topic of your interest. Currently, we have three ongoing SIs on the following three topics: 1. Properties of Tissues and Their Measurements; 2. 3D/4D Bioprinting Systems and Bioprinted Constructs for Biomedical



BIOENGINEERING DIVISION

NEWS

Editors' Note: Journal of Medical Devices

Applications; and 3. Wearable Electronic Medical Devices

In 2026, we are committed to further improve the statistics of the journal as a unique international forum for rapid publication of significant research on the development and characterization of devices including instruments aimed for biomedical applications. Organizing SIs as guest editors (GEs) is strongly recommended for individuals who are interested in becoming an associate editor (AE) of the journal. Indeed, we are recruiting additional dedicated AEs to address the aforementioned increase in manuscript submissions. Please do contact us if you are interested in these opportunities. Once again, thank you for your support, and we are looking forward to publishing your exciting future work in the *Journal of Medical Devices*.

Sincerely,

Xiaoming (Shawn) He and Carl Nelson

Co-Editors

Editor's Note: ASME Journal of Engineering and Science in Medical Diagnostics and Therapy (JESMDT)

The journal seeks to bridge the gap between engineers and non-engineers and translate engineering knowledge into clinical applications to accelerate biomedical innovation, trials and commercialization. The Journal publishes original research focused on implementation of engineering and science principles in medical diagnostics, imaging, characterization, and therapy. It spans four primary areas where engineering impacts applied biomedicine: biotechnology in pharmaceuticals; clinical applications of biomaterials; biotechnology in clinical systems; and imaging, diagnostics, and therapeutics. We do encourage colleagues from the BED to join the Editorial Board.



Ahmed Al-Jumaily
Editor-in-Chief

The Journal has completed nine successful years with 9 volumes and 36 issues including 9 special issues with submissions from 46 countries on six continents. The journal should be indexed and impact factor granted very soon. The journal has been cited by several indices, including Scopus and Engineering Index.

In 2026, JESMDT will welcome the new Editor-in-Chief Linxia Gu from Florida Institute of Technology.

The JESMDT website can be found at:

<https://journaltool.asme.org/home/JournalDescriptions.cfm?JournalID=32&Journal=JESMDT>

Be sure to read out latest Special Issue on Industrial-based Biomedical Engineering Research (SIBER) - Part 2.

Note: Although JESMDT is not managed by the Bioengineering Division of ASME, submissions on relevant topics are invited from our members.

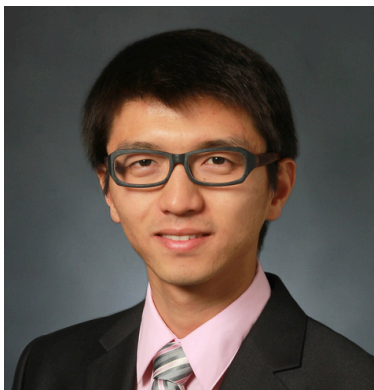
Ahmed Al-Jumaily, PhD, MSc, BSc
Editor-in-Chief

ASME Fellows 2025-2026



Sean Andersson
Boston University

Dr. Sean B. Andersson is professor and chair of mechanical engineering and professor of systems engineering at Boston University. He earned a B.S. in applied and engineering physics from Cornell University, an M.S. in mechanical engineering from Stanford University, and a Ph.D. degree in electrical and computer engineering from University of Maryland, College Park. Prior to embarking on his academic career, Dr. Andersson worked at AlliedSignal Aerospace and Aerovironment, Inc. With expertise in systems and control theory and research interests in optimal control, estimation theory, robotics, and biophysics, he has made contributions to many areas, including high speed atomic force microscopy, single particle tracking, and motion planning and control in robotics.



Huanyu "Larry" Cheng
Penn State University

Prof. Huanyu "Larry" Cheng is the James L. Henderson, Jr. Memorial Professor of Engineering Science and Mechanics at Penn State University. His research group focuses on the design, fabrication, and application of the standalone stretchable device platform. Larry has co-authored more than 200 publications with total citations >30,000 according to Google Scholar. His work has been recognized through the reception of numerous awards, including Highly Cited Researcher in the field of Cross-Field since 2023, Fellow of the American Society of Mechanical Engineers (ASME) in 2026, 2026 Stratis V. Sotirchos Award, Advanced Materials Rising Stars in 2024, International Journal of Extreme Manufacturing (IJEM) Best Editor Award 2022-2024, Humboldt Research Fellowship for Experienced Researchers in 2022, 2021 National Institutes of Health (NIH) Trailblazer Award, MIT Technology Review Innovators Under 35 (TR35 China) in 2021, Forbes 30 Under 30 in 2017, among others. He also serves as the editor for Chemical Engineering Journal, Editor-in-Chief for Chemical Engineering Journal: Engineered Materials, and a reviewer for over 360 journals.

ASME Fellows 2025-2026



Haibo Dong
University of Virginia

Dr. Haibo Dong is a Professor of Mechanical and Aerospace Engineering at the University of Virginia, where he also serves as Director of Graduate Programs for Mechanical and Aerospace Engineering. He received his Ph.D. in Aerospace Engineering from UCLA and previously held academic positions at Wright State University and George Washington University. Dr. Dong currently serves as Chair of the Honors and Awards Committee of the ASME Fluids Engineering Division and has played an active leadership role in advancing the fluids engineering community through professional service, mentoring, and scholarly dissemination. His research focuses on computational fluid dynamics, fluid-structure interaction, and bio-inspired engineering, with broad applications in mechanical and aerospace systems. His work advances the understanding of unsteady flow physics and coupled fluid-structure dynamics in propulsion, hydrodynamics, and energy-efficient systems. By integrating high-fidelity computational modeling, advanced simulations, and biologically inspired design principles, his research has contributed to the development of next-generation solutions for propulsion, flow control, and autonomous systems.



Randy Ewoldt
University of Illinois
Urbana-Champaign

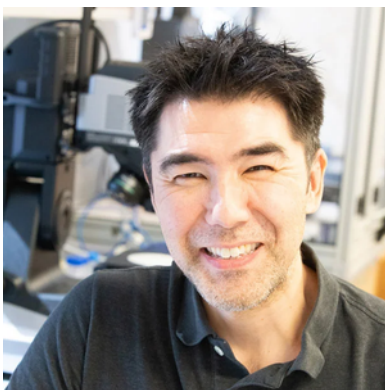
Randy H. Ewoldt is the Alexander Rankin Professor in Mechanical Science and Engineering at the University of Illinois Urbana-Champaign, USA. He earned his BS from Iowa State University, SM and PhD from MIT, and was a postdoctoral fellow at the University of Minnesota. His research integrates fluid mechanics, rheology, and soft matter physics to address fundamental questions underlying a wide range of engineering systems. His honors include the Presidential Early Career Award for Scientists and Engineers (PECASE) (2017), the Society of Rheology Publication Award (2021), Fellow of the Society of Rheology (2025), and sustained recognition for excellence in teaching. He teaches across the mechanical engineering core, including fluid mechanics, solid mechanics, design, and rheology, and is a frequent invited lecturer at rheology short courses in the United States and Europe.

ASME Fellows 2025-2026



Craig Goergen
Purdue University

Dr. Craig J. Goergen, a Professor of Biomedical Engineering at Purdue University, has been elected an ASME Fellow for his contributions to cardiovascular imaging and biomechanics. His development of four-dimensional ultrasound technology is a significant advancement in diagnostic imaging, offering a more accessible alternative to cine MRI for cardiac assessment. Dr. Goergen earned his B.S. in Biomedical Engineering from Washington University in St. Louis, his M.S. and Ph.D. in Bioengineering from Stanford University, and conducted postdoctoral research at Harvard Medical School. He runs the Cardiovascular Imaging Research Laboratory at Purdue which focuses on creating and applying novel imaging techniques to better understand, diagnose, and treat cardiovascular diseases, including abdominal aortic aneurysms and cardiac dysfunction due to Duchenne muscular dystrophy. A dedicated contributor to the engineering community, Dr. Goergen previously served as the Member-at-Large and now serves as Secretary on the ASME Bioengineering Division Executive Committee.



Peter Lillehoj
Rice University

Peter B. Lillehoj is an Associate Professor in the Departments of Mechanical Engineering and Bioengineering, and holds the Shankle Chair in Mechanical Engineering at Rice University. He received a B.S. degree in Mechanical Engineering in 2006 from Johns Hopkins University and M.S. and Ph.D. degrees in Mechanical Engineering from the University of California, Los Angeles in 2008 and 2011, respectively. His research group has pioneered several innovative microfluidic/BioMEMS platforms, including mobile phone-enabled biosensors, wearable biosensors, and interstitial fluid-based diagnostics. His research has led to important discoveries for improving the diagnosis and prognosis of human diseases, including malaria, Chagas disease and COVID-19. His research has been featured in various news media, including CBS, MSN.com, The Huffington Post and The Gates Notes. He is a recipient of several notable awards, including the NSF CAREER Award in 2014, IEEE New Innovator Award in 2019, Wellcome Trust Innovator Award in 2020, and two Grand Challenges Explorations grants from the Bill & Melinda Gates Foundation. He currently serves as an Editorial Board member for Scientific Reports and Micromachines.

ASME Fellows 2025-2026



Ibrahim Ozbolat
Penn State University

Dr. Ibrahim T. Ozbolat is a Dorothy Foehr Huck and J. Lloyd Huck Chair in 3D Bioprinting and Regenerative Medicine and Professor of Engineering Science and Mechanics Department, Biomedical Engineering Department, and Neurosurgery Department at Penn State. He received his Ph.D. in tissue engineering from the University at Buffalo (SUNY) in Buffalo, New York, and dual B.S. degrees in Mechanical Engineering and in Industrial Engineering from Middle East Technical University, Ankara, Turkey. Dr. Ozbolat's major research thrust is in the area of Bioprinting. His research on bioprinting for tissue and organ fabrication has been published in several high-quality venues, received various awards and has been featured in national and international media, broadcast TVs and press numerous times. He frequently gives talks at national and international forums, conferences and seminars and organizes demonstrations and events to the public and youths to encourage participation of future engineers in medicine, engineering and science.



Caterina Rizzi
University of Bergamo

Dr. Caterina Rizzi is a Full Professor of Technical Drawing, Product Lifecycle Management (PLM), and Human Modelling at the University of Bergamo. She previously served as Head of the Department of Management, Information, and Production Engineering and, since April 2023, has been the Coordinator of the PhD Programme in Health and Longevity. She currently leads the multidisciplinary Virtualization & Knowledge (V&K) Group, comprising approximately 20 researchers. Her research interests include virtual prototyping and extended reality; methods and tools for product and process ergonomics; human body acquisition and motion analysis; the design and simulation of patient-specific medical devices; human and patient digital twins; innovative solutions for motor and neurocognitive rehabilitation; telemedicine and telerehabilitation; and sustainable design. She has served as Chair of the ASME Computers and Information in Engineering (CIE) Division, Conference Chair of the ASME CIE and IDETC-CIE Conferences, and Member-at-Large of the Congress Organizing Committee of the ASME International Mechanical Engineering Congress and Exposition (IMECE).

ASME Fellows 2025-2026



Roozbeh "Ross" Salary
Marshall University
(West Virginia State)

Dr. Salary is an Associate Professor of Mechanical and Biomedical Engineering as well as the Director of Manufacturing Research in the College of Engineering & Computer Sciences (CECS) at Marshall University. His current areas of research include Advanced Manufacturing, Physics-based Computational Modeling, Machine Learning (ML), and Artificial Intelligence (AI). Dr. Salary is a Professional Engineer (PE), an NSF Research Fellow, a Fellow of the American Society of Mechanical Engineers (ASME), and John Marshall Leadership Fellow. He is a recipient of the College of Engineering Research Award, Service Award, Distinguished Scholar Award, and Pickens-Queen Teaching Award for excellence in research, education, and service at Marshall University.



Bing-Shiang Yang
National Yang Ming
Chiao Tung University
and
Industrial Technology
Research Institute

Dr. Yang is widely recognized for his outstanding contributions to biomechanics, human movement control, and medical device innovation, alongside his exceptional leadership in engineering education and industrial technology translation. He earned his B.S. and M.S. degrees in Mechanical Engineering from National Taiwan University, and his Ph.D. in Mechanical Engineering (Biomechanics) from the University of Michigan, where he was also recognized as a Michigan Teaching Fellow for his dedication to engineering education. Dr. Yang is currently a Professor of Mechanical Engineering at National Yang Ming Chiao Tung University (NYCU) and serves on secondment as the Deputy General Director of the Mechanical and Mechatronics Systems Research Laboratories at the Industrial Technology Research Institute (ITRI). His pioneering research centers on the neuromusculoskeletal control of human movements targeting elderly and neurologically impaired populations, translating fundamental biomechanical insights into impactful assistive technologies and medical devices. A prolific innovator with a robust portfolio of granted patents and substantial external research funding, his translational work has led to US FDA-approved surgical devices and prestigious global accolades, including the R&D 100 Awards. Beyond his research, Dr. Yang has deeply shaped the engineering community by establishing university-level cross-disciplinary practice platforms that have trained thousands of students. He has served in prominent leadership roles, including President of the Taiwanese Society of Biomechanics, member of World Council of Biomechanics, and has demonstrated a longstanding commitment to the field as an active member of ASME.



BIOENGINEERING DIVISION

NEWS

ASME Bioengineering Awards

Our Division celebrates outstanding achievements in bioengineering research, education, service, and societal impact through several prestigious awards spanning all career stages. Nominate a colleague for one of these ASME Society Level Awards, which acknowledge exceptional accomplishments with international recognition:

- **Y.C. Fung Early Career Award:** Recognizing an early-stage investigator who demonstrate significant potential to make substantial contributions to the field of Bioengineering.
- **Edward Grood Interdisciplinary Team Science Medal in Bioengineering:** Recognizing a team of scientists and engineers for a body of impactful achievements in bioengineering.
- **Herbert R. Lissner Medal:** Recognizing outstanding achievements in bioengineering, including significant research contributions, development of new methods of measuring, design of new equipment and instrumentation, and/or educational impact in training bioengineers, plus service to the bioengineering community
- **Van C. Mow Medal:** Recognizing a mid-career professional who has demonstrated meritorious contributions to the field of bioengineering through research, education, professional development, leadership in the development of the profession, mentorship to young bioengineers, and with service to the bioengineering community.
- **Robert M. Nerem Education and Mentorship Medal:** Recognizing an individual for an extraordinary and sustained level of lifetime achievement in the field of bioengineering education and mentoring.
- **Savio L-Y. Woo Translational Biomechanics Medal:** Recognizing an individual who has translated meritorious bioengineering science to clinical practice through research, education, professional development, and with service to the bioengineering community.

The Bioengineering Division also recognizes excellence among student researchers and published work through Bachelor's, Master's, and Ph.D. Level Awards at the SBC, and the Richard Skalak Award recognizing the most impactful paper published in ASME's Journal of Biomechanical Engineering during the previous year. In addition, members can also nominate exceptional individuals for elevation to the grade of ASME Fellow.

For complete information about nomination requirements, submission processes, and deadlines (many deadlines on September 1!), please visit the ASME BED awards webpage:

www.asme.org/about-asme/honors-awards/bioengineering-division-awards

Or contact the Division's Awards Committee at bioengineering.awards@asme.org.

ASME Bioengineering Awardees 2025-2026

Y.C. Fung Early
Career Award



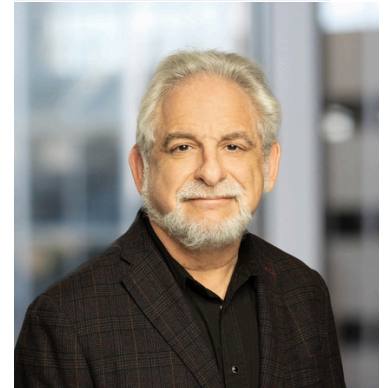
Amirhossein Arzani

Edward Grood Interdisciplinary
Team Science Medal



Translational Research Laboratories
in Urogynecology (TRLU)

Herbert R.
Lissner Medal



Michael S. Sacks

Van C. Mow
Medal



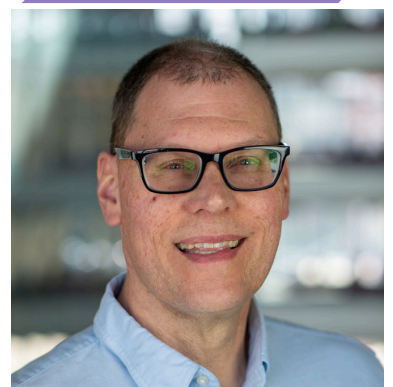
Alisa Morss Clyne

Robert M.
Nerem Medal



Kristin Billiar

Savio L-Y.
Woo Medal



Francis Loth

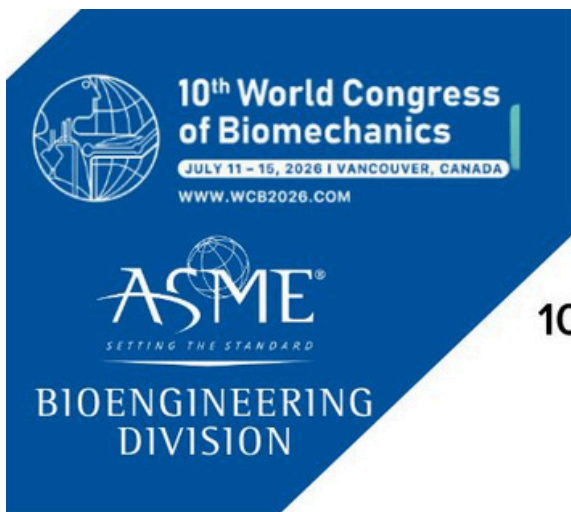


BIOENGINEERING DIVISION

NEWS

ASME Bioengineering Awardees 2025-2026

Join us in celebrating our awardees and connect with our community
at the World Congress of Biomechanics in Vancouver!



Convention Centre

1055 Canada Pl #36, Vancouver, BC V6C 0C3

Tuesday, July 14 at 6 PM

Make sure you RSVP!





BIOENGINEERING DIVISION

NEWS

New ASME Bioengineering Award: Margulies Medal

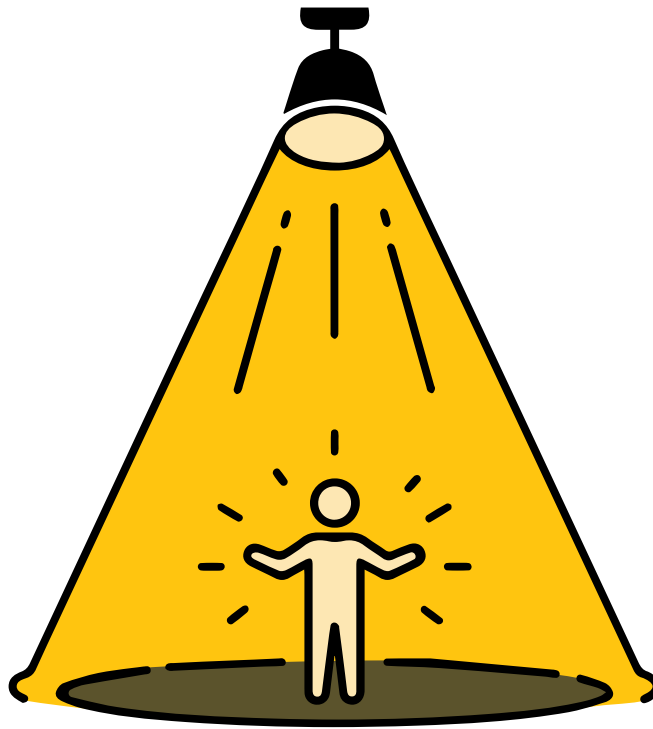


Did you know that [Dr. Susan Margulies](#) was the first biomedical engineer to lead the NSF Directorate for Engineering? She has shown tremendous leadership in bioengineering and advocated for advancements in biomedical research.

We are honoring her legacy through a new ASME medal and need your help! Please consider donating today and honoring future outstanding engineers who improve our health and quality of life! Don't wait - every little bit counts, and we hope you give today!!

Donate: <https://www.asmefoundation.org/susan-margulies-medal/>

Member Spotlights!



To boost our connections with each other and celebrate our successes throughout the year, we are launching Member Spotlights! To share good news about yourself or a colleague in our [LinkedIn Bioengineering Division Group](#), send a short blurb and a picture to include with the post to Jacque Cole at jacquecole@ncsu.edu.



BIOENGINEERING DIVISION

NEWS

New BIO Mentoring Program!

Register as a mentor or mentee in our new, topic-specific mentoring program designed to strengthen the Bioengineering Division community. This initiative connects professionals from industry, academia, and related fields to share expertise, build meaningful relationships, and stay engaged within the division.

Connect, grow, and give back:

- [Mentor Link](#)
- [Mentee Link](#)



Organizer: Ellie Rahbar



BIOENGINEERING DIVISION

NEWS

Important Reminders!

Make sure you're connected with Bioengineering Division!

Log-in to your ASME Account: <https://access.asme.org/account/profile>

Go to Account Details > Technical Division Interests > First Priority > Select Bioengineering Division > Save

Not receiving BED emails?

Toggle **ON** your communication preferences in the [ASME Preference Center](#)

ASME Volunteer Communications

Communications and information from volunteer leaders and groups, such as ASME Member Sections, Divisions, and Sectors about relevant events, meetings, and volunteer opportunities.



Nominate yourself or a colleague to be an ASME Fellow!

Deadlines: March 1, June 1, September 1 and December 1

Details here: <https://www.asme.org/about-asme/honors-awards/fellows>

Nominate colleagues for ASME Awards (Fung, Grood, Lissner, Mow, Nerem, Woo)!

Deadline: September 1

Details here: <https://www.asme.org/get-involved/technical-divisions/technical-divisions-community-pages/bioengineering-division#honors-and-awards>

Consider volunteering for the BED Executive Committee!

Questions? Contact David Corr, Member-in-Charge Member Affairs,
corr@dmpi.edu



BIOENGINEERING
DIVISION

NEWS

Save the Date for a Webinar with NIH Program Directors!

**Join the ASME BED for a webinar featuring
NIH Program Directors**

Thursday, September 24, 2026

8:00 AM PT / 11:00 AM ET

NIH Program Directors will provide insights into strategic research priorities within their programs and across NIH, followed by an interactive Q&A session.

Organizer: Grace O'Connell

IMECE® International Mechanical Engineering Congress & Exposition®

I am thrilled to invite you to the Biomedical and Biotechnology Track at this year's International Mechanical Engineering Congress & Exposition (IMECE) in beautiful Vancouver, Canada. Our track is far more than a showcase of cutting-edge technology; it is a warm, deeply collaborative community where researchers spanning all career stages come together to advance the frontiers of biomedical engineering. I know firsthand how transformative this conference can be. My own IMECE journey began in 2017 when I first attended as a PhD student. Since then, this community has been a cornerstone of my professional life. I returned as a postdoc, navigating the virtual sessions during the height of the pandemic, and today I participate as a faculty member, proudly sending my own undergraduate and graduate students to experience the same inspiration that shaped my career.



Amirtahà Taebi
Track Chair

As our technical program takes shape with full-paper reviews already well underway, we are gearing up for an incredible lineup in Vancouver. If you receive this ahead of the July deadline, there may still be a brief window to submit an abstract for an oral-only presentation or a poster session. However, whether you are presenting your own latest research or joining us to absorb the newest breakthroughs in the field, the true value of our track is the community itself. I warmly invite you to connect with us as an attendee, or to contribute behind the scenes as a reviewer helping to finalize our track's high standards. Finally, I encourage you to champion the next generation by supporting our participants in the Biomedical Graduate Students Competition and dedicated poster sessions, ensuring they get the same mentorship and platform that shaped so many of our careers early on.

Let's make our time in Vancouver an unforgettable opportunity for collaboration and discovery. I look forward to reconnecting with old friends, forging new partnerships, and welcoming you all to an incredible track.

See you in Vancouver!

Amirtahà Taebi

Track Chair, Biomedical and Biotechnology Track, IMECE 2026



BIOENGINEERING DIVISION

NEWS

ASME Bioengineering Division Roster 2025-2026

EXECUTIVE COMMITTEE

Chair

Guy Genin

Past Chair

Spencer Lake

Secretary

Craig Goergen

Secretary-Elect

Megan Killian

Treasurer

Jessica Oakes

Member in Charge of Member Affairs

David Corr

Members at Large

Deva Chan

Bob Hauck

Ethan Kung

Grace O'Connell

Communications & Outreach

Jacqueline Cole

Student Relations

Zhenpeng Qin

Student Leadership Committee Chairs

Jeremy Warren

Alyssa Garrison

TECHNICAL COMMITTEE CHAIRS

Biotransport

Sihong Wang

Christopher Rylander

Design, Devices, & Rehabilitation Research

Anita Singh

Education

Jacqueline Cole

Joanna Dahl

Debanjan Mukherjee

Fluid Mechanics

Lucas Timmins

Hoda Hatoum

Solid Mechanics

David Pierce

Songbai Ji

Tissue & Cellular Engineering

Alix Deymier

OTHER COMMITTEE CHAIRS

Diversity, Equity, & Inclusion

Ellie Rahbar

Industry

Lance Frazer

Jeffrey Soohoo

Women's Networking Group

Brittany Coats

Laurel Kuxhaus