

BMES

BIOMEDICAL ENGINEERING SOCIETY

2023

ANNUAL MEETING

POCKET PROGRAM



*For full program details,
download our app at:*



*Available in the **Apple App Store**
and the **Google Play Store**.*

WELCOME TO SEATTLE!

We are excited to welcome you to the 2023 Annual Meeting in Seattle – the Emerald City on the gorgeous Pacific Northwest.

This year’s Co-Chairs (Stacey Finlay, Brendan Harley and Kelly Stevens) have delivered an event full of science-filled platform sessions and amazing special events, including a track focused on this meeting’s theme, Social Transformation.

There is so much to do and to learn in the next few days that we encourage you to plan your schedule wisely so that you don’t miss anything. Download the app and highlight the can’t-miss sessions of your preference.

As you greet old friends and network with new ones, please make time to visit our exhibitors and sponsors, and check out our poster sessions.

We also invite you to visit our first-ever curated art exhibit on Friday evening. The exhibit features the work of biomedical engineers and artists who will share the wonders of their research as art.

Enjoy the meeting and become active in BMES throughout the year.

Cynthia Reinhart-King, President & John Falcioni, Executive Director



WEDNESDAY, OCTOBER 11	
5:00 p.m. - 6:00 p.m.	“How to Maximize your Conference Experience with Annual Meeting Co-Chairs” (Stacey Finlay, Brendan Harley, and Kelly Stevens)
6:00 p.m. - 7:30 p.m. Location: Exhibit Hall	Welcome Reception
12:00 p.m. - 7:30 p.m.	Registration Opens

THURSDAY, OCTOBER 12

7:00 a.m. - 5:00 p.m.	Registration Badge Pickup
8:00 a.m. - 11:00 a.m.	Exhibit Hall Hours
9:30 a.m. - 10:30 a.m.	Poster Session A
2:00 p.m. - 3:00 p.m.	Poster Session B
1:30 p.m. - 4:30 p.m.	Exhibit Hall Hours
10:30 a.m. - 11:45 a.m. Location: Flex BC, 2nd Level	PLENARY: State of the Society (Cynthia Reinhart-King) and Pritzker Distinguished Lecture (Tejal Desai, “A Fantastic Voyage: My Journey in Nanoengineering, Advocacy, and Leadership”)
3:30 p.m. - 4:30 p.m. Location: 434	Student Chapter and HS Poster Competition Award Ceremony
4:30 p.m. - 5:10 p.m. Location: Flex BC, 2nd Level	PLENARY: Diversity Award Lecture (Christine Schmidt, “Amplifying Voices”), Herbert Voigt Distinguished Service Award, and BMES Fellows Presentation
Check the mobile app for times and locations	Hosted University Receptions

FRIDAY, OCTOBER 13

7:00 a.m. - 5:00 p.m.	Registration Badge Pickup
8:00 a.m. - 11:00 a.m.	Exhibit Hall Hours
8:00 a.m. - 1:00 p.m. Location: 428-429	Medtronic/BMES Student Design Competition
9:30 a.m. - 10:30 a.m.	Poster Session C
3:30 p.m. - 4:30 p.m.	Poster Session D
10:30 a.m. - 11:30 a.m. Location: Flex BC, 2nd Level	PLENARY: NIH/NIBIB Lecture (Kenneth Lutchen, “The Heroic Role of Bioengineering in Society & Medicine”) and Design by Biomedical Undergraduate Teams (DEBUT) Awards Presentation
1:00 p.m. - 2:00 p.m. Location: Flex BC, 2nd Level	PLENARY: Wallace H. Coulter Award for Healthcare Innovation Lecture (Jian Yang, “Translational Citrate Biomaterials in Regenerative Engineering”) and Athanasiou Medal (Guillermo Ameer, “Pro-regenerative Biomaterials and Medical Devices: Enabling Clinical Regenerative Medicine”)
1:30 p.m. - 4:30 p.m.	Exhibit Hall Hours
6:00 p.m. - 9:00 p.m. Flex BC, 2nd Level	BMES Closing Reception

SATURDAY, OCTOBER 14

7:00 a.m. - 5:00 p.m.	Registration Badge Pickup
8:00 a.m. - 12:30 p.m.	Exhibit Hall Hours
9:30 a.m. - 10:30 a.m.	Poster Session E
10:30 a.m. - 11:30 a.m. Location: Flex BC, 2nd Level	PLENARY: Rita Schaffer Young Investigator Award Lecture (Shreya Raghavan, “Engineering Variables of the Metastatic Tumor Immune Microenvironment”), Mid-Career Award Lecture (Adam Engler, “Lessons Learned by ‘Mid-Career’ that I wish I knew as an Undergrad”), and Presentation of BMES Journal Awards

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2023 U.S. News and World Report's
Best Graduate Schools

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Application Deadlines:

PhD: December 1, 2023
MSE: December 31, 2023

Connect with us at one of our upcoming events:
bme.jhu.edu/upcoming-events

Visit bme.jhu.edu to apply.



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THE OHIO STATE UNIVERSITY
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Booth
1012



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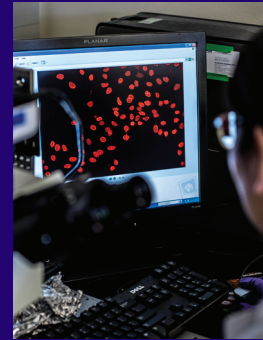
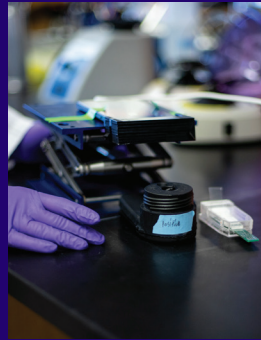
VISIT BOOTH #520 TO LEARN MORE!

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Explore our community at
bme.ucdavis.edu



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University of Washington Bioengineering brings engineers, clinicians and students together to boldly solve complex health challenges. We are proud of our inclusive and collaborative culture that has generated numerous impactful research areas, startups and clinical products. Meet UW Bioengineering students, faculty and staff at booth #400 to learn how we are Inventing the Future of Medicine!



WashU BIOMEDICAL ENGINEERING

We provide a rich environment for graduate students to pursue biomedical research and engineering innovation, develop professional skills and personal strengths as engineering leaders, and interact with our multidisciplinary and collaborative community of faculty and students.

No. 14

Biomedical Engineering Graduate Programs
U.S. News and World Report

No. 5

Medical Schools: Research
U.S. News and World Report

No. 2

Rising City for Startups (St. Louis)
Forbes, 2018

Research Areas

- » Biomedical & Biological Imaging
- » Cardiovascular Engineering
- » Cellular & Molecular Bioengineering
- » Neural Engineering
- » Orthopedic Engineering
- » Regenerative Engineering in Medicine
- » Women's Health Technologies

Visit us at
Booth #700

Join us for a virtual information session!

- Oct. 26: 4:00-5:00 p.m.
- Nov. 9: 4:00-5:30 p.m.
- Nov. 30: 9:00-10:00 a.m.
- Dec. 7: 3:00-4:00 p.m.





Engineering & Computing

Department of Biomedical Engineering

JOIN US AT **BOOTH 803**

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Seattle Convention Center | Seattle, WA
Reception Room #502

Florida International University | bme.fiu.edu | 305.348.6950



Department of Bioengineering

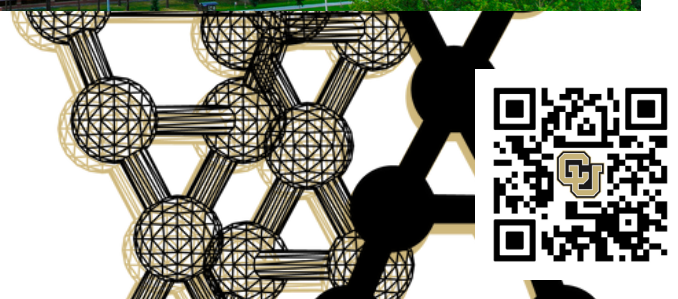
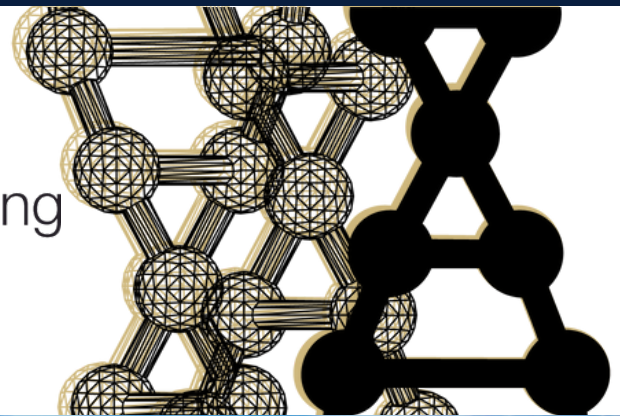
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BOOTH #828



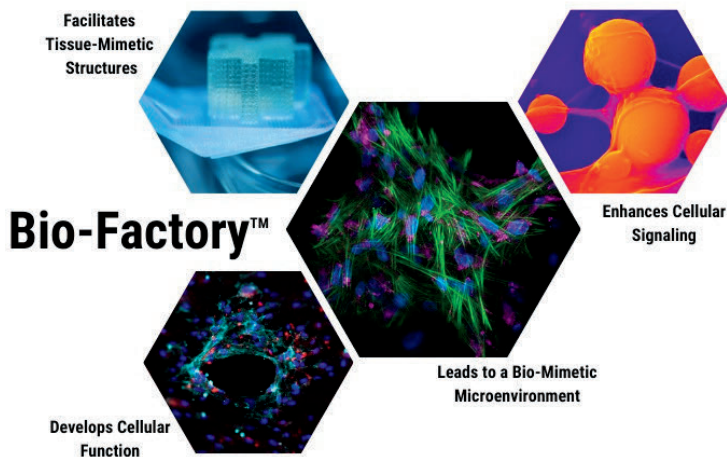


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NORTHEASTERN UNIVERSITY DEPARTMENT OF BIOENGINEERING



Students joining the Department of Bioengineering will have unique opportunities in the classroom, research labs, and experiential learning.


The Department of Bioengineering offers **BS, MS and PhD** students a broad education built on fundamentals in science, mathematics, and engineering, with a **focus on the biological applications of engineering**. The program is designed to provide a **rigorous engineering training** along with a comprehensive understanding of the **biological constraints intrinsic to designing artificial systems** to interface with, augment, replace, repair, or monitor living systems. These constraints depend on the properties of the biological system involved and the functionality that is being created.

Northeastern's core mission is experiential learning, which includes cooperative education (co-op)

Co-op affords students **the chance to work in engineering practice prior to graduation**. Through this program, undergraduate and graduate students gain hands-on, professional experience as well as a chance to build personal connections and contacts within their field of interest.

Research and teaching areas of focus:

- Biomechanics, Biotransport, and Mechanobiology
- Biomedical Devices and Bioimaging
- Molecular, Cell, and Tissue Engineering
- Systems, Synthetic, and Computational Bioengineering

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BMES booth # 908



Department of Bioengineering

George Mason's Bioengineering Department, 20 miles from Washington, D.C., is in the heart of a region densely packed with researchers who work at the intersection of medicine and current technology. Our students work with faculty, industry partners and researchers at national laboratories within our 4 pillars:

- Biomedical Imaging & Devices,
- Computational Biomedical Engineering,
- Biomaterials & Nanomedicine,
- Neurotechnology & Computational Neuroscience.

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Alfred E. Mann Department of Biomedical Engineering



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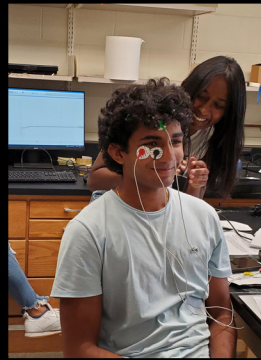
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