

[bio_div] BED Announcements: 10/15/23

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via asee.org

Mon 10/16/2023 10:28 AM

To:bio_div@asee.org <bio_div@asee.org>

Dear BED Members:

I hope you've started thinking about your submission ideas for the ASEE annual meeting! Abstracts are due 11/1. We're also piloting a new "Congratulations Corner" of the newsletter. See below for more info.

Sarah I. Rooney, ASEE BED Division Chair
University of Delaware

BED Announcements for 10/15/23

Red = last time announcement is included in newsletter

Congratulations Corner

1. *New* Submit Your Accomplishments

Announcements

1. ASEE BED Call for Papers
2. ASEE BED Newsletter Tidbits

Participate

1. ---

Learn

1. Tidbit: [ASEE PEER Document Repository](#)
2. ASEE Learning Workshops
3. Biomedical Engineering Education Community (BEEC) Resources
4. ASEE Commission on Diversity, Equity, and Inclusion (CDEI)- Virtual Workshop Recordings

Open Positions

1. **Harvey Mudd:** Teaching-focused Tenure-Track Assistant/Associate Professor in Biomedical Engineering
2. **Swarthmore College:** Tenure-Track Assistant Professor in Engineering
3. **UNC/NC State:** Assistant Teaching Professor in Biomedical Engineering
4. **Florida Gulf Coast:** Multiple Open-Rank Positions in Bioengineering
5. **Virginia Tech:** Instructor in Biomedical Engineering and Mechanics
6. **University of Vermont:** Tenure-Track Positions in Biomedical Engineering
7. **Texas A&M University:** Professor of Practice & Professor of Instruction Positions

Call for Newsletter Content

Congratulations Corner

1. Submit Your Accomplishments

We're trying something new! Submit [this short form](#) to be featured in an upcoming ASEE Biomedical Engineering Division newsletter to highlight member accomplishments (self-submit or submit on behalf of someone you know). We will highlight accomplishments that are related to BME education and induction of ASEE BED members as fellows of related professional organizations (e.g., BMES, AIMBE). Seeing the teaching and career-related accomplishments of colleagues in education-focused roles has served as important inspiration for me over the years, and I hope it will do the same for you!

General Announcements

1. ASEE BED Call for Papers

The [call for papers](#) is out for the Biomedical Engineering Division (BED) of ASEE for the Annual Conference in Portland Oregon on June 23rd to 26th! Abstracts are open October 1st and are due November 1st. Other deadlines for the conference [are listed here](#). Do you have ideas for improving your teaching that you'd like to share with other or get feedback from the community on? Consider submitting a WIP paper this year! Did you submit a WIP paper last year that you want to convert to a full paper? BED accepts 3-page WIP submissions and full length papers about BME education. Submit your abstract to: nemo.asee.org.

2. ASEE BED Newsletter Tidbits

I hope to incorporate a Tidbit in each newsletter. This is just a small tip that you think others might benefit from. It does not necessarily need to be BME education-focused (but can be!), but should at least be something that might help productivity, facilitate professional development, or be of general interest to BED members. Tidbits will be listed in the "Learn" section and attributed to the submitter. To submit a Tidbit, use the process described in the Call for Newsletter Content at the bottom of this newsletter. My goal is that these Tidbits will share useful/practical knowledge and help us get to know more BED members! Please do submit (otherwise, you'll be hearing a lot from me...)!

Participate

1. nothing to see here :-)

Learn

1. Tidbit: [ASEE PEER Document Repository](#)

Are you feeling nostalgic over the awesome experience that was ASEE 2023? Or like you missed out if you couldn't make it? Fear not! The 2023 conference proceedings have been published to PEER, so you can now read the papers that were presented at the conference. The proceedings from this and past years also serve as important prior literature to reference for your submissions to the upcoming ASEE 2024 conference.

2. ASEE Learning Workshops

[ASEE Learning](#) is passionate about **supporting the incorporation of DEIJB** (Diversity, Equity, Inclusion, Justice, and Belonging) principles into higher education classrooms. These upcoming, instructor-led, virtual workshops will provide faculty with the resources needed to establish more inclusive learning environments. [Replacing Implicit Bias: Recognize, Reconsider, and Respond](#) is designed to provide educators, administrators, and staff with the knowledge and tools to recognize common expressions of bias in academic settings and interrupt biases when they occur. [Deliberate Curriculum: Designing Curricular Modules For Diversity, Equity, Inclusion, Justice, And Belonging](#) is designed to guide participants through creation of curriculum that incorporates DEIJB components to help build a more safe, welcoming, and

inclusive learning environment for students. **Registration closes for both workshops soon – register today!**

3. Biomedical Engineering Education Community (BEEC) Resources

BEEC's website contains recordings, slides, and resources for the biomedical engineering education community. Need ideas for what textbook to use in your BME course? Alternative grading techniques? Funding opportunities in engineering education? Learning more about educational research? Find this and much, much more!

4. ASEE Commission on Diversity, Equity, and Inclusion (CDEI)- Virtual Workshop Recordings

Check out Virtual Workshop Recordings on CDEI's [YouTube Playlist](#)

Check out CDEI:

- LinkedIn: https://www.linkedin.com/company/asee_cdei/
- Twitter: @ASEEDiversity
- Blog: <https://diversity.asee.org/deicommitee/blog/>

Position Announcements

Note: We advertise positions that have a BME education focus to ensure relevance to our BED members. Advertisements may include the following: teaching-focused faculty (TT or NTT) or staff positions, TT positions at PUI or R2+ institutions that have a larger workload and emphasis on teaching, and TT positions that allow for educational scholarship instead of traditional engineering research. If submitting a job posting, please ensure it meets these criteria.

1. Harvey Mudd: Teaching-focused Tenure-Track Assistant/Associate Professor in Biomedical Engineering

Harvey Mudd College invites applications for a tenure-track faculty position in biomedical engineering within our General Engineering program. The Department of Engineering seeks a new colleague with experience and knowledge in biomedical engineering who can excel in teaching a broadly-based undergraduate curriculum

(<https://www.hmc.edu/engineering/curriculum/>). Candidates working at the interfaces of engineering disciplines who can help students make connections across fields are especially encouraged to apply. Applicants should demonstrate commitment to teaching excellence, professional growth, and promoting equity and inclusion among diverse students and colleagues. A Ph.D. or equivalent (terminal) degree in engineering or a closely related field is required. Industrial or other practical experience in the field is highly valued. The appointments are anticipated to be at the assistant or associate professor level.

Apply: <https://academicjobsonline.org/ajo/jobs/25181>

If potential applicants have questions about the faculty positions, they can reach out to the search committee at eng-search-2023-l@g.hmc.edu

2. Swarthmore College: Tenure-Track Assistant Professor in Engineering

The Department of Engineering at Swarthmore College invites applications for a tenure-track Assistant Professor position beginning in Fall 2024. Specializations can range across the spectrum of engineering subfields, with particular interest in the areas of Electrical, Environmental, Materials, and Mechanical engineering. We are especially interested in candidates whose teaching and scholarship incorporates the cross-cutting focus areas of sustainability, social impacts of technology, or engineering design. We seek candidates with the ability to teach talented undergraduates from diverse backgrounds in introductory core courses as well as mid- to upper-level elective courses in the candidate's area of specialization – see https://catalog.swarthmore.edu/preview_program.php?catoid=29&poid=2214 for current offerings. Our course load is two courses per semester or the equivalent including lab sections. Swarthmore's Department of Engineering provides an

ABET-accredited general Engineering major, with faculty distributed across the subfields listed above plus Computer and Civil Engineering, as well as a growing cross-cutting focus on **Biomedical Engineering**. Like the College at large, we value academic rigor and place a strong emphasis on undergraduate research. Submit applications to:
<https://apply.interfolio.com/129575>

3. UNC/NC State: Assistant Teaching Professor in Biomedical Engineering

The [Joint Department of Biomedical Engineering](#) at UNC Chapel Hill and NC State University would like to invite applicants to apply for an Assistant Teaching Professor position. The BME department is uniquely structured as a single department across both universities, and faculty have privileges at both campuses with access to all facilities and resources available at each location. The primary appointment will be through NC State, but classes may be taught at both campuses.

We are currently seeking an Assistant Teaching Professor who will teach courses on topics in one or more of the following areas: biomaterials, biomechanics, and/or bioinstrumentation. For more details on the roles and responsibilities for this position (and a link to apply), please visit <https://jobs.ncsu.edu/postings/189979> or contact Naji Husseini (nshusseini@ncsu.edu).

4. Florida Gulf Coast: Multiple Open-Rank Positions in Bioengineering

The Department of Bioengineering, Civil Engineering, and Environmental Engineering invites applicants to apply for multiple open-rank (Assistant/Associate/Full Professor) appointments in the Bioengineering program. The U.A. Whitaker College of Engineering is dedicated to quality education, scholarship, and service. All faculty are expected to be excellent teachers, committed to innovative delivery, student learning, and effective use of technology. Faculty are also expected to produce peer reviewed scholarship and provide service to the College, University, and Community.

All areas of expertise in Bioengineering/Biomedical Engineering will be considered, however, preferred areas of expertise are described in the full position announcement (<https://tinyurl.com/42py297u>). The positions are listed as "open until filled", however, applications received by November 1, 2023 will receive priority consideration.

5. Virginia Tech: Instructor in Biomedical Engineering and Mechanics

Instructor - Bioinstrumentation Laboratory: The Department of Biomedical Engineering and Mechanics (BEAM) at Virginia Tech invites applications for a full-time non-tenure track instructor position to begin in January 2024. Duties will primarily include teaching undergraduate bioinstrumentation laboratory courses in biomedical engineering. Additional opportunities are to teach other undergraduate courses in biomedical engineering based on area of technical expertise and department need. Please visit this [link](https://careers.pageuppeople.com/968/cw/en-us/job/526910/instructor) (<https://careers.pageuppeople.com/968/cw/en-us/job/526910/instructor>) for the opening advertisement. If you have any questions, please contact Dr. Sara Arena (sarena@vt.edu).

6. University of Vermont: Tenure-Track Positions in Biomedical Engineering

The Department of Electrical and Biomedical Engineering at the University of Vermont (UVM) invites applications for two tenure-track hires in Biomedical Engineering. Applicants will be considered at both the Assistant and Associate Professor rank. The department seeks to grow in multiple research areas including human motion capture, wearable biosensing, biotransport, biomaterials, tissue engineering, bioimaging, and/or digital health. The BME Program values interdisciplinary research and innovative approaches to engineering education, as illustrated by a new undergraduate curriculum focused on design thinking and active learning. UVM is especially interested in candidates who can contribute to the diversity and inclusive excellence of the academic community through their teaching, service and

research, scholarship, or creative arts. Successful candidates will be joining UVM following a period of unprecedented growth that has led to the successful completion of world-class STEM facilities, the development of an ABET accredited BS degree, the expansion of MS and PhD degrees in BME, and the creation of the entrepreneurship-focused Center for Biomedical Innovation. Biomedical Engineering is among the fastest growing and largest undergraduate majors at UVM.

Full position details and application available at <https://www.uvmjobs.com/postings/67119>. Questions? Niccolo.Fiorentino@uvm.edu.

7. Texas A&M University: Professor of Practice & Professor of Instruction Positions

The Department of Biomedical Engineering at Texas A&M University is hiring both tenure track and academic professional track positions. BME@TAMU is committed to solving the world's greatest health problems through the exploration of new ideas, integrated research and education, and innovation. We are training the next generation of industry-ready biomedical engineers, working closely with clinical and industry partners to develop and translate new technologies into clinical applications or commercial products, and achieving revolutionary advancements for the future of health care.

Click the below links to learn more and submit your application.

- Tenured/Tenure-Track position (open rank): <http://tx.ag/bmeTTF>
- Professor of Practice & Professor of Instruction positions: <http://tx.ag/bmeAPT>

Call for Newsletter Content

The ASEE BED bi-monthly newsletter is a place to share general announcements, open positions, BME education resources, Tidbits, etc. To send an announcement via the BED newsletter, please prepare a 2-3 paragraph description including any relevant URLs and contact info as well as a subject line. **Do not include any attachments.** Be sure that the announcement includes the person to contact with questions. Email all of this information to Sarah Rooney at srooney@udel.edu with **[BED Announcement]** in the subject line to facilitate email sorting. Announcements will be sent out approximately on the 1st and 15th of each month. **Each set of announcements will be included in the newsletter twice.** Announcements will also be recorded on the BED website (<https://sites.asee.org/bed/>) and HUB (<https://aseehub.asee.org/groups/home/34#active-group-members>). To submit a Tidbit, use the same process described above AND label it as a Tidbit and include your name and title/affiliation.

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Advising sign-up [link](#)