

[bio_div] ASEE BED Announcements: 12/15/23

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via asee.org

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

Dear BED Members:

This will be our last full newsletter until mid-January. **Be sure to note the call for ASEE BED award nominations with a brief form stating your intention to nominate, due January 15.** Wishing you all a wonderful holiday season and a happy New Year!

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

ASEE BED Announcements for 12/15/23

Red = last time announcement is included in newsletter

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3. **University of Washington:** Tenure-eligible Bioengineering professor (open-rank), focus on bioengineering education research
4. **University at Buffalo:** Teaching Assistant Professor of Biomedical Engineering
5. **Tufts University:** Full-Time Lecturer in Biomedical Engineering

Call for Newsletter Content

Congratulations Corner

1. Submit Your Accomplishments

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 Award Nominations

Each year, the Biomedical Engineering Division (BED) of the ASEE grants several awards at the annual ASEE conference, including the Theo C. Pilkington Outstanding Educator Award, the Biomedical Engineering Teaching Award, and the Biomedical Engineering Lifetime Faculty Mentor Award.

Theo C. Pilkington Outstanding Educator Award

The Biomedical Engineering Division (BED) of ASEE annually awards The Theo Pilkington Outstanding Educator award. This award is conferred by the division for significant contributions to biomedical engineering education as evidenced by the development of successful undergraduate or graduate level programs, curricula, publications as well as by membership and activities in ASEE/BED and other biomedical engineering organizations. The award consists of a commemorative plaque and a check for \$350*. This award recognizes the contribution of Theo C. Pilkington as a true pioneer in Biomedical Engineering who contributed significantly to the advancement of Biomedical Engineering Education.

Biomedical Engineering Teaching Award

This award is conferred by the Biomedical Engineering Division (BED) to recognize contributions in the field of biomedical engineering education by new faculty members as evidenced by innovative teaching materials, curricula, textbooks and/or professional papers and by activity in ASEE/BED and/or other biomedical engineering organizations. Awardees must have a primary educational role in biomedical engineering, either through a dedicated BME/Bioengineering program or through a related engineering program. Faculty members who have no more than 5 years (by June 1 of the year in which the award is given) of teaching experience with primary course responsibility at the university/college or community college level are eligible for this award. The award consists of \$350 and a commemorative plaque*.

Biomedical Engineering Lifetime Faculty Mentor Award

The Biomedical Engineering Lifetime Faculty Mentor Award is made to a faculty member in the ASEE Biomedical Engineering Division in recognition of excellence in mentoring other faculty in biomedical engineering education. This award will be given biennially, and is conferred by the division for strong evidence of excellence in mentoring other faculty to advance their careers in engineering education or related fields, as well as for clear evidence of impact on current or former mentees both within and outside the home institution. All BED faculty members that have had active ASEE and BED memberships for 5 of the last 10 years are eligible to receive this award. Minimum activity includes conference attendance and serving as a paper reviewer. This award consists of a commemorative plaque and a check for \$350*.

The Awards Committee is soliciting nominations for these three awards. Note that all award winners are typically required to attend the Awards Banquet held during the ASEE Annual Conference. This year, the 2024 Annual Conference will be held in Portland, Oregon (6/23/24-6/26/24). Before nominating an individual, please ensure that they will be

available to attend (more details TBD). For detailed nomination instructions and forms, please visit the following link:

https://www.asee.org/membership-and-communities/awards-and-honors/other-divisions#Biomedical_Engineering_Division

*Due to the financial situation that ASEE is currently in, award cash prizes and plaques may unfortunately not be offered this year.

APPLICATION PROCESS:

On or before January 15, 2024: Signify your intent to nominate by filling out the brief form at this link: <https://forms.gle/ZcvED2MBeV32GSbV6>

On or before February 15, 2024: Submit a complete nomination package (additional information will be sent to nominators). If you have any questions, please contact the BED Awards Chair at asee.bedawards@gmail.com or: Yanfen Li at Yanfen_Li@uml.edu.

Participate

1. BEEC 2024 Annual Meeting

Our annual BEEC meeting will take place on February 15th, 2024 from 12:00 pm to 4:00 pm EST. Join us as we share evidence-based practices, talk to experts in the field of engineering education and present new ideas for education! You can register by following the link below. We will be announcing the Keynote soon. We are accepting abstracts for the annual meeting, too. Any small or big ideas are welcome!

[Abstracts](#)

[Registration](#)

Learn

1. Tidbit: ResearchRabbit

There is an AI tool that I've been using to help my undergrads start their literature search that has also been helpful for me to start learning about engineering education. The [website](#) asks for an input of a paper, then the AI takes into account the authors, their affiliations, year of publication, and other keywords and creates a (visual and digital) network of related papers to help you get a better grasp on the field.

<https://www.researchrabbit.ai/>

Submitted by: Dr. Angela Lai, Assistant Teaching Professor, Tufts University

2. [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!

3. 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. University of Tennessee, Knoxville: Biomedical Engineering Lecturer

The Biomedical Engineering (BME) Program at the University of Tennessee, Knoxville (UTK), is seeking exceptionally qualified candidates for a full-time, non-tenure-track, lecturer position in biomedical engineering. The successful candidate will teach undergraduate and graduate courses in biomedical engineering and perform service duties as needed. The successful candidate is expected to build an exceptional record of accomplishment in teaching and student engagement, leading to promotions to senior lecturer and distinguished lecturer. Salary and benefits are nationally competitive and commensurate with experience and qualifications. Questions about the position should be directed to Dr. Sara Hanrahan, shanraha@utk.edu.

More information on the position can be found on Interfolio:

<https://apply.interfolio.com/135971>

2. Stevenson University: Full-time faculty, Biomedical Engineering (open rank)

This is a 9-month, full-time, campus-based, open rank faculty position in the Biomedical Engineering (BME) program with responsibilities for teaching, course development, student advising and mentoring, service to the school, department, and university, and continued scholarship in the field. Teaching responsibilities include 24-30 contact hours per academic year, commensurate with rank.

We are looking for someone with demonstrated knowledge and teaching ability in multiple areas of Biomedical Engineering, including design, clinical immersion, thermal/fluids, and systems physiology. The preferred candidate will be familiar with design and analysis software and scientific programming (Python). Stevenson values the ability to create inclusive learning experiences that will help students develop professionally, intellectually, and socially.

Apply here: <https://stevenson.peopleadmin.com/postings/8761>

3. University of Washington: Tenure-eligible Bioengineering professor (open-rank), focus on bioengineering education research

The Department of Bioengineering at the University of Washington invites applications for a full time, tenure-eligible Assistant, Associate, or Full Professors with an anticipated start date of September 16, 2024. The annual service period is nine months.

The base salary range for this position will be \$11,800 to \$21,000 per month, commensurate with experience and qualifications, or as mandated by a U.S. Department of Labor prevailing wage determination. Other compensation associated with this position may include a moving allowance, a relocation incentive, and/or limited commitment of summer salary in the first year.

This position will engage in bioengineering education research informed by Critical Race Theory, Critical Race Science and Technology Studies, intersectionality, social justice, diversity, equity, and inclusion, and/or educational disparities that can be applied to biomedical education and curricula. The successful candidate will demonstrate an ability to develop an inclusive, federally funded research program of national repute, provide inclusive and innovative approach to their undergraduate and graduate instruction, promote the success of students from underrepresented racial and ethnic groups in academia and

contribute to the goals and missions of the department, college, and university. They will be expected to follow UW's strong tradition of collaboration and translation across disciplinary boundaries.

The link to the posted ad is: https://ap.washington.edu/ahr/position-details/?job_id=128159.

The application site is: <https://apply.interfolio.com/136370>

4. University at Buffalo: Teaching Assistant Professor of Biomedical Engineering

The Department of Biomedical Engineering (BME) at University at Buffalo (UB) invites candidates to apply for a non-tenure track Teaching Assistant Professor (Lecturer 12 mo.) position. We are particularly looking for candidates who can operate effectively in a team environment and in a diverse community of students and faculty and share our vision of helping all constituents reach their full potential.

<https://www.ubjobs.buffalo.edu/postings/45667>

5. Tufts University: Full-Time Lecturer Lecturer in Biomedical Engineering

The Department of Biomedical Engineering (BME) at Tufts University invites applicants for a full-time Lecturer as part of a focused effort to further strengthen our BME core course offerings as well as the coordination of our undergraduate labs.

<https://apply.interfolio.com/133099>

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 sirooney@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](#)