

[bio_div] BED Announcements: 8/15/23

Sarah Rooney <sirooney@udel.edu>
via asee.org
Tue 8/15/2023 9:00 PM
To: bio_div@asee.org <bio_div@asee.org>
Dear BED Members:

Many of us are starting the fall semester in the coming few weeks. Sending you all the cool, calm, and collected vibes you need as you prepare to kick off a new academic year!

If you have any suggestions for the newsletter or our ASEE Biomedical Engineering Division as a whole, please send them to me... along with your Tidbits!

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

BED Announcements for 8/15/23

Red = last time announcement is included in newsletter

Announcements

1. ASEE BED Bi-monthly Newsletter Tidbits

Participate

1. Biomedical Engineering Education Community (BEEC) Spotlight

Learn

1. **Tidbit: Teaching in Higher Ed Podcast**
2. ***New* International Handbook of Engineering Education Research**
3. Biomedical Engineering Education Community (BEEC) Resources
4. ASEE Commission on Diversity, Equity, and Inclusion (CDEI)- Virtual Workshop Recordings

Open Positions

1. **University of Southern California: Lecturer or higher rank in Biomedical Engineering**
2. **University of Michigan: Lecturer III in Biomedical Engineering**

Call for Newsletter Content

********* **General Announcements**

1. ASEE BED Bi-monthly 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. Biomedical Engineering Education Community (BEEC) Spotlight

BEEC is a virtual community of practice for BME educators. Biomedical Engineering Education Community (BEEC) Spotlight (1st Monday of the month on Slack!): This video series aims to introduce new members of the community. If you know a new colleague, nominate them using [this form](https://forms.gle/KWnwRrTU3e5BnYa7A) to be featured in the next spotlight video. <https://forms.gle/KWnwRrTU3e5BnYa7A>

Learn

1. Tidbit: Teaching in Higher Ed Podcast

I have really enjoyed listening to the [Teaching in Higher Ed podcast](#). One episode is about the length of my commute, so it makes for good car listening. I've picked up so many gems and new ways of thinking about pedagogy from the show. In my day-to-day, most of what I do is very BME-focused, so I find it refreshing that this podcast brings in experts from all different disciplines for new perspectives.

Submitted by: Sarah I. Rooney, Associate Professor, University of Delaware

2. International Handbook of Engineering Education Research

This new, "open-access" handbook provides a broad overview of contemporary research on engineering education and its practical application. Contents include:

- Sociocognitive and affective perspectives on engineering education
- Technology and online learning in engineering education
- Cultural and ethical issues including diversity, equity, and inclusion in engineering education
- Curriculum design, teaching practices, and teacher education at all levels
- Research methods and assessment in engineering education

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/decommittee/blog/>

Position Announcements

1. University of Southern California: Lecturer or higher rank in Biomedical Engineering

The Alfred E. Mann Department of Biomedical Engineering (<https://bme.usc.edu/>) in the USC Viterbi School of Engineering (<https://viterbischool.usc.edu/>) at the University of Southern California in Los Angeles, California, seeks applications for a teaching position (Lecturer or higher rank) to teach undergraduate and graduate students in courses. This is a full-time, benefits-eligible, teaching-track faculty position on the non-tenure track. We are seeking candidates to teach at the undergraduate and graduate levels and who can contribute to the diversity and excellence of the USC academic community. Applicants must have a Ph.D. in a relevant field (e.g. biomedical engineering, electrical engineering, mechanical engineering). The selected candidate will be responsible for teaching the undergraduate capstone design course, including developing and managing interactions with industrial and clinical partners for student projects. The candidate will also teach courses on other BME topics including, but not limited to, medical electronics and medical devices for undergraduate and graduate students.

Full details and application information can be found on the USC website at: <https://usccareers.usc.edu/job/los-angeles/open-rank-lecturer-of-biomedical-engineering/1209/51797103872>

2. University of Michigan: Lecturer III in Biomedical Engineering

https://careers.umich.edu/job_detail/237070/leo-lecturer-ii

The Department of Biomedical Engineering at the University of Michigan in Ann Arbor (bme.umich.edu), a joint department between the College of Engineering and the Medical School, is seeking to fill a full-time lecturer position. We seek applications from individuals in all areas of biomedical engineering that will contribute to our educational mission. We are particularly interested in applicants who can:

1. Instruct and coordinate labs for one or more 200-level core courses, which may include circuits and systems, biochemistry and thermodynamics, and biomechanics.
2. Instruct and provide mentorship in one or more of our design courses, which may include modeling, simulation, and computational software, and design-build-test of biomedical devices, combination products, or other medical technologies.
3. Contribute broadly to the teaching and educational mission of the Department.

For more information and to apply, please see this [link](#).

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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