

[bio_div] ASEE BED Announcements: 8/1/24

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Cc: Childers, Rachel <childers.73@osu.edu>

Dear BED Members:

Sorry to miss the BED announcements on the 15th, my automated message did not send while I was out of the country. I hope you all get to take some time away from work this summer like I did. Here's a quick set of announcements below.

Rachel Childers
2024 ASEE BED Division Chair
The Ohio State University, childers.73@osu.edu

This email has been sent using the Biomedical Engineering Division ASEE listserv. Please do not respond to this email address. Responses can be sent to childers.73@osu.edu

ASEE BED Announcements for 7/15/24

Red = last time announcement is included in newsletter

Congratulations Corner

1. Dr. Casey Ankeny promoted to Professor of Instruction!
2. Dr. David O'Neill promoted to Professor of Instruction!
3. Dr. Brian Helmke was inducted as Fellow of the American Institute for Medical and Biological Engineering.
4. Submit Your Accomplishments

Announcements

1. Call for papers – Journal of Biomedical Engineering Education (Optional abstract due today!)

Participate

1. Survey on BME Capstone/Senior Design
2. BE NSPIRE - Biomedical Engineering Network of Students and Post-docs in Research and Education

Learn

1. Biomedical Engineering Education Community (BEEC) Resources
2. ASEE Commission on Diversity, Equity, and Inclusion (CDEI)- Virtual Workshop Recordings

Open Positions

1. Lecturer, Purdue BME in Indianapolis

Call for Newsletter Content

Congratulations Corner

1. **Casey J. Ankeny, PhD** is a Professor of Instruction at Northwestern University. Currently, she is investigating cyber-based student engagement and ungrading strategies in flipped and traditional biomedical engineering courses. She aspires to understand and improve student attitude, achievement, and persistence in inclusive, student-centered courses.
2. **David O'Neill** is a Professor of Instruction and the Michael Jaharis Director of Experiential Learning for the Biomedical Engineering Department at Northwestern University. His interests include the formation of engineering identity and increasing synopticism at a curricular level.
3. **Brian Helmke** was recently inducted into the American Institute for Medical and Biological Engineering (AIMBE). He was recognized as a Fellow of AIMBE for leading the call to integrate evidence-based teaching practices into technical biomedical engineering education to advance engagement and equity.
4. **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. Biomedical Engineering Education announces a special call for papers focused on computing in biomedical engineering education. We aim to solicit papers from a wide range of courses and programs, spanning introductory and advanced college courses that have a computing or programming element, K-12 outreach, "boot camps," hackathons, community partnerships, and other co- and extracurricular experiences, as well as evolving topics such as data science and generative AI. Submission guidelines and details on paper types can be found at: <https://www.springer.com/journal/43683/submission-guidelines>. Submission of manuscript is due October 15, 2024.

Participate

1. **Survey on BME Capstone/Senior Design** - Nicole Ramo, an assistant professor at West Chester University (WCU), is surveying the structure of capstone/senior design courses across various BME programs. The primary motivation is to inform the refinement of the capstone experience for students and faculty in the new BME program at WCU. The survey should take 5 - 10 minutes to complete: https://wcupa.co1.qualtrics.com/jfe/form/SV_bw2U3vPPdi4gsbc. Please contact Nicole Ramo (nramo@wcupa.edu) with any questions.
2. **BE NSPIRE - Biomedical Engineering Network of Students and Post-docs in Research and Education: Mission** - A Biomedical Engineering Hub for Connecting Minds and Advancing Knowledge for Transformative Educational Experiences. We are a hub for students/post-docs to engage in research discussions, novel teaching practices, and networking opportunities in Biomedical Engineering. Our online forums, workshops, seminars, and collaborative initiatives will unite the next generation of Biomedical Engineering educators. Please [use this link](#) to join our Slack! If you have any further questions, concerns, or comments please contact: be.nspire0@gmail.com

Learn

1. **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!
2. **ASEE Commission on Diversity, Equity, and Inclusion (CDEI)- Virtual Workshop Recordings**
 - Check out Virtual Workshop Recordings on CDEI's [YouTube Playlist](#)
 - LinkedIn: https://www.linkedin.com/company/asee_cdei/
 - Twitter: [@ASEEDiversity](https://twitter.com/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 PU 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. **Lecturer, Purdue BME in Indianapolis** (https://careers.purdue.edu/job/Lecturer%2C-BME-Purdue-in-Indianapolis/32088-en_US) The Weldon School of Biomedical Engineering at Purdue University invites applications for a Lecturer position to support instruction on the Indianapolis campus (www.purdue.edu/campuses/indianapolis/). This is a full-time, academic year, non-tenure track position at the Indianapolis location, effective Fall 2024. The position is renewable based upon satisfactory performance review, staffing needs, and funding. The successful candidate will be expected to provide instructional support for the Weldon School's program by teaching courses from the Biomedical Engineering curriculum and contributing to ongoing course development. The position includes the following duties:
 - Teaching up to 3 courses per semester in large-enrollment courses
 - Working with staff and TAs and assisting in coordinating courses
 - Participating on BME Undergraduate and Graduate Curriculum Committees and contributing to ongoing curriculum development
 - Collaborating with other faculty to assist in course development and ensure consistency across sections offered at West Lafayette and Indianapolis locations.
 - Supervising multiple teams of Engineering Projects in Community Service (EPICS) and Vertically Integrated Projects (VIP) sections, as needed.

- Assisting with other duties related to teaching and mentoring students, as needed.

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 this information to Rachel Childers at childers.73@osu.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>).

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(She/Her) | [Student Hours Link](#)



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