

[bio_div] ASEE BED Announcements: 7/1/24

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Dear BED Members:

New week, new month, new newsletter writer! I had a great time seeing many of you at the ASEE Annual Conference in Portland last week! I hope you enjoyed it just as much as I did. If you didn't get a chance to join the conference, this newsletter has a few of the highlights and ways to participate before the next conference.

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

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ASEE BED Announcements for 7/1/24

Red = last time announcement is included in newsletter

Congratulations Corner

1. 2024 Annual Conference BED Best Paper Award
2. 2024 Annual Conference BED Best DEI Paper Nominee
3. 2024 Annual Conference BED Best Work in Progress Award (2 winners this year!)
4. 2024 Biomedical Engineering Teaching Award
5. 2024 Theo C. Pilkington Outstanding Educator Award
6. 2024 Biomedical Engineering Lifetime Faculty Mentor Award
7. Submit Your Accomplishments

Announcements

1. ---

Participate

1. Join the BED mentorship program for the 2024-2025 academic year!
2. **BE NSPIRE - Biomedical Engineering Network of Students and Post-docs in Research and Education**

Learn

1. Resources from our Special Session "Empowering Biomedical Engineering Educators: Navigating Education Funding Opportunities for Innovation & Growth "
2. Biomedical Engineering Education Community (BEEC) Resources
3. ASEE Commission on Diversity, Equity, and Inclusion (CDEI)- Resources and Opportunities

Open Positions

1. **University of Michigan: Lecturer in Biomedical Engineering Design**

Call for Newsletter Content

Congratulations Corner

1. **Best Paper Award:** *The Best Paper Award recognizes the best paper presented in a session sponsored by the Biomedical Engineering Division during the ASEE Annual Conference & Exposition and published in the Annual Conference & Exposition proceedings.*
 - **Dr. Rebecca Anne Scott** (University of Oklahoma), Dr. Alex Nelson Frickenstein (University of Oklahoma), Dr. Stefan Wilhelm (University of Oklahoma). "Longitudinal Analysis of Strategies for Improving Biomedical Engineering Student Knowledge of Career Paths and Desired Skillsets"
2. **BED Nominee for ASEE Best DEI Paper Award:** *This paper exemplifies the best of diversity, equity, and inclusion efforts by members of the Biomedical Division.*
 - Jennifer M Hatch (Indiana University-Purdue University Indianapolis), Dr. Steven Higbee (Indiana University-Purdue University Indianapolis), Ms. Danka Maric (Indiana University-Purdue University Indianapolis), and Dr. Sharon Miller (Purdue University) "Work in Progress: A Multi-level Undergraduate Curricular Approach to Exploring Health Equity in Biomedical Engineering Solutions"
3. **Best Work in Progress Award:** *The Best Work in Progress Award is presented annually and recognizes the best Work in Progress presentation in a session of the ASEE Annual Conference & Exposition that is sponsored by the Biomedical Engineering Division. This year was a tie!*
 - **Dr. Michael Gordon Browne** (The University of Illinois Chicago), Dr. Anthony E. Felder (The University of Illinois Chicago), and Adrian P. Defante. "Development of a Domain-Agnostic Standards Curriculum in Partnership with a Medical Device Manufacturer"
 - **Dr. Sarah Ilkhanipour Rooney** (University of Delaware) and Mrs. Shameeka M Jelenewicz (University of Delaware) "Development of a Medical Devices Course for Sophomore Biomedical Engineering Undergraduate Students"
4. **Biomedical Engineering Teaching Award:** *This award is conferred by the Biomedical Engineering Division 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.*
 - **Dr. Huiliang (Evan) Wang**, Assistant Professor in Biomedical Engineering, University of Texas at Austin.
5. **Theo C. Pilkington Outstanding Educator Award:** *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. 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.*
 - **Dr. Miiri Kotche**, Richard and Loan Hill Clinical Professor in Biomedical Engineering and Associate Dean for Undergraduate Affairs in the College of Engineering at the University of Illinois at Chicago
6. **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.*
 - **Dr. Ann Saterbak**, Director of the First-Year Experience in the Pratt School of Engineering and Professor of the Practice in the Department of Biomedical Engineering, Duke University.
7. **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. ---

Participate

1. The **BED mentorship program** for the 2024-2025 academic year will start this fall! To sign up, please use this link: https://riceuniversity.co1.qualtrics.com/jfe/form/SV_bPiQrw9LRE1sLLU
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. Resources from our Special Session "Empowering Biomedical Engineering Educators: Navigating Education Funding Opportunities for Innovation & Growth"
 - a. Access this link to see notes and key takeaways from our panel and small group discussion related to different areas of funding for BME educators: <https://tinyurl.com/BEDFunding>
 - b. Access this link to see different funding sources as well as contact information of BED members willing to discuss their experience acquiring funding: <https://tinyurl.com/FundingDB>. Feel free to add your own contact information if you have had success with funding and are willing to provide advice to other BED members about your experience.
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)- Resources and Opportunities**
 - [CDEI's best paper award resources](#) - information on the award, recorded workshops, a rubric and scoresheet
 - Check out [Virtual Workshop Recordings](#) on CDEI's [YouTube Playlist](#)
 - i. [Navigating Diversity, Equity, and Inclusion in Engineering Education: A Pedagogical Response to ABET's Program Criteria](#)
 - ii. [STEM equity and decolonization: How do I even do that?](#)
 - Browse (and contribute to) the [CDEI Blog](#)
 - Join [CDEI's LinkedIn](#)
 - Follow CDEI on X (Twitter): @ASEEDiversity

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 Michigan: Lecturer in Biomedical Engineering Design:** Applications are invited for a Lecturer (full-time teaching faculty) in the Biomedical Engineering (BME) Design Program at the University of Michigan. The successful candidate will be part of a dedicated teaching team focused on experiential learning, engineering design, and professional development of biomedical engineers. Click [HERE](#) to view the full posting.

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.

Rachel Childers, Ph.D.

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



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