

[bio_div] ASEE BED Announcements: 3/15/24

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

Dear BED Members:

Spring is around the corner! I hope you're able to take time to refresh over whenever your Spring Break hits.

Happy early Nowruz for those who celebrate!

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

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 sirooney@udel.edu.

ASEE BED Announcements for 3/15/24

Red = last time announcement is included in newsletter

Congratulations Corner

1. **Dr. Casey Ankeny: Appointed to Assistant Dean**
2. Submit Your Accomplishments

Announcements

1. ---

Participate

1. **BEEC Share and Learn: Entering Leadership Roles in BME Education**
2. **BE NSPIRE - Biomedical Engineering Network of Students and Post-docs in Research and Education**
3. ASEE BED Education Showcase- Call for Participation
4. **FIE 2024 – Call for Abstracts for Papers/Special Session/Workshops/Panels**
5. **FIE 2024 – Call for Reviewers**

Learn

1. **Tidbit: Qualitative coding and thematic analysis in Microsoft Word**
2. Biomedical Engineering Education Community (BEEC) Resources
3. ASEE Commission on Diversity, Equity, and Inclusion (CDEI)- Virtual Workshop Recordings

Open Positions

1. **Union College: Visiting Assistant Professor**
2. **The Ohio State University: Tenure-Track Associate Professor in Engineering Education**
3. **Purdue Indianapolis: BME Instructional Lab Supervisor**
4. **Boston College: Teaching Track Faculty Position in Engineering**

Call for Newsletter Content

Congratulations Corner

1. Dr. Casey Ankeny: Appointed to Assistant Dean

Congratulations to Dr. Casey Ankeny, Associate Professor of Instruction, Northwestern University! Dr. Ankeny has been [appointed as an Assistant Dean](#) for the School of Engineering, overseeing all departmental master's programs and leading new programmatic review initiatives.

2. 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. BEEC Share and Learn: Entering Leadership Roles in BME Education

Please join us at our next BEEC Share and Learn! This is a brown bag virtual event to share ideas and collaborate with your colleagues. This Month's Lead: Rachael Schmedlen, PhD, University of Michigan; Michele Grimm, PhD, University at Albany; Renata Ramos, PhD, Rice University. Title: "Entering Leadership Roles in BME Education"
Where: Zoom – Register Here - <https://uci.zoom.us/meeting/register/tJwsc-muqz0tGtN3sHhQUA7K5uTKm0ILRDLY>
Zoom Link: <https://uci.zoom.us/j/98140656707>
When: Thursday, March 21st 1-2pm EST
For more information about the Share and Learn series and the BEEC community, please check out our website: <https://beecvirtual.org/>

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

3. ASEE BED Education Showcase- Call for Participation

Attending ASEE 2024 in Portland? Have a classroom activity to share with the BED? Keep reading to learn how to sign up for a low stakes (but fun!) ASEE BED session where you can share an effective BME classroom activity with others.

The 2nd annual BME Education Showcase is Recruiting Participants: BME educators will get 5 minutes to demonstrate their most effective classroom activities, such as icebreakers, hands-on activities, team building, classroom demonstrations, technology tips, classroom DEI initiatives, low-cost solutions/activities, or pedagogical strategies. No idea is too small! Last year was a blast and we are looking to continue to build excitement around the small (but mighty) things we do in our classrooms. And – as a bonus – we encourage participants to list your involvement on your CV. The Showcase will be held during the ASEE annual conference on Tuesday, June 25, 2024. There will be an expectation to make your materials available to the BED community after the conference

Submit your idea [here](#) by May 3rd, 2024

Presenters chosen will be notified by June 1, 2024

Google Form link: <https://forms.gle/LiBeFHC28c2hBous9>

4. FIE 2024 – Call for Abstracts for Papers/Special Session/Workshops/Panels

[The 2024 Frontiers in Education \(FIE\) Conference](#) will be in Washington DC this year at the Washington Hilton from October 13 to 16, 2024. This prominent international event is dedicated to advancing educational innovations and research in engineering and computing education, leading the world to the development of new research insights and educational approaches. The theme for the conference is "Embracing the challenges and transforming engineering and computing education in a technology-enhanced world." FIE 2024 continues its long tradition of disseminating groundbreaking results in engineering and computing education and offers an ideal forum to share ideas, stay informed about the latest developments, and interact with colleagues across various disciplines. We extend a warm invitation to all our colleagues to join us in Washington DC from October 13 to 16, 2024, showcasing their research and fostering meaningful connections.

This year's co-hosts include: the University of Oklahoma-Tulsa Polytechnic Institute, the University of Cincinnati College of Engineering and Applied Science, and the University of Nebraska-Lincoln College of Engineering.

We invite you to submit abstracts for papers, pre-conference workshops, panels/student panels, and special sessions of interest using the [abstract submission link](#). Check the Conference webpage for the most current information on submission dates.

5. FIE 2024 – Call for Reviewers

[The 2024 Frontiers in Education \(FIE\) Conference](#) will be in Washington DC this year at the Washington Hilton from October 13 to 16, 2024. The Technical Program Chairs invite you to serve as a reviewer for the conference. Reviewers play a crucial role in ensuring the quality and integrity of our conference proceedings. Your expertise, time, and dedication are essential in maintaining the high standards of FIE and our academic community.

By volunteering to be an FIE Reviewer, you:

- Contribute to the advancement of scientific research;
- Have access to the latest scientific research in your area long before it is published;
- Improve your writing and that of others; and
- Become part of the community at one of the most prestigious international engineering and technology conferences.

To recognize, as well as show our appreciation for the service our reviewers provide, each reviewer will receive a Review Certificate from the 2024 FIE Conference at the completion of the review process. The certificate can serve as a tangible token of recognition and be included in reviewers' professional portfolios, resumes, and Web of Science Review Dashboard ([click here](#) for more information). Knowing your vital efforts help shape the success of our conference, we thank you in advance for your thoughtful consideration to serve as an FIE reviewer.

Directions to become a FIE 2024 reviewer:

1. To create an EDAS account OR login to an existing account and find your EDAS Identifier, [click here](#).
2. Once you have an EDAS Identifier, [click here](#) to sign-up to be a reviewer.

After completing the form in 2), you will receive an email from fie2024-chairs@edas.info (i.e., the EDAS system) with a link and instructions to setup your reviewer profile. This process is not automatic, so there may be a delay of 24-48 hours after completing the form to get the invitation.

Learn

1. Tidbit: Qualitative coding and thematic analysis in Microsoft Word

I recently watched [this video](#) on how to perform qualitative coding and thematic analysis in Word. I thought it was a helpful technique for those who do not have a license to a qualitative data analysis program like NVivo.

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

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. Union College: Visiting Assistant Professor

The Department of Electrical, Computer and Biomedical Engineering at Union College invites applications for a 3-year Visiting Assistant Professor of Biomedical Engineering position, beginning Fall 2024. A Ph.D. in Biomedical Engineering or a closely related field is required. Candidates expecting to complete their doctoral thesis before September 2024 are also welcome to apply. Excellent candidates in all areas of Biomedical Engineering will be considered, but preference will be given to candidates with expertise in biomechanics, rehabilitation engineering, or biomaterials.

Please follow the application submission instructions. Increasing diversity and inclusiveness is a critical priority for Union and we expect applicants to address how they can further this goal in their cover letter. Applications should include a CV, a teaching statement, and a research statement. The teaching statement should include a reflection on the candidate's teaching experience and ideas for how they might contribute to the diversity and inclusivity of students, educational experiences, and offerings at Union College. The research statement should address how the candidate will include undergraduate students in their scholarly activities. You will be asked to include names and contact information for three references and an email will be sent to references requesting a letter of recommendation after an initial screening. Review of complete applications will begin March 15, 2024 and continue until the position is filled.

Apply using this [link](#).

Contact Dept Chair Jenn Currey ecbechair@union.edu with any questions.

2. The Ohio State University: Tenure-Track Associate Professor in Engineering Education

The Ohio State University's Department of Engineering Education is seeking to fill two tenure-track, associate professor positions to start August 2024. This unique opportunity aims to grow EED's tenure-track/tenured faculty through the addition of established scholars and leaders who bring unique prior academic experiences gained through non-tenure-track roles. The associate professors would be expected to have existing, externally funded research in engineering education. They will be given a four year tenure-track timeline where they must demonstrate an ability to obtain continued external funding to support their research, mentor and engage with graduate students within the engineering education Ph.D. program, teach courses offered by the department, provide academic leadership, and engage in service to internal and external communities. Prior demonstrated administrative leadership experience, either at the department or college level, is desired. *Review of applications will begin on 3/22/24 and continue until the position is filled.*

For questions regarding this position, please contact co-Search Committee Chairs Monica Cox (cox.1192@osu.edu) and Lynn Hall (hall.1812@osu.edu).

3. Purdue Indianapolis: BME Instructional Lab Supervisor

The primary responsibility of the Instructional Lab Supervisor will be the instruction and implementation of instructional laboratory courses for the Weldon School of BME in Indianapolis. This includes sophomore and junior-level instructional lab courses, as well as the Junior and Senior Design courses. The Lab Supervisor will order, store, and maintain laboratory materials, equipment, and specimens, including live cultures. This includes both mammalian and bacterial cell cultures. The Lab Supervisor will also maintain all laboratory spaces and equipment in a clean, safe, and functional condition. Additionally, the Lab Supervisor will assist faculty in curriculum development, laboratory protocol testing, and written manual preparation. This position will supervise and train both graduate and undergraduate level laboratory teaching assistants in course and safety protocols, oversee course grading, and will maintain course documentation for ABET accreditation.

[https://careers.purdue.edu/job/Indianapolis-Instructional-Lab-Supervisor-\(Indianapolis\)-IN-46201/29653-en_US/](https://careers.purdue.edu/job/Indianapolis-Instructional-Lab-Supervisor-(Indianapolis)-IN-46201/29653-en_US/)

Questions: Dr. Steve Higbee, shigbee@iupui.edu

4. Boston College: Teaching Track Faculty Position in Engineering

The Department of Engineering in the Morrissey College of Arts and Sciences at Boston College invites applications for a non-tenure-track teaching faculty position in the areas of energy, environment, and health at the Assistant or Associate Professor of the Practice rank. Launched in Fall 2021, the Department of Engineering offers a Human-Centered Engineering major (B.S. in Engineering). The program positions students to tackle the technological, human, and societal dimensions of major global challenges in health, energy, and the environment by integrating Boston College's liberal arts foundation, engineering science and fundamentals, entrepreneurial practices, design and systems thinking, and service-oriented project experiences. Applicants must possess a doctorate in an engineering discipline by the start date of the position. We seek faculty candidates who are committed to innovative undergraduate engineering education, and driven by a desire to have a positive impact in both the academy and the wider society. Successful candidates will demonstrate potential for innovative curriculum development, and excellence in teaching and mentoring of undergraduate students, and will be committed to creating inclusive and equitable learning opportunities for all students.

Apply using this [link](#).

Please direct questions to search committee chair, Siddharta Govindasamy (govindsi@bc.edu).

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](#)