

[bio\_div] ASEE BED Announcements: 3/1/24

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Fri 3/1/2024 10:52 AM

To: bio\_div@asee.org <bio\_div@asee.org>

Dear BED Members:

Happy March! We have a lot jam-packed in this set of announcements, including a new group for graduate students and post-docs. Check it out!

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 [srooney@udel.edu](mailto:srooney@udel.edu).

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**ASEE BED Announcements for 3/1/24**

Red = last time announcement is included in newsletter

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**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. ASEE Listserv Change**

Beginning Wednesday, February 21, 2024, any emails sent to an ASEE listserv (like these announcements!) will come from [noreply@asee.org](mailto:noreply@asee.org). If you wish to respond to the message's author, you will need to manually copy the sender's email into the To field instead of hitting reply.

**2. PEER DOI numbers**

The papers in PEER now have DOI numbers assigned to them. This should help with searching for specific papers.

**Participate**

**1. 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](mailto:be.nspire0@gmail.com)

**2. 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>

### 3. 5th BMES Council of Chairs Biomedical Engineering Educational Summit

May 29-31, 2024

New Jersey Institute of Technology, Newark, NJ

Registration open through February 16, 2024

Conference Website: <https://biomedical.njit.edu/fifth-biomedical-engineering-education-summit>

For information email: [bme@njit.edu](mailto:bme@njit.edu)

Travel Awards: We anticipate NSF funding for broadening participation (about 20). Faculty interested in receiving a travel award, please submit the following at the time of registration to [bme@njit.edu](mailto:bme@njit.edu): (1) a biosketch, (2) a short statement describing your interest in the Summit, including your interest in biomedical engineering education and expected benefits attending this conference, and (3) reasons for receiving an award. The four co-chairs of the conference will review these applications after the registration deadline.

Broadening Participation: Please share this announcement broadly. There are many biomedical 'programs' that are not separate BME departments. In some cases, they do not have representation on the CoC since they are not a distinct department. We wish to reach out to these programs to participate in this Summit whereas they would not normally be able to attend.

### 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](mailto: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/](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. Virginia Tech: Instructor - Bioinstrumentation Laboratory

The Department of Biomedical Engineering and Mechanics (BEAM) at Virginia Tech invites applications for a full-time non-tenure track instructor position to begin in August 2024. Duties will primarily include teaching undergraduate bioinstrumentation laboratory courses in biomedical engineering. Additional opportunities are to teach other undergraduate courses in biomedical engineering based on area of technical expertise and department need. If you have any questions, please contact Dr. Sara Arena ([sarena@vt.edu](mailto:sarena@vt.edu)).

Link: <https://careers.pageuppeople.com/968/cw/en-us/job/528469/instructor>

Initial Review Date: March 14, 2024

### 2. 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](mailto:ecbechair@union.edu) with any questions.

### 3. 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](mailto:cox.1192@osu.edu)) and Lynn Hall ([hall.1812@osu.edu](mailto:hall.1812@osu.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](mailto: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](#)