

Dear BED members:

One thing Aileen did not tell me about taking over the newsletter is that it makes you hyper aware of how quickly 2 weeks can pass! If you're like me, you've hit the part of the semester where you feel like you're running around "like a chicken with your head cut off." Also, don't be like me and drink too much coffee, then find yourself volunteering to lead your department through a capstone-style brainstorming session ☺ By the way, if anyone has a favorite brainstorming activity to suggest (bonus points if tried and true on a room full of academics), I'm all ears!

Please see below some announcements and opportunities in the Biomedical/Bioengineering community. See you in 2 weeks!

All the best,

Tanya Nocera, BED Division Chair
The Ohio State University



BED Announcements for 2/1/23

General Announcements (e.g. upcoming Webinars, upcoming seminars, upcoming grants, publication opportunities, etc.)

1. **CALL FOR NEWSLETTER CONTENT:** ASEE BED Bi-monthly Newsletter
2. **CALL FOR PARTICIPATION:** ASEE COMMISSION ON DIVERSITY, EQUITY AND INCLUSION (CDEI)

BME Education Resources for You

1. **CALL FOR PARTICIPATION:** Biomedical Engineering Education Community (BEEC) <http://beecvirtual.org/>
 - a. **Teaching Tuesdays** (Every Tuesday in Slack!)
 - b. Join the **February Share and Learn** (February 15, 2023, 1-2pm EST)

Position Announcements

1. **POSITION ANNOUNCEMENT:** Biomedical Engineering Communications Faculty, Department of Biomedical Engineering and Mechanics (BEAM), Virginia Tech
2. **POSITION ANNOUNCEMENT:** 2 Lecturer Positions, Department of Mechanical Engineering, University of Colorado Boulder
3. **POSITION ANNOUNCEMENT:** Teaching Assistant Professor in Biomedical Engineering at UNC and NC State
4. **POSITION ANNOUNCEMENT:** The Department of Bioengineering at the University of Washington is seeking a full-time Lecturer (12 month appointment)
5. **POSITION ANNOUNCEMENT:** Active Learning Initiative Postdoctoral Fellowships in Biomedical Engineering at Cornell University

Engineering Education Resources

Check out the Keynote from the 2023 BEEC: DEIJ in BME Design by Aaron Kyle PhD (Duke)
- https://www.youtube.com/watch?v=CSP6VZD50_s

General Announcements

1. **CALL FOR NEWSLETTER CONTENT:** ASEE BED Bi-monthly Newsletter

As of 2021, the ASEE BED has started to share a bi-monthly newsletter with the community. We share general resources, BME Education Resources for Students and Faculty, Upcoming Positions, Engineering Education Research Resources. Information will be shared in consecutive emails. If you have information to share with the community, please send your announcement to the BED listserv, as 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 Tanya Nocera at nocera.15@osu.edu with [BED Announcement] in the subject line to facilitate email sorting. Announcements will be sent out on approximately the 1st and 15th of each month. Each set of announcements will be included

in the announcements email 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>).

2. CALL FOR PARTICIPATION: ASEE COMMISSION ON DIVERSITY, EQUITY AND INCLUSION (CDEI)

- **Upcoming Workshop:** Contemplative Pedagogies: A Way of Belonging and Becoming in STEM Education **2/17 @ 2PM Eastern:** <https://diversity.asee.org/deicommitee/2023/01/20/contemplative-pedagogies-a-way-of-belonging-and-becoming-in-stem-education/>
- **CDEI Awards nominations** are due on **February 8, 2023** for the ASEE Best Diversity Equity and Inclusion Paper Award and the ASEE Constituent Award.
 - **Learn more here:** <https://diversity.asee.org/deicommitee/awards/>
- **Looking for volunteers** especially in these committees:
 - Outreach, Communications (Spotlight), and Awards
<https://diversity.asee.org/deicommitee/join-a-committee/>
- **Check out CDEI's Blog:** <https://diversity.asee.org/deicommitee/blog/>
- **Join CDEI's LinkedIn:** https://www.linkedin.com/company/asee_cdei/

BME Education Resources for You

1. CALL FOR PARTICIPATION: Biomedical Engineering Education Community (BEEC) <http://beecvirtual.org/>

a. **Teaching Tuesdays!**

Over on the BEEC slack channel, we are having monthly discussions around a different topic.

Come join the conversation! Link can be found on the BEEC website: <http://beecvirtual.org/>

b. **February's Share and Learn: 2/15/23, 1-2pm EST - brown bag collaborations, share ideas with your colleagues**

This Month's Leads: Aileen Huang-Saad, Northeastern University and Karin Jensen, University of Michigan

Prompt: "Publishing Teaching Tip Articles"

Where: Zoom – Register

Here <http://beecvirtual.org/beecshareandlearns.html>

Position Announcements

1. **POSITION ANNOUNCEMENT:** Biomedical Engineering Communications Faculty, Department of Biomedical Engineering and Mechanics (BEAM), Virginia Tech

The Department of Biomedical Engineering and Mechanics (BEAM) at Virginia Tech invites applications for a full-time, non-tenure track faculty position at the instructor or

collegiate assistant professor level to lead communications programs for BEAM undergraduate students in design and research with consideration to a range of platforms (e.g. papers, presentations, graphic design, materials for conferences, etc...), audiences, and settings. This individual will also contribute to student professional development (such as job application portfolios and interview skills) and pedagogical practices of the department and have the opportunity to contribute to existing coursework in engineering design and practice and collaborate in the department's efforts in enhancing experiential learning opportunities for students pending if the individual has technical and/or engineering background. <https://careers.pageuppeople.com/968/cw/en-us/job/522976/communication-faculty>

2. POSITION ANNOUNCEMENT: The [Department of Mechanical Engineering at the University of Colorado Boulder](#) is currently hiring for two lecturer positions starting in Fall 2023! We're looking for candidates with expertise in material science, mechanics, manufacturing, design, and/or thermo-fluids. This is a 1-2 year appointment designed as a post-grad teaching opportunity to follow a PhD. The selected candidates will join a faculty team that is passionate about delivering high quality teaching and will have the opportunity to start their careers in the foothills of the Rocky Mountains.

Link to job posting: <https://jobs.colorado.edu/jobs/JobDetail/Lecturer-in-Mechanical-Engineering/43296>

We are reviewing candidates on an ongoing basis and recommend applying by the end of January for full consideration. Please feel free to reach out to me directly at Katherine.mcconnell@colorado.edu with any questions.

3. POSITION ANNOUNCEMENT: Teaching Assistant Professor in Biomedical Engineering at UNC and NC State: The Joint Department of Biomedical Engineering at the University of North Carolina and North Carolina State University invites applicants for a teaching focused, full-time Teaching Assistant Professor position. The Teaching Assistant Professor will teach introductory and upper level courses in the areas of electronics and bioinstrumentation.

More information can be found at: <https://unc.peopleadmin.com/postings/246141>
If you have questions, please contact lacartee@email.unc.edu.

4. POSITION ANNOUNCEMENT: The Department of Bioengineering at the University of Washington is seeking a full-time Lecturer (12 month appointment) with an anticipated start date between June and August 2023. For more information, see our [job ad](#), and contact Wendy Thomas at wendyt@uw.edu with any questions.

The new lecturer will teach bio-design courses in which the students solve problems in collaboration with clinical or industry partners, and will collaborate with our Justice, Equity, Diversity and Inclusion (JEDI) committee to integrate JEDI into the design process.

The priority consideration deadline is February 28, 2023, so I hope you can forward this quickly to TAs or other graduate students or postdocs who are on the job market for next year, and especially to any who have taught design, are active in JEDI activities, and/or whose research is focused on clinical and/or industry collaborative design.

5. POSITION ANNOUNCEMENT: Active Learning Initiative Postdoctoral Fellowships in Biomedical Engineering at Cornell University

Applications are being sought for Postdoctoral Fellows in Engineering Education in the Meinig School of Biomedical Engineering at Cornell University. These Fellows will take a leading role in the design, implementation, and assessment of a transformational pedagogical strategy for Biomedical Engineering curriculum to be tested through remodeling of a 5-course core sequence. Successful candidates will co-design, implement and evaluate a unique Studio Pedagogy in collaboration with instructional faculty and teaching assistants in partnership with faculty in the Department of Architecture. They will create and implement new integrated classroom training activities, lecture materials, and assessments that will be tested and improved between courses and over semesters. Further, Fellows will design innovative individualized training resources to complement classroom learning and preparation. They will co-lead educational activities with faculty, teaching assistants and support staff. This rich educational environment will support rigorous engineering education research evaluating student and faculty shifts in learning and teaching. They further will engage with departmental faculty who have established engineering education expertise. Finally, Fellows will participate in Cornell's nationally-recognized community engagement and educational outreach programs.

Training Opportunities:

Scaffolding this Fellowship is a rich and vibrant academic, educational, and community-engaged network cultivated by world class education and training institutes, including the Active Learning Initiative, Cornell Center for Teaching Innovation, Engaged Cornell, and the Data and Science Institute. Further, these fellowships are supported with travel to Engineering Education conferences for training, presenting of research, and professional development.

Position Requirements:

- PhD in an engineering or design-related degree earned no earlier than January 1, 2018
- Training in biomedical science, molecular/cellular biology, or related disciplines
- Prior experience in modeling, simulation, and/or coding
- Prior experience assisting in teaching of engineering courses

Please refer to the job ad for more information and to apply: <https://academicjobsonline.org/ajo/fellowship/21746>. You can contact Jonathan Butcher at jtb47@cornell.edu with any questions.

Engineering Education Research

Did you miss BEEC 2023

Here's a link to the Introduction (including some great resources/opportunities), plus the **Keynote by Aaron Kyle, PhD** from Duke on "Incorporating Diversity, Equity, Inclusion and Justice into BME Design"

https://www.youtube.com/watch?v=CSP6VZD50_s Enjoy ☺

To send an announcement to the BED listserv, 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 Aileen Huang-Saad at nocera.15@osu.edu with **[BED Announcement] in the subject line** to facilitate email sorting. Announcements will be sent out on the 1st and 15th of each month. ***Each set of announcements will be included in the announcements email 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>).