

Dear BED members:

Hello, and Happy 2023! I hope you all were able to take some time to rest, relax, and enjoy the holidays with family and friends.

It is an honor to take over the bi-monthly BED Newsletter from its founder, Dr. Aileen Huang-Saad – thank you Aileen for all your hard work in establishing this awesome resource for our community! I hope I can do it justice. Any future newsletter content may be sent directly to me at [nocera.15@osu.edu](mailto:nocera.15@osu.edu).

Please see below some announcements and opportunities to kick off the new year. I will look forward to being in touch again later this month.

All the best,

Tanya Nocera, BED Division Chair

The Ohio State University

## ACADEMIC WORDLE



PHDCOMICS.COM

## BED Announcements for 1/15/23

**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 CDEI Team/Committee
3. **CALL FOR PARTICIPATION:** Submit to share DEI resource/experience (especially blog post)

### **BME Education Resources for You**

1. **CALL FOR PARTICIPATION:** Biomedical Engineering Education Community <http://beecvirtual.org/>
  - a. **Teaching Tuesdays** (Every Tuesday in Slack!)
  - b. Join the **January Share and Learn** (January 18th, 2023, 1-2pm EST)

### **Position Announcements**

1. **POSITION ANNOUNCEMENT:** Professor of the Practice of Biomedical Engineering any level in Biomechanics at Duke University
2. **POSITION ANNOUNCEMENT:** Biomedical Engineering Communications Faculty, Department of Biomedical Engineering and Mechanics (BEAM), Virginia Tech
3. **POSITION ANNOUNCEMENT:** 2 Lecturer Positions, Department of Mechanical Engineering, University of Colorado Boulder

### **Engineering Education Research**

1. [Learning in Landscapes of Practice: Boundaries, identity, and knowledgeability in practice-based learning](#); A colleague in OSU's Engineering Education Department recommended this text recently, and I thought others may find it interesting also. "These narratives locate the book within different contemporary concerns such as social media, multi-agency, multi-disciplinary and multi-national partnerships, and the integration of academic study and workplace practice."

\*\*\*\*\*

## **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](mailto: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:** Join a Commission on Diversity, Equity and Inclusion (CDEI) team/committee <https://diversity.asee.org/deicommitee/join-a-committee/>

**3. CALL FOR PARTICIPATION:** Submitting to share DEI resource/experience (especially blog posts) <https://docs.google.com/forms/d/e/1FAIpQLSfG1ZhVEHFPNDHWDpiMdx5kfOaUZf0go-JxmBXD9-F6NZ2rBQ/viewform>

***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. January's Share and Learn: 1/18/23, 1-2pm EST - brown bag collaborations, share ideas with your colleagues**

This Month's Lead: Jenny Amos, University of Illinois Urbana-Champaign

Prompt: "Funding Opportunities in Engineering Education"

Where: Zoom – Register Here <https://uci.zoom.us/j/91238560515>

***Position Announcements***

**1. POSITION ANNOUNCEMENT:** Professor of the Practice of Biomedical Engineering any level in Biomechanics at Duke University

The Duke University Department of Biomedical Engineering is looking for a teaching interested faculty member in the field of modern biomechanics to join our ranks. See below for more information and view the link at [academic jobs online](#).

Job Title:

Professor of the Practice of Biomedical Engineering any level in Biomechanics at Duke University

The Department of Biomedical Engineering and the Pratt School of Engineering at Duke University invite applicants for a teaching track (Professor of the Practice) faculty position in contemporary Biomechanics.

We anticipate hiring at the Assistant Professor of the Practice level, although truly exceptional candidates may be considered at the level of Associate or Full Professor of the Practice. Applicants with industry background are particularly encouraged to

apply. Where appropriate, hiring and recruitment will be coordinated as a joint effort with other departments or research centers at Duke University.

By the time of hiring, candidates are expected to have been awarded a doctoral degree in a quantitative field and have significant (>2 years) teaching experience. The ideal candidate will have commitment, passion, and excellence in teaching in a collegial, collaborative community. Candidates should be dedicated to teaching that expands scientific boundaries in service to society and to educating a broad and diverse group of students at both the undergraduate and graduate levels.

Duke University and the Pratt School of Engineering are strongly committed to advancing equity, inclusion, diversity, and community throughout our research, teaching, and service activities. We aspire to create a community built on collaboration, innovation, creativity, and belonging. Our collective success depends on the collegial exchange of ideas - an exchange that is best when the rich diversity of our perspectives, backgrounds, and experiences flourishes. To achieve this exchange, it is essential that all members of the community feel valued and welcome, that the contributions of all individuals are respected, and that all voices are heard. All members of our community are expected to uphold these values, and we seek to hire faculty who are passionate about working to increase the participation and success of individuals from groups underrepresented in engineering and science

Review of applications will start immediately, and applications received before December 15th, 2022 will receive priority consideration. Applications will continue to be reviewed until the position is filled. We expect to hire for the Fall 2023 semester, although we may extend offers to highly qualified individuals who may not be available for a fall start due to postdoctoral research commitments. Questions regarding this search should be directed to Dr. Libby Bucholz at [tbmepopsearch@duke.edu](mailto:tbmepopsearch@duke.edu).

Application Materials Required:

Submit the following items to complete your application:

- Cover Letter
- Curriculum Vitae (including a link to the applicant's Google Scholar page)
- Teaching Statement
- Statement on diversity, equity, inclusion and community
- Example syllabus
- Referee List (names and email addresses of at least three references). Note that letters of recommendation will not be accepted unless specifically requested.

**2. 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>

**3. 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](mailto:Katherine.mcconnell@colorado.edu) with any questions.

***Engineering Education Research Resources***

1. [Learning in Landscapes of Practice: Boundaries, identity, and knowledgeability in practice-based learning](#); A colleague in OSU's Engineering Education Department

recommended this text recently, and I thought others may find it interesting also. “These narratives locate the book within different contemporary concerns such as social media, multi-agency, multi-disciplinary and multi-national partnerships, and the integration of academic study and workplace practice.”

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](mailto: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>).