

## NEWS OF THE WEEK

OCTOBER 24, 2022

### CBE IN THE NEWS

- [Updates regarding the COVID-19 vaccine](#)
- [Congratulations to Professor LaShanda Korley for her election as a 2022 American Physical Society \(APS\) Fellow!](#)
- [The new energy frontier](#)

### DEPARTMENT'S SEMINAR/EVENTS:

- **CBE Seminar Series**  
**Dr. Victoria Muir, Princeton University**  
Friday, October 28, 2022  
10:00 AM in 102 CLB and via ZOOM: <https://udel.zoom.us/j/91314568641>  
[Bioengineering with Granular Hydrogels](#)
- **CBE BIO Seminar**  
**Dr. Shishir Chundawat, Rutgers University**  
Wednesday, November 2, 2022  
11:00 AM in 366 CLB and via Zoom: <https://udel.zoom.us/j/96004735568>  
[Glyco-Engineering for a Cleaner, Healthier, & Sweeter Future](#)

### OTHER DEPARTMENT'S SEMINAR/EVENTS:

- **Department of Biological Sciences**  
**Dr. Kari F. Lenhart, Drexel University**  
Monday, October 24, 2022  
1:30 PM in 318 WLF  
and via Zoom: <https://udel.zoom.us/j/97982856296>  
[Modified cytokinesis in stem cell coordination and tumorigenesis in the Drosophila testis](#)
- **Astronomy on Tap**  
**Dr. Judi Provencal and Dr. Patrick Stanley**  
Tuesday, October 25, 2022  
6:30 PM at The Green Turtle (250 S. Main St., Newark, DE)
- **Materials Science and Engineering Seminar**  
**Dr. Martin Thuo, North Carolina State University**  
Wednesday, October 26, 2022  
11:15 AM in 104 CLB and via Zoom: <https://udel.zoom.us/j/95912850886>  
Password: MSEGSEM  
[Nanointerfaces-Driven Frugal Engineering](#)
- **Biomedical Engineering Seminar**
  - **Raviraj (Ravi) Nataraj, Stevens Institute of Technology**  
Friday, October 28, 2022  
10:30 AM in 140AB BPI or via Zoom: <https://udel.zoom.us/j/97918813993>  
Password: seminarBME  
[Personalizing Sensory-driven Computerized Interfaces for Motor Rehabilitation](#)
  - **Warren Grayson, Johns Hopkins University**  
Friday, November 4, 2022  
10:30 AM in 140AB BPI  
[Exploring Neurovascular Interactions in Musculoskeletal Tissue Regeneration](#)
- **Plant & Soil Sciences Seminar**  
**Dr. Shirley Micallef, University of Maryland**  
Friday, November 4, 2022  
12:20 PM in TNS  
[Plant Traits and Responses that Modulate Salmonella-Plant Interactions](#)
- **Computer & Information Sciences Seminar Series**  
**Carla Brodley, Northeastern University**  
Wednesday, November 9, 2022  
11:15 AM in Mitchell Hall  
[Broadening Participation in Computing by Opening New Pathways to the BS, MS and PhD](#)

### DESCA EVENTS:

- **Ready to Lunch Seminar**  
Tuesday, November 1, 2022 @ 5:30 PM  
5:30 PM in the UD Career Center  
Post-docs, graduate students, and undergraduate students can expect networking, professional development, and food catered by Caffè Gelato at our upcoming event with Croda. Learn about the company, participate in a panel discussion for Q&A, and break into small groups for networking. Students will need to [RSVP](#). We have limited seating in the room and need to ensure we have enough food for everyone. If you have questions, please refer to [the flyer](#) and/or reach out to Eric Steinman at [steinman@udel.edu](mailto:steinman@udel.edu).

### JOBS/RECRUITING

- **University of Arkansas**  
**Position:** [Assistant Professor](#)  
**Req. #:** R0023385  
**Brief Description:** The Ralph E. Martin Department of Chemical Engineering at the University of Arkansas invites applications for a tenure-track faculty appointment at the rank of Assistant Professor within the College of Engineering. The salary will be nationally competitive and commensurate with the candidate's experience. Highly qualified candidates will be considered for appointment to an endowed professorship. Preference will be given to candidates that align with the current strengths of the department including chemical hazard consequence assessment, advanced separations and membranes, cellular engineering, energy, material science and engineering, data science/computational chemical engineering, nanotechnology, and water.
- **University of Kansas**
  - **Position:** [Assistant Professor](#)  
**Brief Description:** The Department of Chemical and Petroleum Engineering (CPE) at the University of Kansas (KU) invites applications for a full-time tenure track position at the Assistant Professor rank. We welcome applications from candidates with expertise in either experimental or computational research that will complement the department and university's current strengths in areas of energy & sustainable environmental technologies and/or biotechnology. Candidates who can strengthen existing research programs and centers in biomaterials, biotechnology, catalysis, energy and sustainability or process systems engineering are especially encouraged to apply.
  - **Position:** [Asst/Assoc Teaching Professor](#)  
**Brief Description:** The Department of Chemical and Petroleum Engineering at the University of Kansas (KU) is seeking outstanding candidates for an Assistant/Associate Teaching Professor starting in Fall 2023. Appointment level will be based on an applicant's scholarly and teaching record. All Teaching Professor positions, regardless of rank, are non-tenured positions appointed for a three-year limited term period. Due to the percentage of effort focused upon instructional duties, all applicants must possess outstanding teaching skills and teach a minimum of two regularly scheduled classes per semester.
- **Northeastern University**  
Northeastern University seeks faculty candidates for tenured or tenure-track appointments at the assistant, associate, or full professor levels. Appointments will be primarily or fully in the College of Engineering within the Departments of Bioengineering, Civil and Environmental Engineering, Chemical Engineering, Electrical and Computer Engineering, and Mechanical and Industrial Engineering. This position has potential for both joint cross-department appointments and joint cross-college appointments in the College of Science, College of Social Sciences and Humanities, College of Arts, Media and Design, or the D'Amore-McKim School of Business.
  - **Position:** [Assistant/Associate/Full Professor – College of Engineering – Biological Systems and Solutions](#)
  - **Position:** [Assistant/Associate/Full Professor – College of Engineering – Food, Energy, Water Nexus](#)
  - **Position:** [Assistant/Associate/Full Professor – College of Engineering – Sustainability and Resilience](#)
  - **Position:** [Assistant/Associate/Full Professor – College of Engineering – Modeling](#)
- **Tulane University**
  - **Position:** [Tenure-track Assistant Professor](#)  
**Brief Description:** The Chemical & Biomolecular Engineering Department at Tulane University seeks outstanding candidates for an opening at the rank of Assistant Professor. Competitive applicants will demonstrate research excellence and a commitment to teaching at the undergraduate and graduate levels. This search is focused on candidates with a background in life science. Of particular interest are candidates whose labs utilize computational methods/tools in life sciences, with an emphasis in computational systems biology and its application in Chemical Engineering. The Department currently has 12 faculty, 40 PhD students, and approximately 100 undergraduate students. Tulane's Chemical & Biomolecular Engineering Department is research active, offering B.S., M.S., and Ph.D. degrees.
  - **Position:** [Open Rank, Tenured/Tenure-Track](#)  
**Brief Description:** The Chemical & Biomolecular Engineering Department at Tulane University seeks outstanding candidates for an open rank position. Exceptional candidates at the Associate or Full Professor level may be considered for the Catherine and Henry Boh Professorship in Chemical and Biomolecular Engineering. Competitive applicants will demonstrate internationally recognized research excellence and a commitment to teaching at the undergraduate and graduate levels. This search is focused on candidates with a background in life science, although strong applicants in all areas will be considered. The Department currently has 12 faculty, 40 PhD students, and approximately 100 undergraduate students. Tulane's Chemical & Biomolecular Engineering Department is research active, offering B.S., M.S., and Ph.D. degrees.

Available positions can be found on the [Chemical & Biomolecular Engineering opportunity website](#), so be sure to check it regularly.