

NEWS OF THE WEEK

OCTOBER 06, 2025

CBE NEWS:

- Congratulations to Victoria Muir on her selection for the 2025 John C. Chen Early Career Leadership Scholarship! Family and friends of the late Dr. Chen established this scholarship to pay lasting tribute to his influence on chemical engineering education and practice and his passion for supporting the professional development of future leaders of AIChE.
- [How sighing regulates pulmonary surfactant structure and its role in breathing mechanics | Science Advances](#). UD's contributions to the work are the development of the novel interfacial rheometer, together with scientists at the ETH-Z that enabled this measurement, as well as direct participation in the neutron reflectometry measurements that revealed the molecular structure during sighing.
 - Hear the podcast highlighting Maria, a Ph.D. student at ETH-Z [HERE](#).
 - Read the article about the instrument [HERE](#).
- New [Master's in Electrochemical Engineering](#). UD offers the nation's first Master of Science in Electrochemical Engineering –an interdisciplinary program built to meet rising demand in hydrogen, battery, and solar energy systems. Drawing on our expertise in chemical engineering, mechanical engineering, electrical engineering, and materials science.

DEPARTMENT SEMINAR/EVENTS:

- **Fall 2025 CBE Seminar Series**
Starting at 10:15 AM in 102 Colburn (*unless otherwise noted)
 - **October 24, 2025**
Matthew Gebbie, University of Wisconsin-Madison
[Exploring how Ionic Correlations Influence Ion Transport and Electron Transfer in Electrochemical Systems](#)
 - ***October 27, 2025 | Seminar at 9:00 AM at 140 AP Bio**
Leslie Yeo, Royal Melbourne Institute of Technology
[High Frequency Cell Mechanostimulation](#)
Co-hosted by Delaware Center for Musculoskeletal Research (DCMR)
 - **December 5, 2025**
Christian Pester, University of Delaware
[Engineering of Functional Polymer Coatings – from Self-healing to Photocatalysis](#)

OTHER DEPARTMENT SEMINAR/EVENTS:

- **11th Annual RUR Conference 2025**
[Regional Undergraduate Research Conference](#)
Saturday, November 1, 2025 at 8:00 AM at DE State University
The conference invites all disciplines and the call for abstracts. We encourage students to submit abstracts for posters or papers.

JOBS/RECRUITING

- **University of Texas at Austin**
Position: [Assistant Professor of Chemical Engineering](#)
Brief description: The McKetta Department of Chemical Engineering at The University of Texas Austin has an opening with a start date of Fall 2026 for a tenure-track assistant professor. Candidates will be considered whose research makes connections to biotechnology and/or materials engineering. Candidates are encouraged to view these areas in the broadest sense in determining whether their application would be a match.
- **University of Cincinnati**
Position: [Assistant Professor, Environmental Engineering](#)
Brief description: The University of Cincinnati (UC) Department of Chemical and Environmental Engineering (ChEE) invites applications for an environmental engineering tenure-track Assistant Professor position. The appointment is expected to begin August 15, 2026.
- **Georgia Tech**
Position: [Faculty Openings](#)
Brief description: The School of Chemical and Biomolecular Engineering (chbe.gatech.edu) at the Georgia Institute of Technology in Atlanta, GA invites applications for a tenure-track faculty position in Chemical and Biomolecular Engineering. Applicants will be considered at all ranks. All areas of chemical and biomolecular engineering are of interest. Candidates are expected to teach and mentor a diverse student body. Along with undergraduate and graduate teaching, each position requires a balance of research and service responsibilities.
- **University of Kentucky**
Position: [Assistant Professor in Chemical Engineering](#)
Brief description: The Department of Chemical and Materials Engineering at the University of Kentucky is a dynamic community of scholars committed to advancing research and education at the intersection of chemical sciences, materials innovation, and engineering practice. With nationally recognized research programs in energy, sustainability, advanced materials, and biotechnology, the department fosters a highly collaborative environment that spans multiple colleges and university centers, including the Membrane Science and Technology Center and the Beam Institute.
- **University of Alabama**
Position: [Faculty positions in Chemical and Biological Engineering](#)
Brief description: The University of Alabama has more than 175 years of engineering education experience. UA's College of Engineering is committed to conducting leading-edge research, providing unparalleled educational opportunities and investing in students who will be the scholars and industry professionals shaping the future of the field of engineering. Research is a critical component of our mission as the flagship university in the state of Alabama.
- **Rice University**
Position: [Assistant Professor of Chemical and Biomolecular Engineering](#)
Brief description: The Department of Chemical and Biomolecular Engineering at Rice University, located in Houston, TX, seeks applications for one tenure-track Assistant Professor position with an anticipated start date of July 1, 2026. We encourage candidates who focus on the area of biomolecular engineering with broad applications in life science, materials, and energy to apply. Areas of interest include, but are not limited to, synthetic biology, protein engineering, metabolic engineering, bioelectronics, bioenergy, and biomanufacturing. This search is also aligned with departmental priorities in molecular nanotechnology, soft matter and energy, as well as university-wide initiatives such as the Rice Synthetic Biology Institute (RSBI) and the graduate program in Systems, Synthetic and Physical Biology.

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