

NEWS OF THE WEEK

OCTOBER 27, 2025

CBE NEWS:

- New [Master's in Electrochemical Engineering](#).

DEPARTMENT SEMINAR/EVENTS:

- **Fall 2025 CBE Seminar Series**
Starting at 10:15 AM in 102 Colburn (*unless otherwise noted)
 - ***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](#)
- **CCST Seminars**
 - **CCST-CPI Seminar**
October 28, 2025 at 10:00 AM in 366 CLB
Seetha Coleman-Kammula and Jimmy Murillo-Gelvez, PFAS Solutions
[Enhanced Sorption and Desorption of PFAS via Swellable Ionomers and All-aqueous Regeneration Solutions](#)
 - **October 30, 2025 at 10:00 AM in 366 CLB**
XiaoXiao Qiao and Maggie Fox, Cell Press
[Publishing Your Research and the Editorial Process](#)
 - **October 31, 2025 at 2:00 PM in 366 CLB**
Prof. Matthias Thommes, Friedrich-Alexander University, Erlangen-Nürnberg /FAU
[Insights into the Adsorption and Phase Behaviour of Fluids in Nanoporous Materials: Towards an Advanced Textural and Surface Characterization](#)
- **IEDH, CBE, & BME Sponsored Seminar**
October 28, 2025 at 3:30 PM in 140 BPI
Gregg Duncan, Ph.D., UD IEDH Visiting Fellow
University of Maryland, College Park, MD
[Engineering Mucus and Innate Lung Defense](#)

OTHER DEPARTMENT SEMINAR/EVENTS:

- **CAS - Chemistry Seminar**
October 29, 2025 at 4:00 PM in 219 BRL
Heather Clark Ph.D., Arizona State University
[Nanosensors for Imaging the Chemistry of the Body](#)
- **3Peak**
October 30, 2025 at 10:00 AM
Facilitator: Dr. Mazen R. Harb
[Post-Grad Transitions](#)
[Register](#) to attend this Zoom session
- **MSEG Seminar Series**
 - **Ayana Ghosh, Oak Ridge National Laboratory**
Wednesday, October 29, 2025 at 10:30 AM in 322 ISE
[Physics-guided AI for complex materials](#)
 - **Co-sponsored by CHARM**
Benjamin McDonald, Brown University
Wednesday, November 19, 2025 at 10:30 AM in 322 ISE
[Molecular Design of Processes and Polymers for Bioinspired Soft Materials](#)
- **COE Inaugural Lecture Series**
Thursday, November 6, 2025, at 4:00 PM at Mitchell Hall, Reception to follow in Du Pont Hall Lobby
Yu-Ping “Yo” Ching, Edward C. Davis Professor of Civil, Construction and Environmental Engineering
[Dissolved Organic Matter: One of the Largest and Most Poorly Understood Reservoirs of Carbon on the Planet](#)
[Register](#) to attend by October 30th.
- **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.
- **CEE Kerr Lecture**
November 10, 2025 at 3:00 PM in Trabant Theater
Desirée Plata, Ph.D., MIT
[Material Innovation Through Environmental Design](#)

JOBS/RECRUITING

- **Stanford**
Position: [Lecturer in Chemistry](#)
Brief description: The Stanford Chemistry Department invites applications for a Ph.D.-level Lecturer position to begin September 1, 2026 to join a team of 4 other Lecturers in the Department. The candidate should have a strong background in any area of chemistry and a passion for teaching. This position is a full-time, 9-month, fixed-term, full-benefit appointment, with the possibility of optional summer teaching opportunities.
- **Purdue University**
Position: [Assistant Professor of Advanced Chemistry](#)
Brief description: Purdue University invites applications for multiple tenured or tenure-track faculty positions as part of a multi-department strategic faculty recruitment initiative in Advanced Chemistry, Science and Engineering. This strategic initiative will help position Purdue as a global leader in clean and sustainable chemistry innovations with the ultimate goal of reshoring the manufacturing of critical chemicals and materials. Participating departments include: Chemistry, Biochemistry, Chemical Engineering, Medicinal Chemistry and Molecular Pharmacology, and Agricultural and Biological Engineering.
- **University of California, Santa Barbara**
Position: [Assistant Professor of Bioengineering 2025-26](#)
Brief description: Engineering for and from biology provides new solutions to improve human, environmental, and global health. The questions of who designs these solutions, who we engineer for, and how these solutions impact society are important to our faculty. UC Santa Barbara understands that this is too important to the future of our society to be left to a single discipline or limited population -- and the Department of Bioengineering and our faculty are ready to address these questions head-on in authentic partnership with thought leaders across our campus and the world. We especially encourage candidates who will benefit from interaction with several established and growing initiatives on campus, including our strength in shared use facilities.
- **NC State University**
Position: [Open Rank - Assistant/Associate/Professor](#)
Brief description: The Department of Chemical and Biomolecular Engineering at NC State University seeks highly qualified candidates to fill multiple tenure-track and/or tenured faculty positions. These positions will complement departmental strengths in biomanufacturing and engineering life sciences, energy and sustainability, materials, and data and computational engineering. Applicants must have earned a Ph.D. degree in chemical engineering or a closely related field with a clearly demonstrated record of excellence. We particularly encourage applications in the areas of biomanufacturing, energy and sustainability, and semiconductor manufacturing, with particular emphasis on integration of AI technology in these fields.
- **Washington State University**
Position: [Assistant/Associate/Full Professor](#)
Brief description: The Gene and Linda Voiland School of Chemical Engineering and Bioengineering (VSCEB) is hiring for a tenure-track faculty position at the Assistant, Associate, or Full Professor level. The VSCEB is recruiting for multiple ranks depending on the candidate's qualifications (refer to the required and preferred qualifications section). As the successful candidate you are expected to establish a dynamic, externally funded, nationally recognized research program, teach core and elective undergraduate and graduate courses in chemical engineering, mentor a diverse group of students, perform professional service, and publish scholarly work.

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