

NEWS OF THE WEEK

SEPTEMBER 29, 2025

CBE NEWS:

- [New Leadership for the Center for Catalytic Science & Technology](#)
- [New neutron spin echo spectrometer \(v-NSE\) at the NIST Center for Neutron Research](#)
- [How sighing regulates pulmonary surfactant structure and its role in breathing mechanics | Science Advances](#)

DEPARTMENT SEMINAR/EVENTS:

- Fall 2025 CBE Seminar Series**
Starting at 10:15 AM in 102 Colburn (**unless otherwise noted*)
 - October 3, 2025**
Ana Inés Torres, Carnegie Mellon University
[Modeling and Optimization Formulations for the Analysis and Design of Circular Economy Networks](#)
 - 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](#)
- CCH Seminar**
Yu Huang, University of California, Los Angeles
Thursday, September 18, 2025 at 10:00 AM in 127 MEM
[Accelerating Catalyst Design for Sustainable Energy Future](#)

OTHER DEPARTMENT SEMINAR/EVENTS:

- AIM, CPI EFRC, & NRT Outreach Webinar Series**
Dr. Mary Rose, University of Texas in Austin
Tuesday, September 30, 2025 starting at 4:00 PM virtually
The Artificially Intelligent Manufacturing (AIM) Paradigm for Composites EFRC Center, Center for Plastics Innovation (CPI) EFRC Center and Inverse Design Training in Advanced and Sustainable (IDeAS) Composites NSF Research Traineeship are excited to invite you to the next installment of the Season 3 of AIM EFRC, CPI, and IDeAS NRT Outreach Webinars Series.
- MSEG-CHARM Seminar**
Dr. Scott Milner, Penn State University
Wednesday, October 1, 2025 at 10:30 AM in 322 ISE
[Predicting structure and charge transport in semiconducting polymers](#)
- 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

- Pennsylvania State University**
Position: [Tenure-Line Faculty Position](#)
Brief description: The successful candidates are expected to teach courses at both undergraduate and graduate levels, to develop an internationally recognized, externally-funded research program, and to contribute to the operation and promotion of the department, college, university, and profession through service.
- Johns Hopkins University**
Position: [Faculty position in Chemical and Biomolecular Engineering](#)
Brief description: Candidates with research and teaching interests in Systems Theory (Design -from plant level to molecular- and/or Control) with a strong component in Data Science/Artificial Intelligence (DSAI) relevant to chemical and biomolecular engineering will be considered. Candidates in these areas will contribute to the Department of Chemical and Biomolecular Engineering and Johns Hopkins University community and mission to educate tomorrow’s leaders in ChemBE and pioneer technological advancements to address critical global challenges in energy, materials design, and precision medicine, to build a stronger, cleaner, and healthier future.

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