

## NEWS OF THE WEEK

SEPTEMBER 16, 2024

## DEPARTMENT'S SEMINAR/EVENTS

- [UD Leads Frontier Research on Plastics Problem](#)
- [2024 Plastino Scholars](#)
- [In Memoriam: Thanya Shemi](#)

## DEPARTMENT'S SEMINAR/EVENTS

- **CBE Seminar Series**  
at 10:00 AM in 102 Colburn Lab (unless otherwise noted)
  - **Evan Jahrman, National Institute of Standards & Technology**  
Friday, September 20, 2024  
“[New Tools for Catalysis at NIST-operated X-ray Beamlines](#)”
  - **Dimitris Vlassopoulos, University of Crete**  
Friday, October 11, 2024  
“[Exploring the Role of Macromolecular Loops in Tailoring the Properties of Soft Materials](#)”
  - **Shuwen Yue, Cornell University**  
Friday, October 18, 2024  
“[Physics-inspired Machine Learning Potentials for Thermodynamic and Dynamic Properties of Electrolyte Solutions](#)”
  - **Srikanth Pilla, University of Delaware**  
Friday, November 15, 2024  
“[Atoms to Autos: Bridging Fundamental Science with Applied Engineering to Enable Sustainable Technologies Transforming the Mobility Industry](#)”
  - **Yeongseon Jang, University of Florida**  
Friday, December 6, 2024  
“[Engineering Globular Protein Vesicles for Protein-Powered Synthetic Minimal Cells](#)”

## OTHER DEPARTMENT'S SEMINAR/EVENTS

- **Organic Chemistry Seminar**  
**Dr. Rebekka Klausen, Johns Hopkins University**  
September 18, 2024 at 4:00 PM in 219 BRL  
“[Synthesis of Macromolecular Silanes](#)”

## JOBS/RECRUITING

- **Auburn University**  
**Position:** [Assistant/Associate/Full Professor](#)  
**Posting #:** P1821F  
**Brief description:** The Auburn University Department of Chemical Engineering invites applications for multiple tenure-track faculty positions with an anticipated start date of August 2025. Although the areas of expertise are open, priority will be given to candidates in catalysis, computational catalysis, and process systems engineering areas with a sustainability focus. The individuals selected for these positions will be expected to contribute to the growth of at least one of the department's strategic focus areas: energy and environment, advanced materials, computer-aided chemical engineering, and pharmaceutical/biomedical engineering. While our primary focus is hiring at the Assistant Professor level, appointment of Associate or Full Professor rank is possible commensurate with experience and qualifications.
- **University of Wisconsin – Madison**  
**Position:** [Assistant/Associate/Full Professor](#)  
**Job #:** 305241-FA  
**Brief description:** The Department of Chemical and Biological Engineering seeks applicants at all ranks with a distinguished academic record and exceptional potential for creative research that applies chemical engineering methodologies to solve sustainability problems. In particular, the department seeks candidates that will advance chemical- and bio-technologies to further carbon capture and catalytic conversion for sustainable production of fuels, chemicals, and materials.
- **Texas A&M University**  
**Position:** [Tenure-Track: Assistant Professor – Chemical Engineering](#)  
**Job #:** 305241-FA  
**Brief description:** The Artie McFerrin Department of Chemical Engineering, College of Engineering at Texas A&M University invites applications for a full-time, tenure-track, assistant professor position with a 9-month, academic appointment, and the possibility of an additional summer appointment contingent upon need and availability of funds, beginning Fall 2025. The successful applicant will be required to teach; advise and mentor graduate students; develop an independent, externally funded research program; participate in all aspects of the department's activities; and serve the profession.
- **University of Virginia**  
**Position:** [Open rank tenured or tenure-eligible position in Chemical Engineering](#)  
**Brief description:** The School of Engineering & Applied Science (SEAS) at the University of Virginia (UVA) seeks candidates for a tenure-eligible or tenured position in the Department of Chemical Engineering (<https://engineering.virginia.edu/department/chemical-engineering>). The primary responsibilities for this position include research, teaching, and service to the department, university, and professional community. The appointment rank and compensation will be commensurate with experience and qualifications.
- **Massachusetts Institute of Technology**  
**Position:** [Assistant Professor](#)  
**Brief description:** The Massachusetts Institute of Technology (MIT), Department of Chemical Engineering (<https://cheme.mit.edu/>) in Cambridge, Massachusetts invites candidates for tenure-track faculty positions starting July 1, 2025, or on a mutually agreeable date thereafter. Appointment will be at the assistant professor level. In special cases, however, an untenured associate or senior faculty appointment may be possible, commensurate with experience. Candidates must have a Ph.D. in chemical engineering or a related field by the start of employment.
- **Florida A&M University**  
**Position:** [Open Rank Professor](#)  
**Brief description:** The Department of Chemical & Biomedical Engineering (CBE) at the Florida A&M University (FAMU)-Florida State University (FSU) College of Engineering invites applications from highly qualified individuals for a tenure track faculty position in biomedical engineering, in the city of Tallahassee, Florida. Successful candidates are expected to develop research programs that are internationally recognized with significant and sustained funding, incorporate interdisciplinary collaboration with researchers across campus, and demonstrate a strong commitment to excellence in education. Teaching undergraduate and graduate courses and supervising undergraduate, graduate and post-doctoral researchers are expected.
- **University of Notre Dame**
  - **Position:** [Tenure-track Assistant Professor in Biomolecular Engineering](#)  
**Brief description:** The Department of Chemical and Biomolecular Engineering (<http://cbe.nd.edu>) at the University of Notre Dame invites applications for a tenure-track assistant professor from individuals with specific research interests at the broad intersection of biology and chemical engineering. The successful candidate will lead a research program that addresses forefront problems in biomolecular, biochemical, biomedical, biotechnology, or bioprocess engineering, including but not limited to: systems biology, immunoengineering, synthetic biology, metabolic engineering, biomanufacturing, protein engineering, drug discovery, neural engineering, biomaterials, diagnostics, microbial engineering, and data science.
  - **Position:** [Open-Rank/Tenured Faculty Position in Biomolecular Engineering](#)  
**Brief description:** The Department of Chemical and Biomolecular Engineering (<http://cbe.nd.edu>) at the University of Notre Dame invites applications for an open-rank/tenured position from established individuals with specific research interests at the broad intersection of biology and chemical engineering. Outstanding candidates are encouraged to apply. The successful candidate will lead a research program that addresses forefront problems in biomolecular, biochemical, biomedical, biotechnology, or bioprocess engineering, including but not limited to: systems biology, immunoengineering, synthetic biology, metabolic engineering, biomanufacturing, protein engineering, drug discovery, neural engineering, biomaterials, diagnostics, microbial engineering, and data science.
  - **Position:** [Tenure-track Assistant Professor in Chemical and Biomolecular Engineering: Energy & Sustainability](#)  
**Brief description:** The Department of Chemical and Biomolecular Engineering (<http://cbe.nd.edu>) at the University of Notre Dame invites applications for a tenure-track junior position from individuals with research interests in forefront problems in chemical engineering aligned with broad department priorities in energy and sustainability and emerging applications of data science. Topics of interest include but are not limited to electrical and chemical energy storage, electrification of chemical processes, catalysis, renewable energy, sustainable fuels, sustainable processes, systems engineering, and materials development.
  - **Position:** [Open-Rank/Tenured Faculty Position in Chemical and Biomolecular Engineering: Energy & Sustainability](#)  
**Brief description:** The Department of Chemical and Biomolecular Engineering (<http://cbe.nd.edu>) at the University of Notre Dame invites applications for an open-rank/tenured position from established individuals with research interests in forefront problems in chemical engineering aligned with broad department priorities in energy and sustainability and emerging applications of data science. Topics of interest include but are not limited to electrical and chemical energy storage, electrification of chemical processes, catalysis, renewable energy, sustainable fuels, sustainable processes, systems engineering, and materials development.

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