

## NEWS OF THE WEEK

OCTOBER 14, 2024

## DEPARTMENT'S SEMINAR/EVENTS

- **CNS & the Delaware Space Grant Consortium Seminar**  
Dr. Olfa D'Angelo, Institut Supérieur de l'Aéronautique et de l'Espace ISAE-SUPAERO in Toulouse, France  
Monday, October 21, 2024 at 2:00 PM in 102 CLB  
["Going Against Gravity- How Do Granular Materials Flow Outside Earth's Gravitational Pull?"](#)
- **CBE Seminar Series**  
at 10:00 AM in 102 Colburn Lab (*unless otherwise noted*)
  - **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 EVENTS:

- **MSEG Fall 2024 Seminar Series**
  - **Gabriel Sanoja, The University of Texas at Austin**  
October 23, 2024 at 10:30 AM in 322 ISE  
"Reversible Deactivation Radical Copolymerizations: A Tool to Tailor the Architecture and Mechanical Properties of Soft Polymer Networks"
  - **Steven Spurgeon, University of Colorado**  
October 30, 2024 at 10:30 AM in 322 ISE  
"From Chaos to Clarity: Autonomous Materials Discovery for Extreme Environments"
- **CCM Seminars**
  - **AIM for Composites Webinar Series**  
**Eric Foltz, M.S., The Madison Group**  
Monday, October 28, 2024 at 4:00 PM  
"A Perspective of Career Opportunities in Technical Consulting with Polymers and Manufacturing"  
[REGISTER](#) for this event
  - **CCM Seminar Speaker Series**  
**Dr. Nicholas Rorrer, National Renewable Energy Laboratory**  
Tuesday, November 12, 2024 at 11:00 AM  
in 101 Academy Street, Room 106  
"Scaling Recyclable and Dynamic Thermosets: From Beaker to Wind blade and Beyond"

## JOBS/RECRUITING

- **Johns Hopkins University**
  - **Position:** [Synthetic Biology Assistant Professor](#)  
**Brief description:** The Johns Hopkins University's Department of Chemical and Biomolecular Engineering seeks applicants a tenure-track/tenured faculty positions. Candidates with research and teaching interests in Synthetic Biology and Artificial Living Systems relevant to chemical and biomolecular engineering will be considered.
  - **Position:** [ChemBE Systems/Data Science/Artificial Intelligence Assistant Professor](#)  
**Brief description:** The Johns Hopkins University's Department of Chemical and Biomolecular Engineering seeks applicants a tenure-track/tenured faculty positions. Candidates with research and teaching interests in Systems/Data Science/Artificial Intelligence relevant to chemical and biomolecular engineering will be considered.
  - **Position:** [Tenure/Tenure-Track Faculty Position in Chemical Transformations for Renewable Energy and Sustainability](#)  
**Brief description:** The Ralph O'Connor Sustainable Energy Institute (ROSEI) in partnership with the Department of Chemical and Biomolecular Engineering (ChemBE) at the Johns Hopkins University (JHU) is inviting applications from outstanding faculty candidates at all levels for a tenure-track position in areas of chemical and biomolecular engineering. Candidates with interests in sustainable chemical transformations and fuels, clean energy harvesting, storage and conversions, carbon capture and utilization, or other energy/sustainability related areas are particularly encouraged to apply. Applications from both experimental and computational backgrounds are welcome. This recruitment is a part of a university-wide effort on building up a strong research cluster in energy and sustainability.
- **University of Arkansas**  
**Position:** [Assistant Professor of Chemical Engineering](#)  
**Brief description:** The Ralph E. Martin Department of Chemical Engineering at the University of Arkansas invites applications for a tenure-track faculty position at the rank of Assistant Professor within the College of Engineering. Applications from all research areas are welcome.
- **Syracuse University**  
**Position:** [Assistant Professor in Chemical Engineering](#)  
**Brief description:** The Department of Biomedical and Chemical Engineering (BMCE) at Syracuse University (<http://bmce.syr.edu/>) is seeking applicants for multiple tenure-track faculty positions at the Assistant Professor rank. Applicants should have a Ph.D. in chemical engineering or a closely related discipline. Priority research directions include process systems engineering and machine learning/AI-enabled innovations in chemical engineering, computational modeling of complex systems, advanced materials, electrochemistry, catalysis, and transport processes in complex fluids.
- **University of Cincinnati**  
**Position:** [Faculty Open Rank \(Tenure-Track\) – Chemical Engineering](#)  
**Brief description:** The Department of Chemical Engineering in the Grove School of Engineering at The City College of New York (CCNY) of the City University of New York (CUNY) is seeking highly qualified candidates for a full-time tenure-track faculty position to be filled at the Assistant, Associate, or Full Professor level, to begin in Fall 2025. Outstanding candidates in any research area will be considered. The department has identified the following research target areas: (i) materials engineering, (ii) renewable energy, (iii) environmental sustainability, (iv) energy systems integration, (v) bioengineering, and (vi) flexible manufacturing.
- **University of Massachusetts, Amherst**  
**Position:** [Assistant Professor \(TT\) – Chemical Engineering](#)  
**Brief description:** The Department of Chemical Engineering at the University of Massachusetts Amherst invites applications for a tenure-track faculty position at the assistant professor level. Under exceptional circumstances, highly qualified candidates at other ranks may receive consideration. The Department seeks scholars with research interests in catalysis and reaction engineering, transport and continuum-scale modeling, or process and systems engineering.
- **Colorado State University**  
**Position:** [Instructor/Assistant/Associate/Teaching Professor](#)  
**Brief description:** The Walter Scott, Jr. College of Engineering at Colorado State University invites dynamic and innovative educators to apply for full-time, career line faculty positions within our new common first-year engineering program. These positions are designed to empower students from all engineering disciplines as they embark on their academic journey. Faculty hired through this search will have an affiliated appointment in one of our traditional engineering departments (Mechanical, Electrical and Computer, Chemical and Biological, Biomedical, or Civil and Environmental Engineering), but will primarily teach foundational courses in the first-year curriculum, including courses in engineering fundamentals and engineering for grand challenges.

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