

## NEWS OF THE WEEK

OCTOBER 21, 2024

## DEPARTMENT'S SEMINAR/EVENTS

- **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”](#)
- **MSEG Fall 2024 Seminar Series**  
**Dr. William Ndugire, University of Massachusetts, Amherst**  
Tuesday, October 29, 2024 at 10:00 AM in 219 BRL  
[“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

- **University of Wyoming**  
**Position:** [Asst Professor – Chemical & Biomedical Engineering](#)  
**Brief description:** We invite applications for two School of Energy Resources (SER) faculty positions housed within the Department of Chemical & Biomedical Engineering (ChBE) at the University of Wyoming. One position is at the rank of Assistant Professor and one position is open rank, with rank commensurate with experience. These are 9-month, full-time, benefited, appointments with a start date of August 2025. The Assistant Professor position will be tenure-track and the open rank position will be tenure-track or tenured if at Associate or Full Professor rank.
- **University of Tennessee, Knoxville**  
**Position:** [Assistant Professor of Chemical and Biomolecular Engineering, Fall 2025](#)  
**Brief description:** The Department of Chemical and Biomolecular Engineering at the University of Tennessee, Knoxville invites applications for a tenure-track faculty position at the assistant professor level. All areas of chemical and biomolecular engineering are of interest. Successful candidates will demonstrate potential to develop an impactful research program, teach undergraduate and graduate courses, and engage in service to the department, university, and professional community. A Ph.D. or equivalent doctoral-level degree in chemical engineering or a related field is required.
- **Rowan University**  
**Position:** [Open Rank Tenure-Track/Tenured Faculty Position in Chemical Engineering](#)  
**Brief description:** The Department of Chemical Engineering at Rowan University invites applicants for tenure-track or tenured positions at the assistant, associate, or full professor levels. We welcome applicants in all areas related to Chemical Engineering, including chemical and process sustainability, renewable energy, pharmaceutical engineering, biological engineering, and advanced materials and manufacturing.
- **UMass Amherst**  
**Position:** [Associate/Full Professor – Biomedical/Chemical Engineering](#)  
**Brief description:** The Departments of Chemical Engineering (ChE) and Biomedical Engineering (BME) at the University of Massachusetts Amherst invite applications for a tenure-track faculty position at the Associate or Full Professor rank. The position will be a 50:50 joint appointment between ChE and BME. Individuals with research interests broadly across the entire intersection of ChE and BME will be considered.
- **University of Houston**  
**Position:** [Assistant or Associate Professor in Chemical & Biomolecular Engineering](#)  
**Brief description:** We are seeking faculty candidates who will develop an externally-funded research program in biomolecular engineering aimed at overcoming grand challenges in the broad field immunoengineering and immunotherapy. Examples of relevant focus areas include: (1) antibody discovery and development, (2) cell-based therapies, (3) vaccines or synthetic vaccinology including reverse vaccinology, and (4) immunomaterials for delivery. Expertise in cancer immunology and immunoengineering would be particularly desirable because it will maximize synergistic opportunities for innovative research with other UH researchers and researchers from the nearby Texas Medical Center, the largest medical complex in the world with researchers working at the forefront of the life sciences.
- **University of Mississippi**
  - **Position:** [Assistant Professor of Chemical Engineering](#)  
Brief description: The Department of Chemical Engineering at the University of Mississippi seeks to fill an open tenure track position at the Assistant Professor level. Responsibilities include teaching core undergraduate and graduate chemical engineering courses, building and maintaining an externally funded research program, disseminating scholarly work through peer-reviewed publications, and performing service to the department such as working with student organizations and developing curriculum; serving on university committees; and service to the community and profession. Although the area of teaching and research expertise is open, the successful candidate for each position will be required to contribute broadly to our chemical engineering programs, complement or supplement our existing areas of research expertise, and assist / mentor undergraduate chemical engineering students.
  - **Position:** [Instructional Assistant Professor of Chemical Engineering](#)  
**Brief description:** The Department of Chemical Engineering at the University of Mississippi invites applications for a permanent non-tenure track faculty position at the INSTRUCTIONAL ASSISTANT PROFESSOR level to begin in August 2025. Primary responsibilities will include instruction of undergraduate chemical engineering courses and may include participation in the management, supervision, and instruction of the undergraduate teaching laboratories. Additional duties may include advising student organizations and participation in recruiting and orientation events. The opportunity for advancement to the rank of Instructional Associate Professor and Instructional Professor is available.

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