

NEWS OF THE WEEK

MARCH 03, 2025

CBE NEWS:

- **Congratulations to Marianthi on her selection for the IChemE Sargent Medal!** The award recognizes 'outstanding research contributions to fundamental topics in process systems engineering...and impact on the use of process systems engineering methods in the pharmaceuticals and biopharmaceuticals industries.'
- UD alumnus **Sean Hunt** is featured in MIT Technology Review, "[A sustainable alternative to petrochemicals.](#)"

DEPARTMENT SEMINAR/EVENTS:

- **CBE Seminar Series | 102 CLB @ 9:00 AM** (unless otherwise noted)
 - **Styliani Avraamidou, University of Wisconsin-Madison**
Friday, March 21, 2025 in 102 CLB
["Towards Circular Food Supply Chains: Integrated Design of Food Packaging and Waste Management Infrastructures"](#)
 - **Sean Hunt, Solugen, Inc.**
Friday, April 11, 2025 in 102 CLB
["Scaleup in the Fast Lane: From idea to shipping 200 million pounds in under 8 years"](#)
 - **Han Li, University of California, Irvine**
Friday, April 18, 2025 in 102 CLB
["Engineering the Redox Chemistry of Life"](#)
 - **Jack A. Gerster Memorial Lecture**
Ashish Lele, CSIR-National Chemical Laboratory
Friday, April 25, 2025 in 102 CLB
["Role of clean hydrogen in India's energy transition – Opportunities and Challenges"](#)
 - **Carlos Rinaldi-Ramos, University of Florida**
Friday, May 2, 2025 in 102 CLB
["In Vivo Quantitative Tracking of Nanoparticles and Cell Therapies Using Magnetic Particle Imaging"](#)

OTHER DEPARTMENT EVENTS:

- **CPI Seminar**
Rekha Rao, Ph.D., Sandia National Laboratories
Tuesday, March 4, 2025 at 1:45 PM in 106 CCM
["A Coupled Computational Fluid Dynamic/Population Balance Method to Understand Microstructure: From Foam Manufacturing to Polymer Upcycling"](#)
- **NASA EPSCoR RID Seed Grant Program**
[2025-2026 Delaware NASA EPSCoR RID Seed Grant Program](#)
The NASA EPSCoR Program will sponsor a Research Infrastructure Development (RID) grant to the state of Delaware. A principal goal of the program is to develop competitive research and technology for the solution of scientific and technical problems in areas of strategic importance to NASA's mission: to pioneer the future in space exploration, scientific discovery, and aeronautics research. The Delaware NASA EPSCoR Seed Grant Program is aimed at promoting research and development in NASA-related areas among Delaware scientists and engineers. The goal is to stimulate scholarly initiatives by supporting junior faculty, researchers, and postdocs who have not yet received significant government funding. **Proposal deadline April 1, 2025.**
- **UD Graduate College**
[Spark! Symposium](#)
The Graduate College is seeking UD graduate student and postdoctoral scholar presenters for the spring 2025 Spark! Symposium, which will be held from 4-7 p.m. on April 9 at the Audion on the Science, Technology and Advanced Research (STAR) Campus.
- **DBI Bio-Imaging Center Hosted Workshop**
[Delaware CryoEM Workshop](#)
Join us for a cryoEM Workshop at the Bioimaging Center, featuring experts from the National Center for CryoEM Access and Training (NCCAT) ([NCCAT Website](#)). This workshop will cover key concepts, advice about sample preparation, and data analysis strategies, along with hands-on demonstrations.
 - Part 1 - Friday, May 8, 2025: Two Seminars on cryoEM
 - Part 2 - Tuesday, May 20, 2025: Hands on sample preparation workshop
 - Part 3 - Friday, May 30, 2025: Sample imaging, evaluation, & group discussions
 Interested [REGISTRATION](#) is required

JOBS/RECRUITING

- **Johnson & Johnson**
Position: [Co-op Opening](#)
Brief description: In this role, the co-op student will collaborate with a team of scientists on a fast-paced, high-impact project. We are ideally looking for students with a start date around April - May 2025 at the latest. The duration of the co-op is six months. Interested students can email Yen Tran (ytran@its.jnj.com).
- **Michigan Tech**
Position: [Assistant Teaching Professor or Professor of Practice](#)
Brief description: Michigan Technological University invites applications for an assistant teaching professor/professor of practice faculty position in the Department of Chemical Engineering. Applicants for the position are required to have a Ph.D. and/or an M.S. with significant industrial experience in chemical engineering or a closely related discipline by August 11, 2025. Successful candidates will have a strong commitment to undergraduate and graduate education with a student-centric, learner-oriented, experiential approach to instruction and mentoring, as well as developing innovative pedagogical methods.
- **West Virginia University**
Position: [Assistant Professor - Department of Chemical and Biomedical Engineering- 26089](#)
Brief description: The Biomedical Engineering Program in the Department of Chemical and Biomedical Engineering at West Virginia University (WVU) is soliciting applications for a tenure-track faculty position at the rank of Assistant Professor starting as early as Fall 2025. WVU provides strong support for the research work of its faculty, including start-up funds, renovated laboratory space and access to state-of-the-art core facilities, as well as mentorship opportunities for collaborations and individual professional growth.
- **NREL**
Position: [Postdoctoral Researcher – Recyclable polymer synthesis](#)
Brief description: The National Renewable Energy Laboratory (NREL) in Golden, Colorado, is the nation's primary laboratory for research, development, and deployment of renewable energy and energy efficiency technologies. The NREL mission is to develop renewable energy and energy efficient technologies and practices, advance related science and engineering, and transfer knowledge and innovation to address the nation's energy and environmental goals. A postdoctoral researcher role is available in NREL's Renewable Resources and Enabling Sciences Center.

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