

NEWS OF THE WEEK

FEBRUARY 17, 2025

CBE IN THE NEWS:

- [Congratulations to Juliana Nam with being awarded a graduate fellowship from the Koerner Family Foundation](#)
- [Sustainable Waste](#)

DEPARTMENT SEMINAR/EVENTS:

- **CBE Seminar Series | 102 CLB @ 9:00 AM** (unless otherwise noted)
 - **Ya-Huei (Cathy Chin, University of Toronto)**
Friday, February 28, 2025 in 102 CLB
[“Catalytic Dances of Molecules on Free Energy Surfaces: Developing Knowledge Framework Exploiting Excess Potential in C-O and C-H Bond Scission Catalysis”](#)
 - **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:

- **Society of Catholic Scientists and Society of Catholic Scholars of Delaware**
Prof. Lawrence M. Principe, Johns Hopkins University
Tuesday, February 11, 2025 at 7:00 PM at Newman Center
[“Jesuit Science after Galileo”](#)
- **Brandywine Valley Chapter of ASM International**
[Innovations in Stretchable Electronics & Manufacturing](#)
Dr. Nathan Lazarus, Electrical & Computer Engineering, University of Delaware
Wednesday, February 12, 2025 starting at 6:00 PM at Evans Hall
[RSVP](#) required by **February 10, 2025**
- **CAS Inorganic Chemistry Seminar**
Jonathan Axtell, Ph.D., Dow Chemical Company
Friday, February 21, 2025 at 4 PM at 219 BRL
[“New Insights into the Role of Tin in Alkoxysilane Curing”](#)
- **MSEG Seminars | 10:30 AM in 366 CLB**
Robert J. Hickey, Pennsylvania State University
Wednesday, February 26, 2025
Title: [“Enhancing Actuation Properties in Strain Crystallized Polymer Fibers”](#)
- **CPI Seminar**
Symone Alexander, Ph.D., Auburn University
Friday, February 28, 2025 at 10:00 AM in 366 CLB
[“Valorization and Regeneration of Cellulose Sourced from Restaurant Food Waste”](#)
- **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

- **University of Texas at San Antonio**
Position: [Assistant/Associate Professor of Instruction, Klesse College Biomedical Engineering and Chemical Engineering](#)
Brief description: The Department of Biomedical Engineering and Chemical Engineering at the University of Texas at San Antonio has an open position for a fixed term track faculty at the Assistant/Associate Professor of Instruction levels. The teaching duties will be mainly in the Chemical Engineering Program.
- **University of Wisconsin-Madison**
Position: [Future Faculty in Engineering Workshop](#)
Brief description: The Future Faculty in Engineering Workshop is designed to broaden participation in the nation’s engineering faculty ranks by equipping scholars who are U.S. citizens or permanent residents with the foundation for a successful faculty career in an engineering discipline. This exciting, all-expenses-paid, four-day program is tailored for postdoctoral scholars or doctoral students in their final two years of study.
- **University of Buffalo**
 - **Position:** [Postdoctoral Associate \(PRODiG+ Scholar\), Clean Energy](#)
Brief description: The University at Buffalo (UB), a premier, research-intensive public university, invites inquiries and applications for Promoting Recruitment, Opportunity, Diversity, Inclusion and Growth plus (PRODiG+) Scholars in various fields for two-year terms. The School of Engineering and Applied Sciences specifically solicits applications from candidates in Mechanical Engineering or Chemical and Biological Engineering with a focus on Clean Energy, broadly construed.
 - **Position:** [Postdoctoral Associate \(PRODiG+ Scholar\), Computer Science](#)
Brief description: The University at Buffalo (UB), a premier, research-intensive public university, invites inquiries and applications for Promoting Recruitment, Opportunity, Diversity, Inclusion and Growth plus (PRODiG+) Scholars in various fields for two-year terms. PRODiG+ is designed to achieve two primary goals: (1) increasing the number and share of excellent diverse faculty committed to advancing the ideals of diversity, equity, and inclusion; and (2) strengthening the pipeline for retention and support of these candidates. The School of Engineering and Applied Sciences specifically solicits applications from candidates in Computer Science and Engineering, with a focus on a broad range of research specializations.

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