

NEWS OF THE WEEK

NOVEMBER 20, 2023

CBE IN THE NEWS

- [Research Heavy Hitters](#)

DEPARTMENT'S SEMINAR/EVENTS

- **CBE Seminar Series**
 - **Qi Zhang, University of Minnesota**
Friday, December 1, 2023 at 10:00 AM in 102 CLB
or via Zoom: <https://udel.zoom.us/j/91386404306>
“[Toward the Efficient Operation of an Electrified Chemical Industry](#)”
- **CCST Seminar**
Gang Wu, University of Buffalo, SUNY
Wednesday, November 15, 2023 at 2:00 PM in 366 CLB
“[Advanced Catalysts for Hydrogen Fuel Cell Technologies](#)”
- **Center for Neutron Science (CNS) Seminar**
Arnaud Poulesquen, Researcher-Engineer at CEA the French Atomic Energy Commission
Wednesday, December 6, 2023 at 9:00 AM in 366 CLB
“[Alkali Activated Materials Such as Geopolymers from Liquid to Solid State](#)”
- **COE Event**
Inaugural Lecture Series
Dr. Eric Furst, William H. Severn Distinguished Chair of Chemical Engineering
Wednesday, December 6, 2023 at 4:00 PM in 601 FinTech Innovation Hub (591 Collaboration Way, Newark DE)
“[An Engineering Career in Three Figures](#)”
[REGISTRATION](#) required

OTHER DEPARTMENT'S SEMINAR/EVENTS

- **Quantum Science and Engineering (QSE) Seminar**
Dr. James Hone, Columbia University
Monday, December 4, 2023 at 11:00 AM in 315 GOR
“[Advances in Synthesis and Quantum Applications of 2D Materials](#)”
- **Materials Science and Engineering (MSEG) Seminar**
Dr. Emil Hernandez-Pagan, University of Delaware
Wednesday, December 6, 2023 at 10:30 AM in 322 ISE
“[Coupling a Molecular Understanding to the Solution Synthesis of Nanomaterials](#)”

JOBS/RECRUITING

- **DOW INTERNSHIPS**
 - Position:** [2023-2024 Campus Internship – Research & Development \(PhD\)](#)
Brief description: We are seeking candidates who have expertise in one or more of the following areas: chemical engineering, materials science, chemistry, polymer science, theoretical modeling, mechanical engineering, data science as well as other dimensions of chemical or materials sciences. Interns will work with project teams to solve chemical- and material-related problems through both fundamental and applied research.
 - Position:** [2023-2024 Campus Internship – Research & Development \(BS/MS\)](#)
Brief description: The purpose of the position is to help support one or two projects in R&D. The intern will partner with research scientists to drive these projects to completion.
- **Johns Hopkins University: Whiting School of Engineering**
Position: [Tenure-track/Tenured Faculty](#)
Brief description: The Johns Hopkins University's Department of Chemical and Biomolecular Engineering seeks applicants for tenure-track/tenured faculty positions. Candidates with research and teaching interests in all areas relevant to chemical and biomolecular engineering will be considered, including, but not limited to, efforts addressing fundamental societal challenges in health and climate, chemical engineering opportunities related to aging, diseases such as cancer, data science and machine learning, catalysis/separations/energy storage and harvesting, decarbonization, process synthesis and optimization, process systems engineering, laboratory automation, high-throughput experimentation, nanomanufacturing, soft matter, computational approaches to chemical and biomolecular engineering problems, and biomolecular engineering/synthetic biology, including applications in biomanufacturing, immunoengineering, cell and genome engineering, and multi-omics engineering.
- **Case Western Reserve University**
Position: [Assistant Professor in Chemical and Biomolecular Engineering](#)
Brief description: The Department of Chemical and Biomolecular Engineering at Case Western Reserve University invites applications for a tenure-track faculty position at the Assistant Professor level, commensurate with experience and qualifications. Appointments will be considered for starting dates as early as July 1, 2024. All applicants must have a Ph.D. degree in Chemical Engineering or a related field and must hold great potential for research leadership, grant funding, teaching excellence and service contributions.

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