

NEWS OF THE WEEK

APRIL 3, 2023

CBE IN THE NEWS

- [Updates regarding the COVID-19](#)

DEPARTMENT'S SEMINAR/EVENTS:

- **CBE Seminar Series**
 - **Kyoung-Shin Choi, University of Wisconsin-Madison**
Friday, April 14, 2023
10:00 AM in 102 CLB
and via Zoom: <https://udel.zoom.us/j/99615073260>
“[Electrochemical Hydrogenation, Hydrogenolysis, and Dehydrogenation for Reductive and Oxidative Biomass Upgrading](#)”
 - **Helen Durand, Wayne State University**
Friday, April 21, 2023
10:00 AM in 102 CLB
and via Zoom: <https://udel.zoom.us/j/99615073260>
“[Cybersecurity and Quantum Computation in Control of Cyberphysical Systems for Next-Generation Manufacturing](#)”
 - **Sujit Datta, Princeton University**
Friday, April 28, 2023
10:00 AM in 102 CLB
and via Zoom: <https://udel.zoom.us/j/99615073260>
“[Life in A Tight Spot: How Bacteria Navigate Crowded Spaces](#)”

OTHER DEPARTMENT'S SEMINAR/EVENTS

- **Mechanical Engineering Distinguished Lecture**
 - **Dr. Gregory Chirikjian, National University of Singapore**
Monday, April 3, 2023 at 11:00 AM in 106 CCM
“Robot Imagination: Affordance-Based Reasoning about Unknown Objects”
[REGISTRATION](#) required
 - **Dr. Bert Tanner, University of Delaware**
Wednesday, April 5, 2023 at 11:00 AM in 106 CCM
“Autonomous Marine Vehicle Control for Environmental Surveys”
[REGISTRATION](#) required
- **Biological Sciences: Arnold M. Clark Lecture**
Dr. Jeffrey Gordon, Washington University in St. Louis
Tuesday, April 4, 2023 in 115 PRN
“Developing Microbiome-Directed Therapeutics for Treating Childhood Undernutrition”
[REGISTRATION](#) required
- **Physics and Astronomy Colloquium**
Dr. Tao Li, Yale University
Wednesday, April 5, 2023 at 3:35 PM in 116 GOR
“From Polaritonics to Plasmonics: New Modeling Approaches Yield Novel Insights”
- **Inorganic Chemistry**
Dr. Kosta Vogiatzis, University of Tennessee
Wednesday, April 5, 2023 at 4:00 PM in 219 BRL
“[Coupling Electronic Structure Theory with Machine Learning for Chemical Applications](#)”
- **COE Research Brown Bag**
Dr. Jamie Phillips, University of Delaware
Thursday, April 6, 2023 at 11:00 AM via Zoom
“[Infrared Optoelectronics: From Brain-Machine Interfaces to Power in Deep Space](#)”
[REGISTRATION](#) required
- **Physical Chemistry Seminar**
Dr. Martin Mosquera, Montana State University
Friday, April 7, 2023 at 4:00 PM in 219 BNL
“[Propagating Plexcitons, Heat Transport, and Ferroelectricity of Two-Dimensional Materials](#)”
- **Philosophy-Norton Lecture**
Dr. Keith Whittington, Princeton University
Friday, April 14, 2023 at 3:30 PM in 103 GOR
“Can State Legislatures Ban Critical Race Theory”
- **Applied Chemistry Seminar Series**
Dr. Richard R. Schrock
Tuesday, April 25, 2023 at 3:00 PM in the AUDION at STAR Tower
“[Mo and W-Based Olefin Metathesis Catalysts are formed from Metallacyclopentanes](#)”

3M RISE SYMPOSIUM

- **4th Annual RISE Symposium**
We would like to announce that the 4th annual [3M RISE Symposium](#) (Raising Influence in Science and Engineering) is now accepting applications! The purpose of the symposium is to introduce emerging underrepresented doctoral students in science and engineering to the wide range of rewarding careers in research and development at 3M. This is a virtual event that will be hosted from July 17th–19th 2023 and is a great way for future STEM leaders to get introduced to the corporate world.

Ideal applicants are expected to complete their graduate degree appointment within 12 months of the RISE event. We will accept applicants from any STEM field. Attached is a flyer describing the symposium. The RISE Symposium application deadline is May 1st 2023.

We are also conducting application reviews for a limited number of candidates prior to the 3M Rise application deadline. If interested, please fill out the Application Review form by March 27th.

RISE Event – <https://3m.recsolu.com/app/collect/form/POxBa6u7J6rttRAITRg9hg>

RISE Application Review – <https://3m.recsolu.com/app/collect/form/Mzcw67Xtb1eoholCgjlwlvw>

DOW EVENTS

- **[Dow's Annual BEST Symposium](#)**
We are now accepting applications for the 17th annual Dow Building Engineering and Science Talent (BEST) Symposium. This year's BEST symposium will be held in person in Midland, MI on July 24th – 27th, 2023. The symposium is primarily intended to introduce Black, Latinx, and Native American U.S. doctoral and postdoctoral scientists to the wide range of rewarding careers in industrial research, and in particular, the many opportunities with one of the world's largest and leading materials science companies, Dow. This conference, developed jointly by our minority scientists and Ph.D. recruiting team, demonstrates our commitment to a diverse work force.

Additional information may be found at our [website](#). All applications are due by **April 30th, 2023**.

Participants in the conference may be considered for future employment at Dow. However, participation neither obligates the student to apply for employment, nor guarantees future consideration for employment by Dow. For those wishing to learn more about opportunities, please visit our [careers page](#).

JOBS/RECRUITING

- **Northeastern University**
Position: [Assistant/Associate/Full Teaching Professor – Chemical Engineering](#)
Job ID: R113747
Location: Boston, MA
Brief Description: The main responsibility of the non-tenure-track teaching faculty is high-quality student-centered teaching, including course preparation, delivery, and assessment. The annual course responsibility is six courses. The Assistant/Associate/Full Teaching Professor also participates in department, university, and professional service activities and will be engaged in a modest level of scholarship for their own professional development around education and pedagogy.

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