

NEWS OF THE WEEK

MARCH 20, 2023

CBE IN THE NEWS

- [Updates regarding the COVID-19 vaccine](#)
- Pulmonary Engineering

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

- **Materials Science & Engineering Seminar**
Dr. Jeffrey Elam, Argonne National Laboratory
Wednesday, March 22, 2023 at 10:30 AM in 322 ISE
“[ALD Surface Chemistry on Lithium-Ion Battery Cathodes](#)”
- **Materials Research Society**
Julius Korley, University of Delaware
Friday, March 24, 2023
10:00 AM in 106 CCM
“**Based on Science, Built for Market: How to Make an Impact with your Research**”
- **Physical Chemistry Seminar**
Theodosia Gougousi, University of Maryland, Baltimore County
Friday, March 24, 2023 at 4:00 PM in 219 BRL
“[Surface Functionalization and Atomic Layer Deposition of Metal Oxides on MoS₂ Surfaces](#)”
- **Biological Sciences: Arnold M. Clark Lecture**
Tuesday, April 4, 2023 at 4:00 PM in 115 PRN
“Developing Microbiome-Directed Therapeutics for Treating Childhood Undernutrition”
[REGISTRATION](#) required

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/MzCW67XtbleoholCgjwlvw>

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

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