

### NEWS OF THE WEEK

MARCH 6, 2023

#### CBE IN THE NEWS

- [Updates regarding the COVID-19 vaccine](#)
- Congratulations to Professors LaShanda Korley and Thomas Epps for being elected as Fellows of the American Institute of Chemical Engineers

#### DEPARTMENT'S SEMINAR/EVENTS:

- **CBE Seminar Series**
  - **Allan P. Colburn Memorial Lecture**  
Michelle Calabrese, University of Minnesota  
Friday, March 17, 2023  
10:00 AM in 102 CLB  
and via Zoom: <https://udel.zoom.us/j/99615073260>  
“[Beyond alignment: new routes for controlling block copolymer phase behavior and mechanical properties via magnetic fields](#)”
  - **EmPOWER + SACNAS Career Event**  
EmPOWER (CBE) is excited to introduce and invite you to the Early-career PhD Panel, which will take place on Saturday, 11th March at 2-3 pm on Zoom, to have engaging conversations on career paths beyond graduate school and gather insights from alumni of UD and other universities.  
  
Zoom link: <https://udel.zoom.us/j/94722966877>  
The topics for discussion include (but are not limited to):
    - Transitioning from PhD to industry
    - Pitfalls and opportunities during job selection and first few years
    - Collaboration, mentorship and cross-functional teams
    - Challenges specific to the immigrant / international student experience
    - And more...Ask your questions live or on Slido: <https://app.sli.do/event/6EDGGDc7Rg352NfpQMVPnHn/live/questions>

#### OTHER DEPARTMENT'S SEMINAR/EVENTS

- **The Center for Political Communication**  
**Peris Tushabe, Free Expression and Education Program Assistant, PEN America**  
Tuesday, March 14, 2023  
12:00 PM via Zoom  
“Voices of UD: Harness Your Power”  
Please REGISTER for this event
- **Materials Science & Engineering**  
**Dr. Xingjie Ni, Penn State University**  
Wednesday, March 8, 2023  
10:30 AM in 322 ISE  
“Towards Large-Scale and Integrated Functional Metasurfaces”
- **Philosophy & Anthropology**  
**Dr. Alice Dreger**  
Tuesday, March 21, 2023  
7:00 PM in the GORE Recital Hall – Roselle Center for the Arts  
“Free Speech and Open Inquiry”

#### 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/Mzcw67Xtb1eoholCgjjw1vw>

#### 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](#).

#### REQUEST FOR HOUSING

Housing Request Prof. Kyle Lampe (Associate Professor in Chemical Engineering at the University of Virginia (<https://engineering.virginia.edu/lampe-biomaterials-group/lampe-research>)) will be on a yearlong sabbatical at UD from mid-August 2023 through mid-June 2024, and he and his family are currently looking for a house to rent during that time. If you, or someone you know is also on sabbatical during that time, or otherwise has a place to rent (e.g., preferably furnished 3+ bedroom, 2+ bath), please let them know ([lampe@virginia.edu](mailto:lampe@virginia.edu) and [lisa.lampe@virginia.edu](mailto:lisa.lampe@virginia.edu)).

#### JOBS/RECRUITING

##### Carnegie Mellon University

**Position:** [Chemical Engineering Teaching-Track Faculty Position – 2023](#)

**Location:** Pittsburgh, PA

**Brief Description:** The Department of Chemical Engineering at Carnegie Mellon University invites applications for a teaching-track faculty position starting in the Fall 2023 semester. We seek enthusiastic and dynamic teaching professors to teach a broad range of courses in chemical engineering and related areas, and to enhance the educational experience of students more broadly both inside and outside the classroom. It is expected that the applicant will teach a diverse set of students effectively at both the undergraduate and graduate levels within the Department and contribute positively to the educational mission of the units. In addition, the teaching-track faculty member will help to advise students and serve on department, college, and university committees, among other activities as required.

##### The University of Oklahoma

**Position:** [Research Assistant Professor of Chemical Engineering](#)

**Location:** Norman, OK

**Brief Description:** The successful candidate will lead the implementation, operations, and ongoing instructional activities of OU College of Engineering's funded Biopharmaceutical Manufacturing research and educational facility. The successful candidate will be responsible for establishing the OU Biomanufacturing Core Facility, ordering and setting up the needed equipment, and designing a laboratory curriculum for industrial and academic students in order to support workforce development in the Oklahoma City area in the biopharmaceutical manufacturing space. The successful candidate will also lead independent and collaborative research programs in biopharmaceutical manufacturing including cell culture, purification, separation, process design, and operation. We welcome applicants who have an interest and are motivated to develop and lead instructional and research programs that are integral to furthering our welcoming community.

- **Excet Incorporated**
  - **Position:** [Fracture Mechanics Engineer](#)  
**Brief Description:** Excet, Inc. is in search of a Mechanical Engineer/Material Scientist who will work as a member of the technical team performing and leading research, development and testing in the areas of environmental assisted cracking and fracture mechanics as related to the Navy surface ships, submarines, marine structures, aircraft and shore facilities. Candidates must be able to work with cross-functional groups involving government and industry partners to develop, test, manufacture and transition products or technologies to practical fleet applications and solutions. The position is full time in Key West, FL with occasional travel facilities in or near Washington, DC.
  - **Position:** [Materials Scientist Engineer](#)  
**Brief Description:** Excet, Inc. is in search of a Materials Scientist/Engineer who will work as a member of the technical team performing and leading research, development and testing in the areas of marine corrosion, marine engineering, materials, electrochemistry, coatings and environmental effects as related to the Navy surface ships, submarines, marine structures, aircraft and shore facilities. Candidates must be able to work with cross-functional groups involving government and industry partners to develop, test, manufacture and transition products or technologies to practical fleet applications and solutions. The position is full time in Key West, FL or Washington, DC.
  - **Position:** [Computational Materials Scientist](#)  
**Brief Description:** Excet, Inc. is in search of a Computational Materials Scientist who will work as a member of the technical team performing and leading research, development and testing in the areas of marine corrosion, marine engineering, materials, electrochemistry, coatings and environmental effects as related to the Navy surface ships, submarines, marine structures, aircraft and shore facilities. Candidates must be able to work with cross-functional groups involving government and industry partners to develop, test, manufacture and transition products or technologies to practical fleet applications and solutions. The position is full time, with travel required between facilities located in Washington, DC and Key West, FL.
  - **Position:** [Polymer Chemist](#)  
**Brief Description:** Excet, Inc. is in search of a Polymer Chemist who will develop test data to inform requirements setting and predict field performance for Navy applicable multi-layer, multi-material (metallic and non-metallic) designs of interest with a specific focus on mechanical and corrosion effects of polymer, composite and metallic systems. This candidate will be responsible for researching, defining, and communicating engineering approaches in order to meet relevant design gaps for use of plastics, elastomers, sealants, and adhesives in the seawater environment. Candidates must be able to work with cross-functional groups involving government and industry partners to develop, test, manufacture and transition products or technologies to practical fleet applications and solutions. The position is full time in Washington, DC with occasional travel expected to a research facility in Key West, FL.

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