

## NEWS OF THE WEEK

OCTOBER 18, 2021

### CBE IN THE NEWS

- [Updates regarding the COVID-19 vaccine](#)
- [Congratulations to Professor Antony Beris for being elected as a 2021 Fellow of the American Physical Society](#)

### DEPARTMENT'S SEMINAR/EVENTS:

- **EmPOWER Events**
  - **Catalysis Troubleshooting Session #2**  
Monday, October 18, 2021 4:00 - 5:00 PM in 366 CLB  
Join Brandon Vance, Jian Pan, and Nick Oliveira for the second catalysis-focused troubleshooting session on Monday, October 18th. Bring your confusing data or malfunctioning code for casual discussion around the joys of doing things that have never been done before
  - **Advisor Selection Panel: Colburn Club and EmPOWER Co-Hosted Event**  
Tuesday, October 19, 2021  
3:00 - 4:00 PM in 207 BRL  
First year students - join us for a panel on advisor selection, with both faculty and older students available to answer your questions. This event will be an open forum for you to ask questions about the selection process, and get advice from older students as you finalize your choices. We will be joined by a number of faculty members, including Prof. Jiao (our Graduate Program Director and lead in advisor selection), Prof. Lenhoff, Prof. Korley, and Prof. Solomon. If you'd like to submit a question before the event, email Katie Nelson
  - **Faculty Panel on Careers in Academia**  
Thursday, October 21, 2021  
10:00 - 11:00 AM in 366 CLB  
Are you interested in an academic career? Unsure of how to prepare for the academic job search? Looking for advice on starting and growing your own research group as a young PI? Come join EmPOWER for a faculty panel on obtaining and maintaining academic faculty positions next Thursday, October 21st from 10-11 AM in 366 CLB. Our panelists will include Professors Eric Furst and Catherine Fromen. If you want to submit a question prior to the panel, please fill out the question form or email questions to our moderator, Brian Paul
- **Colburn Club Picnic**  
Friday, October 22, 2021 @ 3:00 PM  
At Which Clay Creek State Park  
We will have board games, outdoor games/activities, food and fall themed refreshments! As such, please fill out the following RSVP form to help us figure out headcount: <https://forms.gle/bo7s1kvZXEAYWaFZA>! As for carpooling, we would appreciate it if people offered to drive to reduce the number of car passes we need to hand out. If we run out, the passes are \$4 for in-state vehicles and \$8 for out of state vehicles. For people willing to drive, sign-up here: [https://docs.google.com/spreadsheets/d/1PIB47APIHorZjYH3HxNXRfRFQ+MBL7\\_ALbGpdsXiPcU/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1PIB47APIHorZjYH3HxNXRfRFQ+MBL7_ALbGpdsXiPcU/edit?usp=sharing).
- **CBE Seminar Series**
  - **Allan P. Colburn Memorial Lecture**  
**Dr. Matthew Panzer**, Tufts University and UD Chemical Engineering Alumni  
Friday, October 29, 2021 @ 10:00 AM in 102 CLB  
via Zoom: <https://udel.zoom.us/j/98079957563>  
[Design of Polymeric Scaffolds for Nonaqueous Ionogel Electrolytes](#)
  - **Kurt Wohl Memorial Lecture**  
**Dr. Jinguang Chen**, Columbia University  
Friday, November 19, 2021 @ 10:00 AM in 102 CLB  
via Zoom: <https://udel.zoom.us/j/97520210237>  
[Chemical Engineering Approaches for Catalytic Reduction of CO2](#)
  - **Dr. Jacinta Conrad**, University of Houston  
Friday, December 3, 2021 @ 10:00 AM in 102 CLB  
via Zoom: <https://udel.zoom.us/j/92635728693>  
[Nanoparticle Transport in Crowded, Confined Media](#)
- **Francis Alison Lecture**  
Norman J. Wagner, Unidel Robert L. Pigford Chair in Chemical & Biomolecular Engineering and 2020 Francis Alison Faculty Award Recipient  
Wednesday, November 3, 2021 @ 4:00 PM at the Gore Recital Hall at the Roselle Center for the Arts  
Register for this in-person event by **Friday, Oct. 29** at [udel.edu/008836](http://udel.edu/008836)  
[Livestream](#) will be available  
"Nano and Molecular Engineering in Service of Exploration, Education and Entrepreneurship"

### OTHER DEPARTMENT'S SEMINAR/EVENTS:

- **Physical Chemistry Seminar**  
Tyler Reddy, Los Alamos National Laboratory  
Monday, October 18, 2021 at 4:00 PM  
via Zoom: <https://udel.zoom.us/j/98093174367>  
["Open source foundations: viruses, AMR meshes, and tools"](#)
- **Astronomy & Space Physics Seminar**  
Daniella Bardalez Gagliuffi, American Museum of Natural History  
Tuesday, October 19, 2021  
4:00 PM via Zoom: <https://udel.zoom.us/j/91816501565>  
Password: browndwarf  
"System Architectures and Compositions as Fossils of Giant Planet Formation"
- **Department of Biological Sciences, Fall 2021 Seminar Series Guest Speaker**  
Diana Chu, Department of Biology, San Francisco State University  
Monday, October 25, 2021 at 1:30 PM  
via Zoom: <https://udel.zoom.us/j/9754726505>  
["Histone variant incorporation dynamics before and after fertilization"](#)
- **Pitch 90**  
The Delaware Environmental Institute  
Tuesday, November 16, 2021 at 5:30 PM at Clayton Hall Auditorium  
[CLICK HERE](#) for more information

### JOBS/RECRUITING

- **Missouri University of Science & Technology**  
**Position:** [LECTURER #00080058](#)  
**Job #:** 38766  
**Brief description:** The Linda and Bipin Doshi Department of Chemical and Biochemical Engineering at Missouri University of Science and Technology (Missouri S&T) invites applications and nominations for one non tenure-track (NTT) teaching position (#00080058) at the rank of Lecturer with primary responsibility for teaching the undergraduate unit operations and bioreactor laboratory course and maintaining the laboratories and developing new experiments. Additional responsibilities will include teaching other undergraduate courses, curriculum development, advising students, and helping with ABET preparation.
- **Michigan Technological University**
  - **Position:** [Endowed Chair \(Faculty Position\), Chemical Engineering](#)  
**Job #:** 21251  
**Brief description:** Michigan Technological University invites applications for one or more endowed chair faculty positions in the Department of Chemical Engineering at the associate or full professor level. Applicants for the position are required to have a Ph.D. in chemical engineering or closely related discipline. All areas of chemical engineering are of interest, including but not limited to advanced materials, biotechnology, energy & sustainability, modeling (molecular simulation, systems, etc.), advanced separations, process intensification & design, mineral processing, and process automation & control.
  - **Position:** [Assistant Professor, Chemical Engineering](#)  
**Job #:** 21130  
**Brief description:** The Department of Chemical Engineering at Michigan Technological University invites applications for an assistant professor tenure-track faculty position. The university's Tech Forward initiatives focus on building research in advanced materials and manufacturing, autonomy, sensing, health, energy, and sustainability. Research areas include but are not limited to advanced materials, biotechnology, modeling, advanced separations, process intensification & design, mineral processing, and process automation & control. We are seeking candidates who have demonstrated excellence in research and have a strong commitment to teaching and working with students.
  - **Position:** [Lecturer or Professor of Practice](#)  
**Job #:** 21188  
**Brief description:** Michigan Technological University, Department of Chemical Engineering invites applications for the position of non-tenure track lecturer/ professor of practice position. Applicants for the position are required to have an MS degree with significant industrial experience and/or a PhD in chemical engineering or closely related discipline. Applicants who are committed to promoting a sense of belonging and contributing to an equitable and inclusive learning environment for all are strongly encouraged to apply.
- **University of Washington**  
**Position:** [Assistant Professor of Chemical Engineering \(Tenure Track\)](#)  
**Brief description:** The Department of Chemical Engineering at the University of Washington invites applications or nominations for a full-time tenure-track faculty position (9-month service period) to begin as early as September 1, 2022. The Department is seeking candidates at the level of Assistant Professor. The successful candidate will be expected to build a world class experimental, theoretical or computational research program in any area of chemical engineering, especially in the areas of polymer science and engineering, colloids or other areas of soft matter that complement our existing strengths. New hires will join a strong existing network of faculty who are pioneering this field within the College of Engineering, School of Medicine, and College of Arts and Sciences. The primary appointment and teaching responsibilities for this hire will be in chemical engineering, but adjunct/affiliate appointments in other relevant departments/institutions will be encouraged.
- **University of Maryland**  
**Position:** [Assistant/Associate/Professor](#)  
**Position #:** 123369  
**Brief description:** The Department of Chemical and Biomolecular Engineering at the University of Maryland, College Park ([www.chbe.umd.edu](http://www.chbe.umd.edu)) invites applications for candidates to apply for full-time tenure-track and tenured faculty position(s) The hires will conduct research, teach and mentor students, and work with others in a spirit of collaboration to enhance the impact of the department. This will include strong scholarship, innovative teaching of both graduate and undergraduate students, participation in faculty governance and institution-building, service to the broader scientific community, and forming partnerships within the department, school, university and/or with industrial, governmental, or community partners. Senior hires are expected to have demonstrated leadership and should plan to have impact in new areas.

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