

## NEWS OF THE WEEK

FEBRUARY 14, 2022

## CBE IN THE NEWS

- [Updates regarding the COVID-19 vaccine](#)
- [Engineering the future of manufacturing](#)
- Congratulations to Professor Yushan Yan for his election into the National Academy of Engineering

## DEPARTMENT'S SEMINAR/EVENTS:

- **CCST Seminars**
  - **Eranda Nikolla, Wayne State University**  
Friday, April 15, 2022 at 10:00 AM in [102 CLB](#) (limited seating)  
or via Zoom: <https://udel.zoom.us/j/94825826648>  
[“Embracing the Complexity of Heterogeneous Catalytic Structures: Non-Stoichiometric Mixed Metal Oxides and 3-Dimensionally Engineered Metal Catalysts for Energy and Chemical Conversion”](#)
- **Colburn Club Events**
  - **Virtual Trivia & Game Night**  
Thursday, February 24, 2022 at 7:30 PM  
We'll be having a virtual trivia night, also in Gather Town. Please join us for a few rounds of trivia, followed by virtual board game night. Additional details, including a trivia team signup sheet, will be coming in the next few weeks.
- **AIChE DVS Live “Ask Me Anything”**  
Monday, February 28, 2022 at 6:30 PM  
via Zoom (link to be provided at a later time)  
The AIChE Delaware Valley Section would like to invite members of the section's universities to join us for a panel conversation related to industrial careers in chemical engineering, a live version of an “Ask Me Anything” session, on Monday, February 28, from 6:30-7:30 pm EST. We have conducted events like this in the past in-person with some of our member universities, but we would like to open this offering up to all six chemical engineering programs in our area.

**Panelists:**

- Sidney Biddle, Senior Project Manager at SNC-Lavalin <https://www.linkedin.com/in/sidney-biddle-msche-eit-47265730/>
- Ryan Mowers, Technical Sales Engineer at Kahlco <https://www.linkedin.com/in/ryanmowers/>
- Erika Nordquist, Process/Product Engineer at Allied Engineering and Design <https://www.linkedin.com/in/erika-nordquist/>

Please [REGISTER](#) for this event.

## OTHER DEPARTMENT'S SEMINAR/EVENTS

- **Biological Sciences**  
Sondli Barwe, Ph.D., Nemours Biomedical Research  
Monday, February 14, 2022 at 1:30 PM  
via Zoom: <https://udel.zoom.us/j/94989176805>  
[“Reducing Carbon Footprint by Single-Atom Catalysts—A Biomimetic Approach to Achieve High Selectivity and High Efficiency for Small-Molecule Activation”](#)
- **Materials Science & Engineering Seminar**  
Dr. Huolin Xin, University of California, Irvine  
Wednesday, February 16, 2022 at 10:30 AM  
via Zoom: <https://udel.zoom.us/j/92765524438>  
Password: MSEGSEM  
[“Mesothelin as a novel therapeutic target for pediatric leukemia”](#)  
[REGISTRATION](#) required
- **Mathematical Sciences**
  - **Hallenbeck Graduate Student Seminar (HGSS)**  
Wednesday, February 16, 2022  
2:30 PM in 336 EWG  
Speaker: Lindsey Jacobs  
Title: “Mathematical Model of Tumor Spheroid Experiments with Real-Time Cell Cycle Imaging”
  - **Discrete Mathematics/Algebra**  
Thursday, February 17, 2022  
1:00 PM via Zoom  
**Speaker:** Jane Breen, Ontario Tech University, Canada  
**Title:** “Kemeny’s constant and random walks on graphs”
- **Physical Chemistry**  
Peter Bond, Ph.D., Bioinformatics Institute Singapore  
Monday, February 14, 2022 at 4:00 PM  
via Zoom: <https://udel.zoom.us/j/98093174367>  
[“Battling Infectious Disease: From Molecules to Systems”](#)
- **DESCA Webinars**
  - **Entrepreneurs’ Journeys (HX Technologies, TheraV, Gaskiya, and ThruPore)**  
Thursday, March 17, 2022 at 12:00 PM  
[REGISTRATION](#) required  
Join us for a free live webinar to learn from entrepreneurs about how they have overcome the expected and unexpected obstacles they faced in turning their ideas into successful companies.

## JOBS/RECRUITING

- **University of Wisconsin-Madison**  
[WiscProf: Future Faculty in Engineering Workshop](#)  
**Dates:** May 23-26, 2022  
**Brief description:** Our Future Faculty in Engineering Workshop provides scholars from traditionally underrepresented groups in STEM, who are U.S. citizens or permanent residents, the foundation for a successful faculty career in an engineering discipline. Designed for doctoral students within their last two years of study and postdoctoral scholars in the last year of their research, this exciting, expenses-paid four-day program is an invaluable opportunity to learn more about academic careers and how to succeed in a faculty position. [Apply today!](#)

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