

## NEWS OF THE WEEK

FEBRUARY 21, 2022

### CBE IN THE NEWS

- [Updates regarding the COVID-19 vaccine](#)
- [Yushan Yan elected to National Academy of Engineering](#)

### DEPARTMENT'S SEMINAR/EVENTS:

- **CBE Seminars**
  - **Research Presentation**  
Alexandra Bayles, Assistant Professor  
Wednesday, February 23, 2022 at 9:00 AM  
or via Zoom: <https://udel.zoom.us/j/97583304529>
- **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.
- **EmPOWER Events**
  - **Graduate Student and Postdoc's Guide to Personal Finance**  
Friday, February 25, 2022 at 1:00 PM  
or via Zoom: <https://udel.zoom.us/j/89711070049>  
Are you ready to take the next step with your finances as a graduate student receiving a stipend or postdoc? Do you want to learn how to allocate your money more optimally, break the cycle of living paycheck to paycheck, increase your net worth even while in training, and properly report your income on your tax return? This webinar by Dr. Emily Roberts presents an 8-step framework to guide you from broke to financially secure to wealthy through saving, debt repayment, and investing and includes real-life examples of other graduate students and early-career PhDs finding financial success. Open to ALL graduate students and postdocs.
- **Hack Your Budget**  
Friday, March 4, 2022 at 1:00 PM  
via Zoom: <https://udel.zoom.us/j/89679893020>  
When it comes to balancing their budgets, grad students and postdocs usually try to pack as much value into as little spending as possible. This immensely practical workshop shows attendees how to "hack" their budgets by decreasing their spending in key necessary areas. Attendees will submit their spending data on housing, utilities, transportation, and food in advance through a survey. Dr. Roberts will present the crowdsourced data and invite attendees to share with one another their strategies and tips, focusing on university- and city- specific insights.

#### About Dr. Emily Roberts

Dr. Emily Roberts is a personal finance educator specializing in early-career PhDs. Through her business, Personal Finance for PhDs, she equips graduate students, postdocs, and PhDs with Real Jobs to make the most of their money. She gives seminars at universities and for associations; interviews graduate students and PhDs on her podcast; serves as a money coach; and creates courses and workshops on taxes, investing, and more. Emily holds a PhD in biomedical engineering from Duke University and lives in southern California with her husband and two children.

- **COE Research Brown Bag**
  - **Professor Yushan Yan**  
Thursday, March 10, 2022 at 11:00 AM via Zoom  
[REGISTRATION](#) required to receive the Zoom link
- **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"](#)

### OTHER DEPARTMENT'S SEMINAR/EVENTS

- **Biological Sciences**
  - **Evangelia Bellas, Temple University**  
Monday, February 21, 2022 at 1:30 PM  
via Zoom: <https://udel.zoom.us/j/93964689619>  
["Engineering Functional Adipose Tissue"](#)
  - **Matthias Hentze, Director, Co-Director of MPMU, European Molecular Biology Laboratory (EMBL)**  
Monday, February 28, 2022 at 11:00 AM in 318 WLF  
and via Zoom: <https://udel.zoom.us/j/99490399432>  
["Engineering Functional Adipose Tissue"](#)
- **Plant and Soil Sciences**  
Dr. Ying Wang, Mississippi State University  
Monday, February 21, 2022 at 2:30 PM  
via Zoom: <https://udel.zoom.us/j/98150772825>  
["A foreign RNA's journey in plants"](#)
- **Physical Chemistry Seminar**  
Rigoberto Hernandez, Johns Hopkins University  
Monday, February 21, 2022 at 4:00 PM  
via Zoom: <https://udel.zoom.us/j/98093174367>  
["Spiral feedback between computation and experiment at the nano-bio interface"](#)
- **Computer & Information Sciences Seminar Series**
  - **Saurabh Bagchi, Purdue University**  
Tuesday, February 22, 2022 at 9:30 AM in Mitchell Hall  
via Zoom: <https://udel.zoom.us/j/96171462288>  
["Dependability Meets Data Analytics"](#)
  - **Bhavani Thuraisingham, University of Texas at Dallas**  
Thursday, March 3, 2022 at 9:30 AM in Mitchell Hall  
via Zoom: <https://udel.zoom.us/j/96171462288>  
["Secure Data Management: My Contributions to Foundations, Systems and Applications"](#)
- **AIChE DVS Live "Ask Me Anything"**
  - **"Ask Me Anything" Virtual Event**  
Monday, February 28, 2022 at 6:30 PM  
via Zoom (link to be sent 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/>  
[Register NOW](#) for this event.
- **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.
- **Gordon Research Seminars**  
**Medicinal Chemistry: [Principles, Strategies and Case Studies in Medicinal Chemistry and Drug Discovery](#)**  
August 6-7, 2022 at Colby Sawyer College in New London, NH

### JOBS/RECRUITING

- **FDA**  
**Position:** [CDER Summer 2022 Research Participation Program](#)  
**Ref. Code:** FDA-CDER-2022-0000  
**Brief description:** Summer research opportunities are available at the U.S. Food and Drug Administration (FDA), Center for Drug Evaluation and Research (CDER). CDER performs an essential public health task by making sure that safe and effective drugs are available to improve the health of people in the United States. As part of the FDA, CDER regulates over-the-counter and prescription drugs, including biological therapeutics and generic drugs. CDER's mission is to protect and promote health by helping to ensure that these human drugs are safe and effective for their intended use, that they meet established quality standards, and that they are available to patients who need them.  
**\*Although the application deadline is April 15th, mentors will start reviewing submitted applications before the deadline.**

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