

## NEWS OF THE WEEK

MARCH 21, 2022

### CBE IN THE NEWS

- [Updates regarding the COVID-19 vaccine](#)
- [Controlling catalysis](#)
- Congratulations to Priyanka Ketkar for receiving and accepting the NRC Postdoctoral Fellowship at NIST

### DEPARTMENT'S SEMINAR/EVENTS:

- **Colburn Club Events**
  - **Field Day**  
Thursday, March 31, 2022 at 5:00 PM  
Location TBD
- **WIE Events**
  - **Pizza Lunch**  
Annual Womxn-only pizza lunch celebrating the end of the pandemic  
Thursday, April 7, 2022 at 12:30 PM  
Bacchus Theater at Perkins Student Center (Lower floor 006)  
Please [RSVP](#) for this event
- **CBE Seminars**
  - **Aleksandra Vojvodic, Rosenbluth Associate Professor**  
University of Pennsylvania  
Friday, April 8, 2022 at 10:00 AM in 102 CLB  
[“C4E – Computational Chemistry of Compounds for Catalysis and Energy”](#)
  - **Samir Mitragotri, Hiller Professor of Bioengineering and Hansjorg Wyss Professor of Biologically Inspired Engineering**  
Harvard University  
Friday, April 22, 2022 at 10:00 AM in 102 CLB  
[“Ionic Liquids for Therapeutic Applications”](#)
- **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 Seminar Series**  
Dr. Antony Jose, University of Maryland Department of Cell Biology and Molecular Genetics  
Monday, April 4, 2022 at 1:30 PM in 318 WLF  
and via Zoom: <https://udel.zoom.us/j/92393138291>  
[“RNA-mediated gene regulation across space and time”](#)
- **UD Advance**  
Thursday, April 7, 2022 at 3:00 PM  
via Zoom (link to be sent at a later time)  
UD ADVANCE welcomes all faculty to attend a panel discussion entitled “Matching Effort to Workload at Mid-career” on April 7th from 3:00-4:30 via Zoom. In this session, UD faculty will share successful practices for aligning their work efforts with their assigned workloads to achieve success. Panelists include:
  - Jamie Phillips, Professor and Dept Chair, Electrical and Computer Engineering
  - Dana Veron, Associate Professor and Director of Climate Hub, Geography and Spatial Sciences
  - Jean-Philippe Laurenceau, Professor, Department of Psychological & Brain Sciences
  - Wendy Bellion, Professor and Sewell C. Biggs Chair, American Art History, Director, Center for Material Culture Studies

To attend, [REGISTER NOW](#) and receive a calendar invite with a zoom link.

- **DESCA Webinars**
  - **Women Entrepreneurs' Journeys (HX Technologies, TheraV, Gaskiya, and ThruPore)**  
Thursday, March 17, 2022 at 12:00 PM  
[REGISTRATION](#) required  
Starting a company is always difficult. Starting a company as a woman is even more difficult. Please join us for a free live webinar with an all-woman panel to discuss the challenges women entrepreneurs in the chemtech space face and the solutions they came up with to solve them.
  - **College Complementary Registration**  
[Catalyzing Change Fair](#)  
Wednesday, April 13, 2022 from 8:30 AM – 5:00 PM  
[REGISTRATION](#) required  
Offering 100 complementary registrations for University of Delaware students to attend this event.

### NANO LETTERS SEEDS GRANTS

- **Pilot Program: Nano Letters Seeds Grants**  
This seed grant competition aims to recognize the best research proposal ideas from different regions of the world and is only open to later-stage graduate students (e.g., third year and beyond). The proposed work should be based on their current training and expertise and be focused on their next cutting-edge project prior to their graduation. In this way, the seed grant will be grounded in feasibility as well as integrate high-risk, high-reward ideas. Submission information can be found [HERE](#).

### JOBS/RECRUITING

- **University of Florida**  
**Position:** [SURF: Summer Undergraduate Research at Florida](#)  
**Brief description:** The SURF program entails a 10 week Summer Undergraduate Research experience at the University of Florida strictly for students planning to enroll Ph.D. to UF. Prospective Ph.D. students for the University of Florida for the fall 2023 term will be considered for SURF. Participating Colleges include the Herbert Wertheim College of Engineering, the College of Liberal Arts and Sciences, the College of Pharmacy, and the College of Health and Human Performance. SURF provides the opportunity to work with a premier faculty adviser and a senior Ph.D. student mentor. Students will engage in research and spend in-depth time furthering their path to applying and enrolling in a Ph.D. program at the University of Florida.
- **Doosan Corporation**
  - **Position:** [Associate Engineer, FPS Engineering](#)  
**Location:** East Hartford, CT  
**Brief description:** Responsible for effective contributions to the fuel processing discipline group engaged in the design, verification, validation, and integration of an integrated fuel processor for a highly efficient, high temperature hydrogen based fuel cell system. With direction and a teamwork focus, support and participate in the fuel processing team, in collaboration with other multi-discipline groups, with the development, advancement, and commercialization of a fuel cell micro CHP system, with focus on all aspects of reactor design, analysis, model development and validation, prototype development, and characterization for an integrated fuel processor for a fuel cell system. Understands key concepts of the discipline, and depends upon others for guidance and direction. Is still learning the fundamental of fuel processing engineering, and may be assigned to small projects or discreet tasks within the functional discipline.
- **Circe**  
**Position:** [Fermentation Engineer](#)  
**Brief description:** Grow the microbes of the future! You'll work to build, operate, and maintain different styles of fermentors, including gas fermentors and more traditional systems. You will work primarily with Ciaran, our co-founder heading up Circe's engineering effort, alongside the metabolic engineering and analytics teams. As an early member, you will have a meaningful influence on the culture and growth of Circe.

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