

NEWS OF THE WEEK

MARCH 7, 2022

CBE IN THE NEWS

- [Updates regarding the COVID-19 vaccine](#)

DEPARTMENT'S SEMINAR/EVENTS:

- **WIE Events**
Title IX Reporting Seminar
Thursday, March 17, 2022 at 1:00 PM
via Zoom: <https://udel.zoom.us/j/95136722675>
- **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

- **Plant and Soil Sciences**
Dr. Shuai Huang, Yale University/Howard Hughes Medical Institute
Monday, March 7, 2022 at 11:00 AM
via Zoom: <https://udel.zoom.us/j/96820060918>
Password: Seminar
“[Phase Separation Control of Plant immunity](#)”
- **Biological Sciences Spring Seminar Series**
Dr. Jeffrey Mugridge, UD Chemistry and Biochemistry
Monday, March 7, 2022 at 1:30 PM in 318 WLF and
via Zoom: <https://udel.zoom.us/j/94192506561>
“[Recognition and cleavage of a human tRNA-modifying enzyme by the SARS-CoV-2 main protease](#)”
- **Physical Chemistry Seminar**
Dr. Juan Carlos Rodriguez, UTEC Peru
Monday, March 7, 2022 at 4:00 PM in 219 BRL and
via Zoom: <https://udel.zoom.us/j/98093174367>
“[Chemistry in the sustainable extraction of valuable metals from complex mineral matrices](#)”
- **Materials Science & Engineering Seminar**
Dr. Andrei Faraon, California Institute of Technology
Wednesday, March 9, 2022 at 1:00 PM
via Zoom: <https://udel.zoom.us/j/95594020859>
Password: MSEGSEM
“[Metaphotonics with 2D and 3D Engineered Optical Materials](#)”
- **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**
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.

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.
- **Resilience**
Position: [Scientist II, Vector Downstream Processing](#)
Brief description: Resilience is seeking a talented process development scientist / engineer to establish local downstream expertise in our Vector Process Development team. This team supports preclinical and clinical pipelines enabling IND filings for Resilience's partners and drives development and implementation of innovative internal technology platforms. The Scientist II will play a significant role in leading the continued development and optimization of Resilience's lentiviral vector manufacturing processes, focusing on downstream process unit operations including clarification, chromatography, tangential flow filtration, and sterile filtration process steps. The successful candidate will update the design of downstream process, lead laboratory scale studies to identify and define ranges for process parameters, establish scalability across experimental and clinical supply processes, and support technology transfer to Resilience's in-house GMP manufacturing facility.

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