

NEWS OF THE WEEK

MARCH 14, 2022

CBE IN THE NEWS

- [Updates regarding the COVID-19 vaccine](#)
- [Sustainably sourcing coal waste](#)

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>
 - **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
- **Colburn Club Events**
 - **Department Happy Hour (in-person)**
Thursday, March 17, 2022 at 5:00 PM
at Homegrown on Main Street
 - **Field Day**
Thursday, March 31, 2022 at 5:00 PM
Location TBD
- **CCST 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

- **NRT-Midas Community Hour**
Professor Mike Webb, Princeton University
Friday, March 18, 2022 at 12:00 PM
via Zoom: <https://udel.zoom.us/j/95756735268>
[“Polymer design at the nexus of simulation and machine learning”](#)
- **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 StudiesTo 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.
 - **Position:** [Sr. Systems Engineer](#)
Location: East Hartford, CT
Brief description: Responsible for the planning of technical design, system integration, cost and risk assessment, and compliance assessment of technological systems. Collaboration with the product office to define system and component level requirement, and to develop an architecture that satisfies those requirements. Typical technically-driven systems tasks include requirements management, concept design including trade studies, steady-state mass and energy balance, dynamic modeling and analysis, failure mode analysis, control synthesis, and verification/validation testing and analysis. The Systems group is involved throughout the entire product life cycle, from concept to field support. Accountable for the support and advancement of entire systems projects, programs, research and operational results. A focus of this role is the ongoing personal and career develop of the systems engineering staff. This role is for a fully developed professional able to work without direct guidance or direction from others. Responsible for several components of a project, or a complex component of a larger project.

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