

NEWS OF THE WEEK

APRIL 4, 2022

CBE IN THE NEWS

- [Updates regarding the COVID-19 vaccine](#)
- [Digging for cures](#)
- [Bioinspired innovations](#)
- [Roadmap for the future](#)

DEPARTMENT'S SEMINAR/EVENTS:

- **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
- **GAAN Information Session**
Thursday, April 7, 2022 beginning at 4:00 PM in 240 CLBFor those that don't know – GAANN is a department of education funded graduate training program, aimed at better preparing PhD's for future careers in research and teaching. Our specific program focuses on inclusive teaching, as one means towards improving representation in Chemical Engineering.

Any PhD student that has done at least one semester of TA (this can be currently happening) is eligible – typically students in their 2nd-3rd year. Previous recipients of GAANN funding are eligible, but priority is given to first time applicants. Teaching Fellows recipients are likewise eligible. You must be a US citizen or permanent resident to be eligible for funding, but anyone is eligible to participate in most aspects of the program.

GAANN supported fellows will receive support for their stipend and tuition through project funds. GAANN supported fellows also receive payment for fees, in addition to the stipend.

GAANN fellows do a few hours of training over the summer and meet bi-weekly throughout the year to learn about pedagogy, inclusive teaching, do 2-3 lectures of mentored teaching in a core CBE course, and give/provide feedback to others in the cohort. Up to 8 fellowships are available this year.

- **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**
 - **Chong Liu, University of California, Los Angeles**
Monday, April 11, 2022 at 10:00 AM in 366 CLB
or via Zoom: <https://udel.zoom.us/j/98086980351>
[“Non-equilibrium Chemical and Biological Systems with Microscopic Electrochemical Control”](#)
 - **Eranda Nikolla, Wayne State University**
Friday, April 15, 2022 at 10:00 AM in 366 CLB
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](#)
 - **Joshua Schaidle, National Renewable Energy Laboratory**
Friday, April 29, 2022 at 2:30 PM in 366 CLB
or via Zoom: <https://udel.zoom.us/j/96654679772>
[“Accelerating the Catalyst and Process Development Cycle for Bioenergy Applications”](#)
- **WIE Events**
 - **Pizza Lunch**
Women in Engineering (WIE) is organizing our annual womxn-only pizza lunch on April 7th downstairs at the Bacchus Theater in Perkins student center. We normally host a pizza lunch in the fall to welcome the new first-year COE womxn graduate students, but this year we are celebrating the end of the pandemic.

Please join us for a chance to learn more about what WIE is and meet womxn graduate students from other departments. We especially welcome new womxn graduate students to attend and meet with WIE representatives. We look forward to seeing you there!

Here is the link to RSVP: <https://forms.gle/o4nAaM6Uei7MkPzo6>

Who: Womxn graduate students, postdocs, and faculty!

When: Thursday, April 7th at 12:30 pm to 2:00 pm

Where: Bacchus Theater at Perkins Student Center (Lower floor 006)

OTHER DEPARTMENT'S SEMINAR/EVENTS

- **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.
- **Biological Sciences Seminar Series**
 - **Dr. Vann Bennett, Duke Cancer Institute**
Tuesday, April 12, 2022 at 5:00 PM in 131 SHL
Reception to immediately follow
[“Giant ankyrins awake: New insights from human neurodevelopmental mutations”](#)
 - **Dr. Kathryn Ramsey, University of Rhode Island**
Monday, April 18, 2022 at 1:30 PM in 218 WLF
or via Zoom: <https://udel.zoom.us/j/96588940462>
Reception to immediately follow
[“Control of Virulence in the Bacterial Pathogen and Potential Bioweapon Francisella tularensis”](#)
- **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.
- **Musculoskeletal Research Symposium**
Friday, April 29, 2022 at 1:00 PM in STAR Health Science Complex, North Atrium
One goal of this symposium is to build connections, faculty are invited to present a 5-minute research overview (Faculty only) and students are invited to present a research poster during the poster networking reception.
[CLICK HERE](#) for more information and to register.

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.
- **DOW**
Position: [Reaction Engineering Research Specialist](#)
Job #: R2030013
Brief description: Dow has an exciting job opportunity for a Senior Research Specialist in the Reaction Engineering discipline within Core R&D Engineering and Process Science based in Midland, MI or Lake Jackson, TX. The reaction engineering group utilizes a balance of theory, experimentation, and modeling to understand the fundamentals of chemical reactions. Modeling includes molecular through full-scale production and utilizes state of the art software. The experimental work uses highly automated tubular, fixed bed, and stirred tank systems, including single-pass and recycle fixed beds with on-line gas chromatography, and stirred tank reactors equipped with various analytical techniques from in situ Raman and FTIR to heat flow calorimetry. The successful candidate will become an expert in one or more areas of experimental, computational, and theoretical capabilities as it pertains to Reaction Engineering.

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