

NEWS OF THE WEEK

MARCH 28, 2022

CBE IN THE NEWS

- [Updates regarding the COVID-19 vaccine](#)
- [Four engineering professors honored](#)

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

- **Mathematical Sciences Department**
 - Inverse Problems and Analysis
Tuesday, April 5, 2022 at 10:00 AM via Zoom
Speaker: Prof. Elizabeth Gillaspay
Title: TBD
 - **Mathematics of Quantum Science**
Tuesday, April 5, 2022 at 1:00 PM 336 EWG and via Zoom
Speaker: Prof. Jason Crann, Carlton University, (Ottawa)
Title: Purpose: talk at the QIC seminar
 - **Hallenbeck Graduate Student Seminar (HGSS)**
Wednesday, April 6, 2022 at 2:30 PM 336 EWG
Speaker: Dongbin Li
Title: On the Geometric Aspects of Laplacian Eigenvalues
 - **Discrete Mathematics/Algebra**
Thursday, April 7, 2022 at 1:00 PM 336 EWG and via Zoom
Speaker: Prof. Brian Kronenthal, Kutztown University of PA
Title: Isomorphism Questions on Maximal Girth Algebraically Defined Graphs Eigenvalues
 - **Applied Mathematics and Mathematical Medicine and Biology**
Thursday, April 7, 2022 at 3:30 PM 336 EWG and via Zoom
Speaker: Prof. Jennifer Shafter, School of Music, UD
Title: Classification and Pattern Extraction: Applications of Wavelets in Music Analysis
- **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.

- **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”](#)
- **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.
- **University of Melbourne**
Position: [Lecturer in Chemical Engineering](#)
Job #: 0053436
Brief description: As an aspiring leader in Chemical Engineering, this position will deliver teaching into graduate and undergraduate programs as well as build a world class, independent and well-funded research program in a field consistent with the department's research domains. The Lecturer will collaborate with key stakeholders internally within the department and the school and more broadly through external key industry and government agencies.
- **University of Pennsylvania**
Position: [CBE Lecturer Position in Energy & Sustainability 2022](#)
Brief description: The University of Pennsylvania's Department of Chemical and Biomolecular Engineering is pleased to welcome applications for a teaching position as a Lecturer or Senior Lecturer. The department is interested developing and delivering new curriculum in the broad area of Energy and Sustainability. We seek individuals with exceptional promise for, or a proven record of, excellence in teaching. We seek a dedicated, accomplished, and highly motivated, full-time instructor to develop and teach undergraduate and Master's-level courses related to engineering for energy applications, energy science and technology, energy markets, energy policy, environmental impacts of energy, and other areas.
- **MERCK**
Position: [Associate Scientist](#)
Brief description: The successful candidate will be a passionate Scientist with strong academic fundamentals and a drive to develop new medicines to improve human health. In this role, the individual will be responsible for supporting the formulation development of new chemical entities as part of a matrix team from initial first in human formulations (suspensions, solutions, capsules, tablets) through final market formulation definition and manufacturing process robustness assessment.

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