

NEWS OF THE WEEK

MAY 2, 2022

CBE IN THE NEWS

- [Updates regarding the COVID-19 vaccine](#)
- Congratulations to Professor April Kloxin for being selected for the Mid-Career Faculty Excellence in Scholarship Award from the Faculty Senate
- Congratulations to Professor Thomas Epps for being awarded the College of Engineering Faculty Award for Excellence in Research and Entrepreneurship
- Congratulations to Professor Cathy Fromen for being recognized by the AIChE Delaware Valley Section 2022 Outstanding Faculty Award
- Congratulations to Business Administrator Megan Argoe for being awarded the College of Engineering Staff Inspirational Leadership Award

DEPARTMENT'S SEMINAR/EVENTS:

- **CBE Seminar Series**
 - **Mijo Simunovic, Assistant Professor, Columbia University**
Friday, May 6, 2022 at 10:00 AM in 102 CLB
[“Synthetic Organogenesis: How Far Are We From Lab Grown Human Organs?”](#)
 - **Surita Bhatia, Professor, Stony Brook University**
Friday, May 29, 2022 at 10:00 AM in 102 CLB
[“Stratification and Pattern Formation During Evaporation of Nanoparticle Films”](#)
- **Memorial Service: Professor Babatunde A. Ogunnaike**
Saturday, May 14, 2022 at 10:00 AM at the STAR Audion
- **CBE 4th Year Talk**
Wednesday, June 1, 2022
Location: TBD
The 4th year Graduate Students will present their research at the Research Review on Wednesday, June 1, 2022 (location to be announced at a later time). The Chemical & Biomolecular Engineering Research Review is for fellow students, faculty, and industry. Although this event is free, registration is strongly recommended. [REGISTER NOW](#)
- **CCST Seminars**
Tanja Cuk, University of Colorado, Boulder
Wednesday, May 18, 2022 at 11:00 AM in 366 CLB
and via Zoom: <https://udel.zoom.us/j/96500020782>
Password: t@nja
[“Resolving a Catalytic Mechanism on an Electrode Surface: Using Time Resolution to Identify Theoretical Descriptors”](#)
- **UD CHARM & CRiSP Hybrid Symposium**
Professor Christian Pester, Penn State University
Thursday, May 5, 2022 at 10:00 AM in the Perkins Student Center
the Collins Room or via Zoom
Please [REGISTER](#) for the Zoom link
- **Colburn Club Event**
UD CBE | MSEG X DOW Asian Diversity Network presents: Career Panel
The Intersection of Science & Diversity
Friday, May 6, 2022 from 10:30 AM – 12:00 PM
[CLICK HERE](#) for more information
- **WiE Event**
[LGBTQ+ in STEM Event](#)
When: Friday, May 6, 2022 from 3:00 – 5:00 PM
Where: Perkins Student Center, back patio
(outdoor area between Harrington Turf and back entrance to Perkins Student Center)
Please join us for an afternoon full of yummy desserts, conversation and community with other UD graduate students, postdocs, faculty & staff in STEM. This event is open to EVERYONE—whether you identify as part of the LGBTQ+ community, are an ally or just want to learn more!
Location accessibility information: <https://tinyurl.com/yh6mw349>
Please [REGISTER](#) for this event

GAAN FELLOWS

- **GAAN Fellows Application**
The application requires your CV, a 1 page statement of interest in an academic career (or potentially an academic career) and the impact of inclusivity in education, filing out the FAFSA form, and filling out the FAFSA data release form.

For 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 – leading to a more diverse discipline. 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.

[CLICK HERE](#) to apply

OTHER DEPARTMENT'S SEMINAR/EVENTS

- **Physical Chemistry Seminar**
Dr. Justin DiAngelo, Penn State Berks
Dr. Joseph Che-Yen Wang, The Pennsylvania State University College of Medicine
Monday, May 2, 2022 at 2:00 PM in 219 BRL
or via Zoom: <https://udel.zoom.us/j/98093174367>
“Using Cryo-EM to Illuminate the Molecular Biology of Hepatitis B Virus”
- **Karl W. Böer Solar Energy Medals of Merit**
[The Institute of Energy Conversion 50th Anniversary Celebration](#)
Tuesday, May 3, 2022 at 1:30 – 5:00 PM in the Tower at STAR Audion
- **Materials Science Seminar**
Dr. Helen Zha, Rensselaer Polytechnic Institute
Wednesday, May 4, 2022 at 10:00 AM in 104 CLB
or via Zoom: <https://udel.zoom.us/j/97578887663>
[“From Proteins to Polymers and Back Again: Synthesis and Application of Silk-Inspired Materials”](#)
- **Biological Sciences Seminar Series**
Dr. Yun Ding, University of Pennsylvania
Monday, May 9, 2022 at 1:30 PM in 318 WLF
or via Zoom: <https://udel.zoom.us/j/96990304254>
[“On the Neural Basis Underlying the Evolutionary Turnover of Fruit Fly Love Song”](#)

JOBS/RECRUITING

- **STF Technologies, LLC**
Position: [Research Scientist/Engineer, Scientific Instrument Development](#)
Job ID #: 6299391
Brief description: Under supervision of the primary investigators and working closely with a multi-disciplinary team from STF Technologies, the University of Delaware, and partnering companies, the candidate will conduct research and perform laboratory testing to support the development of advanced scientific instrumentation for materials testing.
- **University of Delaware, Department of Chemical & Biomolecular Engineering**
Center for Neutron Science / NIST Center for Neutron Research, Gaithersburg, MD.
 - **Position:** [Mechanical Engineering Technician](#)
Position #: 496728
Brief description: Reporting to the Director, this position serves as a Mechanical Engineering Technician in a Neutron research environment providing a wide range of technical and overall facility support. Individual should be organized, detailed oriented, safety conscious with the ability to work in a collaborative atmosphere. The University of Delaware has won a competitive award of more than \$7 million over a five-year period from the National Institute of Standards and Technology (NIST) and will use it to develop the next generation of neutron scattering instrumentation through the creation of the UD Center for Neutron Science. Neutron scattering is a nanoscale measurement technique that is complementary to X-ray and light scattering as a means to probe the structure of materials. Since neutron scattering requires a high-flux neutron source, measurements are carried out at large national facilities such as the NIST Center for Neutron Research (NCNR) in Gaithersburg, MD. UD center staff will work on-site at the NCNR, helping design and build the next generation of neutron scattering instrumentation that will be used worldwide. The Mechanical Eng Technician position will reside at the NIST Center for Neutron Research (NCNR) in Gaithersburg, MD. The NCNR is a national user facility providing a source of intense beams of neutrons and maintaining and developing a suite of over 20 research instruments.
 - **Position:** [Computer Engineer/Computer Scientist](#)
Job #: 496990
Brief description: The College of Engineering is recruiting for a Computer Engineer/Computer Scientist in the UD Center for Neutron Science. This advertisement lists the specific tasks/responsibilities for the most junior-level position. The University of Delaware has won a competitive award of more than \$7 million over a five-year period from the National Institute of Standards and Technology (NIST) and will use it to develop the next generation of neutron scattering instrumentation through the creation of the UD Center for Neutron Science. Neutron scattering is a nanoscale measurement technique that is complementary to X-ray and light scattering as a means to probe the structure of materials. Since neutron scattering requires a high-flux neutron source, measurements are carried out at large national facilities such as the NIST Center for Neutron Research (NCNR) in Gaithersburg, MD. UD center staff will work on-site at the NCNR, helping design and build the next generation of neutron scattering instrumentation that will be used worldwide. The Computer Scientist position will reside at the NIST Center for Neutron Research (NCNR) in Gaithersburg, MD. The NCNR is a national user facility providing a source of intense beams of neutrons and maintaining and developing a suite of over 20 research instruments. The center serves more than 2000 scientists and engineers annually.

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