

NEWS OF THE WEEK

FEBRUARY 15, 2021

CBE IN THE NEWS

- [Kelly, Thompson elected to National Academy of Engineering](#)
- [Congratulations to Yuyin Xi and Yun Liu for having their paper on SeedGel being published at Nature Communication](#)
- [Thomas Epps elected as an AIMBE Fellow, Class of 2021](#)
- [Inspiring Innovation](#)
- Congratulations to Prof. Dionisios Vlachos, for the award recognizing Exceptional Achievements in Catalysis. This award acknowledges excellence and scientific leadership in catalysis science and technology by an individual, emphasizing the impact of a researcher's work in the broad field of catalytic chemistry and catalytic materials or molecules.
- Congratulations to Xutao (Steve) Shi for having his abstract accepted to the 2021 Excellence in Graduate Polymer Research Symposium. Selection to this symposium is a distinct honor and recognition in the polymer community.
- Congratulations to Arjita Kulshreshtha for being recognized with a best poster award during the UD Data Science Institute hosted DARWIN Computing Symposium held on February 12.

DEPARTMENT'S SEMINAR/EVENTS:

- [CCST 2021 Spring Webinar Series](#)
 - **Feb. 24, 2021 @ 10 AM**
Qi Lu, Tsinghua University
10:00 AM Virtual Seminar – [Registration](#) required
[“Mechanistic Insights into CO₂/CO Electroreduction Catalyzed by Cu”](#)
 - **Mar. 03, 2021 @ 10 AM**
Sen Zhang, University of Virginia
10:00 AM Virtual Seminar – [Registration](#) required
 - **Mar. 10, 2021 @ 11 AM**
Miguel Modestino, New York University
11:00 AM Virtual Seminar – [Registration](#) required
[“Designing Organic Electrosynthesis Processes for Sustainable Chemical Manufacturing”](#)
 - **Mar. 17, 2021 @ 10 AM**
Karthish Manthiram, Massachusetts Institute of Technology
10:00 AM Virtual Seminar – [Registration](#) required
[“Controlling Interfacial Electron and Atom Transfer Reactions for Chemical Synthesis”](#)
 - **Mar. 31, 2021 @ 10 AM**
Joshua Snyder, Drexel University
10:00 AM Virtual Seminar – [Registration](#) required
[“Sustainable Synthesis of Functional Nanomaterials for Energy Applications”](#)
 - **Apr. 21, 2021 @ 10 AM**
Matthew Kanan, Stanford University
10:00 AM Virtual Seminar – [Registration](#) required
 - **May 05, 2021 @ 10 AM**
Rachel Getman, Clemson University
10:00 AM Virtual Seminar – [Registration](#) required
[“Molecular-Level Insights into How Liquid Water Influences Catalytic Phenomena at Water/Catalyst and Water/Electrocatalyst Interfaces”](#)
- **DEI Webinars**
 - **Christopher Hardacre, Ph.D.**
Friday, February 19, 2021 at 9:00 AM
“Non-Thermal Plasma Activated Catalysis”
[Click here](#) to attend the virtual seminar
 - **R. Mohan Sankaran**
Friday, February 26, 2021 at 11:00 AM
“The Dynamic Plasma-based Electrochemical Interface for the Synthesis of Chemicals and Materials”
[Click here](#) to attend the virtual seminar

OTHER DEPARTMENT'S SEMINAR/EVENTS:

- **Department of Physics & Astronomy**
 - Dr. Marko Loncar, Harvard University
Tuesday, Feb. 16, 2021 at 2:00 PM via zoom <https://udel.zoom.us/j/93742857727>
“Photonic and Phononic Interfaces for Diamond Spin Qubits”
- **Astronomy & Space Physics**
 - Dr. Eileen Gonzales, Cornell
Tuesday, Feb. 16, 2021 at 4:00 PM via zoom <https://udel.zoom.us/j/93760142493>
Password: astro
“Understanding Atmospheres across the Stellar-Substellar Boundary”
- **Physical Chemistry Seminar**
 - Dr. Wouter Roos, University of Groningen
Wednesday, Feb. 17, 2021 at 4:00 PM via zoom <https://udel.zoom.us/j/98093174367>
[“From Self-Assembly to Mechanics of Viral Particles”](#)
- **Biomedical Engineering Seminar Series**
 - Dr. Adam Foley, University of Delaware
Friday, Feb. 19, 2021 at 10:30 AM via zoom <https://udel.zoom.us/j/97385890206>
Passcode: 538363
[“Understanding and Reshaping a Culture of Inclusion in Academia”](#)
- **Computer & Information Sciences**
 - Dr. David Shepherd, Virginia Commonwealth University
Friday, Mar. 5, 2021 at 3:00 PM
[CLICK HERE](#) to register
[“The Push to Product- Strategies for Taking Your Research Into Practice”](#)

DOW WEBINAR:

- **Preparing the Next Generation Workforce for Sustainable Action**
When: Mon., Feb. 22 from 12:00–1:00 PM
Where: [Register now to join](#)
Why: Join us for a webinar to learn about Green Chemistry from one of the founders of the field, to understand the value of Green Chemistry at Dow and how the Green Chemistry Commitment (GCC) is helping higher education institutions integrate Green Chemistry into the curriculum and practice. The goal of this webinar is to engage Dow's university leads and faculty at academic partner institutions, provide information about Green Chemistry and its importance to both industry and academia as well as to give a call to action to sign the Green Chemistry Commitment and invite signers to submit for a Green Chemistry Education Challenge Award.

Speakers:
Eunice Heath, MS, Corporate Director of Sustainability at Dow
John Warner, Ph.D., Distinguished Research Fellow, Zymergen and Co-Founder of Beyond Benign
Amy Cannon, Ph.D., Co-Founder & Executive Director of Beyond Benign

JOBS/RECRUITING:

- **Stevens Institute of Technology**
Position: [Tenure-Track Assistant Professor of Chemical Engineering](#)
Job #: RQ24136
Brief description: Available for undergraduates and graduates with background in downstream bioprocessing and preferably high-throughput processing. Interested students can send their resumes to Mahsa Hadidi via email mahsa.hadidi@sanofi.com.
- **AstraZeneca**
Position: [R&D Associate I/II](#)
Location: Gaithersburg, MD
Job ID: R-100165
Brief description: The position resides in the Critical Pipeline Reagent Sciences Group (CPRS) contained within the Purification Process Sciences R&D department. Members of the CPRS function work closely with the research scientists and process development scientists to generate pipeline supporting molecules. Position may require weekend work and/or periodic late-nights.
- **Abbott**
Position: [Senior Scientist Technical Support – Materials Scientist](#)
Location: Illinois – Abbott Park
Job #: 30970107
Brief description: Our location in Lake Bluff, IL, currently has an opportunity for a Senior Scientist Technical Support – Materials Scientist. Independently perform analytical testing, analysis, and write reports to support complex, long-duration projects, product improvements and investigations for materials utilized in in-vitro diagnostics. Proactively identify opportunities for significant operational; process; or product improvements.
- **Carnegie Mellon University**
Position: [Teaching-track Faculty](#)
Location: Pittsburgh, PA
Brief description: The Department of Chemical Engineering at Carnegie Mellon University invites applications for a teaching-track faculty position starting in the Fall 2021 semester. We seek enthusiastic and dynamic teaching professors to teach a broad range of courses in chemical engineering and related areas, and to enhance the educational experience of students more broadly both inside and outside the classroom. It is expected that the applicant will teach a diverse set of students effectively at both the undergraduate and graduate levels within the Department and contribute positively to the educational mission of the units.

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