

NEWS OF THE WEEK

AUGUST 30, 2021

CBE IN THE NEWS

- [Updates regarding the COVID-19 vaccine](#)
- [A 'hat trick' of honors for UD's Jayaraman](#)
- Congratulations to Byung Hee Ko for being an awardee in the 2021 I&EC Division Graduate Student Award Symposium

DEPARTMENT'S SEMINAR/EVENTS:

- CBE Seminar Series
 - Dr. Huimin Zhao, University of Illinois at Urbana-Champaign
Friday, September 17, 2021 @ 10:00 AM in 102 CLB
[Synthetic Biology: Putting Synthesis into Biology](#)
 - Dr. Stacey Finley, University of Southern California
Friday, September 24, 2021 @ 10:00 AM in 102 CLB
[Mechanistic Modeling of Immune Cell Activation in Cancer](#)
- CHEG Moo Mobile
 - Thursday, September 16, 2021 from 12-2 PM, next to Colburn Lab & UD Facilities
Ticket pick-ups available in 237 CLB on:
September 15 from 11:00 AM – 1:00 PM
September 16 from 11:00 AM – 1:00 PM

FUTURE LEADERS IN CHEMICAL ENGINEERING

- Future Leaders in Chemical Engineering—NC State Engineering
October 24-25, 2021
Future Leaders in Chemical Engineering is a one and one-half day, all-expense paid research symposium at NC State University recognizing the top undergraduate researchers in chemical engineering in the United States. Chemical engineering researchers (and those in related fields) who are within one year of graduating are [eligible to apply](#).

JOBS/RECRUITING:

- Princeton University
Position: [Assistant Professor](#)
Brief description: The Department of Chemical and Biological Engineering at Princeton University seeks outstanding applicants for a tenure-track appointment at the Assistant Professor level, effective as early as September 1, 2022. The search is open to candidates specializing in any area of chemical engineering. The successful candidate should have a Ph.D. in Chemical Engineering or a related field, demonstrated excellence in academic research, and a strong interest in teaching and advising undergraduate and graduate students. We seek faculty members who will create a climate that embraces excellence and diversity, with a commitment to teaching and mentoring that will enhance the work of the department and attract and retain a diverse student body.
- GSK
Position: [Investigator, Materials Science](#)
Brief description: As a member of Materials Science, you will use your materials characterization knowledge and expertise to provide holistic understanding of the relationship between crystal structure and powder properties for drug product manufacture and contribute to the development and deployment of state-of-the-art methodologies and technologies to enable the delivery of our medicines. Materials Science supports the small molecule portfolio in GSK Pharma R&D. The environment is highly technical and dynamic as you will be collaborating across multi-disciplinary project teams. You will thrive in this environment if you are able to effectively prioritize and manage multiple tasks, communicate your recommendations clearly, and if you are a team player who enjoys working in diverse multi-disciplinary teams.
- Cornell University
Position: [Tenured or Tenure-Track Faculty Position in Chemical and Biomolecular Engineering](#)
Brief description: The ROBERT F. SMITH SCHOOL OF CHEMICAL AND BIOMOLECULAR ENGINEERING AT CORNELL UNIVERSITY, Ithaca, New York invites applications for tenure track faculty position in chemical and biomolecular engineering. The search is focused on candidates with specializations in theory and computation, including quantum systems, machine learning, and artificial intelligence; however, all research areas will be considered. Junior candidates are strongly encouraged to apply and must show outstanding research and potential for excellence in teaching and graduate student mentorship. Senior candidates with exceptional accomplishments in research, teaching, and graduate student mentorship are also encouraged to apply. Applicants must hold a doctorate in an appropriate field; salary and rank are commensurate with qualifications and experience.
- The Ohio State University
Position: The William G. Lowrie Department of Chemical & Biomolecular Engineering seeks [FOUR chemical engineering faculty](#) to join a collegial group of 24 faculty:
 1. [Endowed full professor](#) with expertise in a broad range of fields within ENERGY / SUSTAINABILITY / MATERIALS or BIOENGINEERING.
Energy/Sustainability fields include advanced materials, separations, reaction engineering, and catalytic or non-catalytic processes that are associated with but not limited to photo-, electro-, and/or thermo-chemical systems, as well as sustainability, green chemistry, process control, modelling, machine learning, data analytics, and artificial intelligence or cancer, cardiovascular, or infectious disease diagnostics or therapies, biomaterials, cellular systems, and metabolic modeling.
Bioengineering research fields include cancer, cardiovascular, or infectious disease diagnostics or therapies, biomaterials, cellular systems, and metabolic modeling.
 2. [Tenure-track asst. prof.](#) in ENERGY/SUSTAINABILITY (see fields listed above);
 3. [Tenure-track asst. prof.](#) in BIOENGINEERING (see fields above);
 4. [Non-tenured professor of practice](#) for teaching core lecture and laboratory courses.

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