

NEWS OF THE WEEK

Aug. 02, 2021

CBE IN THE NEWS

- [Updates regarding the COVID-19 vaccine](#)
- [Using zero gravity of space](#)
- [Probing the powers of zeolites](#)

JOBS/RECRUITING:

- **CHEG Moo Mobile**
 - **Thursday, August 5, 2021 from 12-2 PM**, next to Colburn Lab & UD Facilities
Ticket pick-ups available in 237 CLB on:
 August 4 from 11:00 AM – 1:00 PM
 August 5 from 11:00 AM – 1:00 PM
 - **Wednesday, August 25, 2021 from 12-2 PM**, next to Colburn Lab & UD Facilities
Ticket pick-ups available in 237 CLB on:
 August 24 from 11:00 AM – 1:00 PM
 August 25 from 11:00 AM – 1:00 PM
 - **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

CBE EMPOWER EVENTS:

- **Sci Comm Seminar Series on Scientific Presentations**
Friday, August 6, 2021 at 10:00 AM in 366 CLB
The seminar will be a combination of tips from grad students, open discussion/Q&A, and structured work time for making slides. Everyone is welcome to attend the seminar, as we will discuss topics broadly applicable to many types of presentations. First year students: we especially encourage you to attend, as we will give some helpful tips for quals!

CBE RESEARCH POSTER SESSION:

- **In-Person Poster Session**
Monday, August 16, 2021
You are cordially invited to present or attend an in-person poster session on Aug 16th for chemical engineering students that performed research this summer in the department. Posters will be set up on the first floor of Colburn and AIChE Co-President Sean Wirt has set up a form below to gather information about the posters and your availability.
 - So, if you are doing research this summer and Sean Wirt has not bugged you yet, please fill out [the form](#) at the link below. He would like titles and abstracts by Jul 30.
 - Or, if you would like to support your fellow CHEGs and learn more about research in the department, please fill out [the form](#) and indicate if you'd like to attend as a guest (https://delaware.ca1.qualtrics.com/jfe/form/SV_OSA9CPxuzWN0P2K)

CENTER FOR NEUTRON RESEARCH (NCNR) EVENTS:

- **Three-Day "Fundamentals of Neutron Spin Echo (NSE) Spectroscopy for Biology and Soft Matter" workshop**
 - **October 27-29, 2021**
An educational workshop on fundamentals of NSE spectroscopy applied to soft matter and biology, will prepare the scientists for the use of NSE techniques. The basics of static and quasi-elastic neutron scattering, NSE instrumentation and NSE experimental design and data analysis will be covered. In addition, students will select from three interest group sessions on polymers, proteins or lipid membranes. The workshop will prepare participants to use the new, upgraded NSE in the National Institute of Standards and Technology Center for Neutron Research (NCNR) to benefit their research. The workshop is on a "start-to-end" concept which means not only lectures and hands-on exercises but also proposal writing and instrument selection etc. will be covered to engage the participants in a full experience of a NSE project. The workshop is funded by the National Science Foundation (NSF), which includes all local expenses. There will be additional funding available for travel to and from the workshop. Attendance will be limited to 20 participants.

For further information, and/or to apply, please go to <https://cns.che.udel.edu/2021-educational-workshop>. Early application is advised since attendance is strictly limited.
Deadline: Aug, 15th 2021

JOBS/RECRUITING:

- **DOW**
Position: [Recruiting Events](#)
Brief description:
 - **Tue. & Wed., Aug. 3 & 4:** Students should sign-up in Handshake for the following job: #4947801 2021/2022 PhD Chemical Eng./ Materials Sci. for Research & Development
 - Potential candidates should also be sure to sign up for our dedicated LinkedIn group: Dow Recruiting at University of Delaware: <https://www.linkedin.com/groups/8611996/>
- **Vertex**
Position: [Chemical Engineering Scientist](#)
Req.: 12295 Loc.: Boston, MA
Brief description: Vertex is seeking a talented individual to join the Engineering and Materials Science group in Boston, MA. The successful candidate will be a highly productive, results-oriented individual, able to multi-task and generate and implement original ideas that contribute to the successful development and scale-up of drug substance candidates. Strong communication, organization, and planning skills and a high level of technical aptitude and creativity are required for success in this position. The Chemical Engineering Scientist supports Vertex's drug development programs by applying fundamental engineering science to the development of pipeline candidates and to the creation of robust drug substance and drug product manufacturing processes. This role will design and execute chemistry and engineering experiments under limited supervision.
- **Lilly**
Position: [Research Scientist – Formulations Development](#)
Req.: 16576
Loc.: Indianapolis IN
Brief description: As a Research Scientist-Formulation Development, the scientist will be exposed to full breadth of opportunities to develop and enable novel formulations and delivery options for gene delivery including Adeno-Associated Viral Vector mediated gene delivery. Therefore, the candidate must demonstrate a history of strong technical depth, scientific leadership and a willingness to promote a collaborative, team-based approach to problem solving.

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