

NEWS OF THE WEEK

NOVEMBER 8, 2021

CBE IN THE NEWS

- [Updates regarding the COVID-19 vaccine](#)
- [Engineering future vaccines](#)
- [Interdisciplinary problem solving](#)
- [2021 Most Valuable Professor Night- Delaware Soccer](#)

DEPARTMENT'S SEMINAR/EVENTS:

• CBE Seminar Series

- **Kurt Wohl Memorial Lecture**

Dr. Jinguang Chen, Columbia University
Friday, November 19, 2021 @ 10:00 AM in 102 CLB
via Zoom: <https://udel.zoom.us/j/97520210237>
[Chemical Engineering Approaches for Catalytic Reduction of CO₂](#)

- **Dr. Jacinta Conrad**, University of Houston

Friday, December 3, 2021 @ 10:00 AM in 102 CLB
via Zoom: <https://udel.zoom.us/j/92635728693>
[Nanoparticle Transport in Crowded, Confined Media](#)

• CHARM Events

Virtual Professional Development Workshop

The Center for Hybrid, Active, & Responsive Materials (CHARM) at the University of Delaware invites STEM graduate students, postdocs, and senior undergrads pursuing grad school, to join us for a half-day virtual Professional Development Workshop next Thursday, November 4th, 2021, from 1-5 PM Eastern Time. The event brings together a number of outstanding faculty and leaders with advanced STEM degrees who will share their experiences and inspiration for academic and alternative career paths. There will be plenty of opportunities in the program to ask questions to our speakers.

Please see the [attached flyer](#) to share across your networks, and visit this link for a detailed agenda and registration: <https://mrsec.udel.edu/2021/10/18/early-career-mrsec-professional-development-workshop-on-nov-4th/>

This webinar is offered in partnership between the NSF Materials Research Science and Engineering Centers (MRSECs) at the University of Delaware, Princeton University, and the University of Chicago. Sessions will be facilitated with CBE-EmPOWER graduate students from the University of Delaware.

OTHER DEPARTMENT'S SEMINAR/EVENTS:

• Department of Biological Sciences, Fall 2021 Seminar Series Guest Speaker

Anita M. Quintana, Ph.D., Department of Biological Sciences–The University of Texas, El Paso
Monday, November 8, 2021 at 1:30 PM in 318 WLF
via Zoom: <https://udel.zoom.us/j/96709681777>
[“Zebrafish as a model to understand genetic pediatric disorder”](#)

• Physical Chemistry Seminar

Pilar Cossio, Ph.D., Flatiron Institute
Monday, November 8, 2021 at 4:00 PM
via Zoom: <https://udel.zoom.us/j/9893174367>
[“Ligand binding and peptide design using molecular simulations”](#)

• Astronomy on Tap

Matt Shultz and Riley Clarke
Monday, November 8, 2021 at 6:00 PM at
The Green Turtle (250 S. Mail St., Newark DE)
[Star Talk, Astro-News, Prizes, and Awesome Brews](#)

• Materials Science & Engineering

Dr. Fei Ding, Centre for Nano Optics, University of Southern Denmark
Wednesday, November 10, 2021 at 10:30 AM
via Zoom: <https://udel.zoom.us/j/91535440264>
Password: MSEGSEM
[“Manipulating Circularly Polarized Optical Radiation with Functional Metasurfaces”](#)

• Physics and Astronomy

Alexandre Tkatchenko, University of Luxembourg
Wednesday, November 3, 2021 at 7:00 PM in 104 GOR
via Zoom: <https://udel.zoom.us/j/99934722754>
Password: 508208“On Electrons and Machine Learning Force Fields”

JOBS/RECRUITING

• Swiss National Science Foundation

The Swiss National Science Foundation has just launched a new fellowship program for INCOMING POSTDOCS. The program is open for candidates from the US, and because the timeline is crazily short, the odds of winning such a generous fellowship should be quite high. Please encourage qualified candidates who might be interested to contact any of us Adolphe Merkle Institute (AMI) Profs. to explore this further. The deadline is December 15th, but candidates must pre-register by November 15th and would have to open an SNSF account beforehand, which will take a few days, so timing is indeed tight. Details are here: <https://www.snf.ch/en/m1NtWp4nTELQixlu/funding/horizon-europe-swiss-postdoctoral-fellowships> and we'd be happy to provide guidance and support.

• University of Cambridge

Position: [Assistant Professor](#)
Reference #: NQ28717

Brief description: The Department of Chemical Engineering and Biotechnology is seeking to appoint an Assistant Professor (University Lecturer) from October 2022 or sooner. The successful candidate will be designated as an Associate Professor once probation has been successfully completed.

• University of Kansas (Lawrence)

Position: [Assistant/Associate/Full Professor of Pharmaceutical Chemistry](#)

Brief description: The Department of Pharmaceutical Chemistry at The University of Kansas (Lawrence) invites applications and nominations for a position of Assistant, Associate or Full Professor. Depending on the rank of appointment, the successful candidate should have established research interest or accomplishments in the design, delivery, biophysical characterization and/or analysis of vaccines, therapeutic biologics or therapeutic proteins.

• Tulane University

Position: [Tenure-track Assistant Professor, Chemical and Biomolecular Engineering](#)

Brief description: The Chemical & Biomolecular Engineering Department at Tulane University seeks outstanding candidates for an opening at the rank of Assistant Professor. Competitive applicants will demonstrate research excellence and a commitment to teaching at the undergraduate and graduate levels. This search is focused on candidates with a background in life science, with a particular emphasis in computational systems biology.

• Virginia Tech

• **Position:** [Professor and Department Head](#)
Job #: 517901

Brief description: The Department of Materials Science and Engineering at the Virginia Polytechnic Institute and State University (Virginia Tech) is seeking nominations and applications for the position of Department Head. In support of the strategic initiatives of the College of Engineering at Virginia Tech, the MSE Department seeks a dynamic leader committed to fostering an environment in which faculty, staff, and students from a variety of backgrounds, cultures, and personal experiences are welcomed and can thrive.

• **Position:** [Collegiate Assistant/Associate](#)

Job #: 517917

Brief description: The Department of Materials Science and Engineering [MSE] at Virginia Tech seeks applications for a collegiate faculty member at the assistant or associate level. This is a non-tenure track, academic year position, renewable after 3 (assistant-level) or 5 (associate-level) years. The primary responsibility of this position will be undergraduate instruction and course development, especially for laboratory courses.

• VT College of Engineering Job Openings

[Multiple teaching & research positions](#)

Brief description: The Virginia Tech College of Engineering is seeking applicants for multiple teaching and research as well as instructional faculty positions across several departments. Please click on the particular department link to be redirected to the specific positions for that department.

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