

NEWS OF THE WEEK

NOVEMBER 14, 2022

CBE IN THE NEWS

- [Updates regarding the COVID-19 vaccine](#)
- [UD faculty among world's most influential researchers](#)

DEPARTMENT'S SEMINAR/EVENTS:

- **CBE Seminar Series**
Dr. Charles Schroeder, University of Illinois at Urbana-Champaign
Friday, December 2, 2022
10:00 AM in 102 CLB and via ZOOM: <https://udel.zoom.us/j/91314568641>
[Single Polymer Dynamics of Ring-Linear Blends and Entangled Solutions](#)

OTHER DEPARTMENT'S SEMINAR/EVENTS:

- **Biological Sciences Seminar**
Melinda K. Duncan, University of Delaware
Friday, November 14, 2022
1:30 PM in 318 WLF and via Zoom: <https://udel.zoom.us/j/93894460182>
[Lens wound healing and posterior capsular opacification](#)
- **Biomedical Engineering Seminar Series**
Anne Chappelle, SafeBridge Regulatory and Life Sciences Group
Friday, November 18, 2022
10:30 AM in 140AB BPI and via Zoom: <https://udel.zoom.us/j/97918813993>
Password: seminarBME
[Unintended Exposures in Medical Device and Drug Development](#)
- **MSEG 461/631 Special Seminar**
Micaela Matta, King's College London
Friday, November 18, 2022
11:10 AM in 219 BRL and via Zoom: <https://udel.zoom.us/j/96573553695>
[Interfacing photonics with artificial intelligence: a new design strategy for photonic metamaterials based on deep learning](#)
- **Analytical Chemistry Seminar**
Gregory Hartland, University of Notre Dame
Kallie Willets, Temple University
Friday, November 18, 2022
4:00 PM in 219 BRL and via Zoom: <https://udel.zoom.us/j/98093174367>
[Super-resolution imaging of plasmonic nanoparticles](#)

NRT EVENTS

- **NRT-MIDAS Community Hours**
Friday, November 18, 2022
12:00 PM via Zoom: <https://udel.zoom.us/j/98462332032>
[Professional Move From Chemical Industry to Startup](#)

VIRTUAL GRADUATE STUDENT RESEARCH SYMPOSIUM – UNIVERSITY OF MARYLAND

- **Fischell Department of Bioengineering- Recognizing Excellence in Bioengineering Academic Research**
January 18-19, 2023 from 1:00-5:00 PM (ET)
This symposium will feature 15-minute talks by graduate students, workshops and panels on the postdoctoral fellowship and faculty position search processes, featured talks from bioengineering faculty and STEM leaders, networking and mentorship sessions, and awards – including cash prizes.

Those interested in applying to present their research should have completed 3+ years of doctoral training in biomedical engineering, bioengineering, or a closely related field.

All graduate students who wish to apply should [complete the short interest form](#) by **Tuesday, November 15, 2022**.

Questions? Please email bioe-comms@umd.edu or Dr. Alisa Clyne.

JOBS/RECRUITING

- **Merck**
Position: [Senior Scientist, Sterile and Specialty Products](#)
Brief Description: Sterile and Specialty Products (SSP) group is responsible for developing non-oral dosage forms (injections, implants, inhaled, ocular) for small, intermediate, and large molecules from preclinical toxicology studies to commercialization. Our development teams ensure robust composition, primary packaging/ device, and process selection through deep fundamental understanding and characterization such that the process is scalable without compromising stability, safety, efficacy, and delivery.
- **Lubrizol Advanced Materials, LLS**
Position: [Sr. Chemist](#)
Brief Description: Sr. Chemist role within R&D, which supports Lubrizol Life Science Beauty Health Home business through invention, design, synthesis and evaluation of new, high performance specialty polymers and through technical support of Lubrizol's current product portfolio.
- **Massachusetts Institute of Technology (MIT)**
Position: [Tenure-Track Faculty Position](#)
Brief Description: The Department of Materials Science and Engineering (DMSE) together with the Schwarzman College of Computing at the Massachusetts Institute of Technology (MIT) in Cambridge, MA seeks candidates for shared tenure track faculty positions in the area of "Health of the Planet" to begin September 1, 2023 or on a mutually agreed date thereafter. The Department of Materials Science and Engineering and the Schwarzman College of Computing (SCC) are committed to fostering interdisciplinary research that can address grand challenges facing our society. We welcome outstanding applicants with research and teaching interests that revolve around advances in integrated efforts for simulation, computation, machine learning and AI methods for materials fundamentals and technology innovation in sustainability-related domains.

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