

NEWS OF THE WEEK

JANUARY 10, 2022

CBE IN THE NEWS

- [Updates regarding the COVID-19 vaccine](#)
- [New Information for Winter Session, Effective January 10](#)
- [Tackling the Plastics Problem](#)

DEPARTMENT'S SEMINAR/EVENTS:

- **Rheology Bootcamp**
January 12 & 13 from 9:00 AM – 12:30 PM in 366 Colburn
or via Zoom: <https://udel.zoom.us/j/97510576894>
[REGISTRATION](#) required
- **Center for Neutron Science Seminar**
Dr. Safa Jamali, Northeastern University
Wednesday, January 19, 2022
2:00 – 3:00 PM in 366 Colburn Lab
or via Zoom: <https://udel.zoom.us/j/98884992785>
“Rheology-Informed Neural Networks (RhINNs) for complex fluid modeling”
- **[POSTPONED] Winter Research Review—4th & 5th Year Talks**
Wednesday, January 26, 2022 @ Clayton Hall

OTHER DEPARTMENT'S SEMINAR/EVENTS

- **Gordon Research Seminars**
August 6-7, 2022 at Colby Sawyer College in New London, NH
[Medicinal Chemistry: Principles, Strategies and Case Studies in Medicinal Chemistry and Drug Discovery](#)

JOBS/RECRUITING

- **2022 Innovation Seed Grant**
Title: 2022 Innovation Seed Grant Competition
Award: up to \$4000 in lab/tool access at the UPenn Singh Center for Nanotechnology
Application: <https://www.nano.upenn.edu/2022-innovation-seed-grant-competition/>
Eligibility: Academic Research Groups (External to UPenn) and local Startups
Deadline: FEBRUARY 1, 2022
Brief description: The 2022 Innovation Seed Grant Competition invites the region's brightest minds to design or prototype innovative technology through the use of nanotechnology-related tools and equipment at the Singh Center for Nanotechnology. This grant is funded by the NSF National Nanotechnology Coordinated Infrastructure Program under grant NNCI-2025608 to encourage and facilitate external engagement and to promote innovation within the Mid-Atlantic region.
- **Vortex Fellows**
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More Information: [Vertex Fellows Program](#)
Application deadline: January 14, 2022
Brief description: The Vertex Fellows program is a unique, one-year opportunity for outstanding early career scientists and physicians to join Vertex project teams and help advance real drug discovery programs. In addition to hands-on experience, Fellows receive training on the drug discovery process, mentorship from senior leaders and exposure to many different business areas. The program is designed to augment, rather than replace, a traditional postdoctoral, residency or business school experience. David Altshuler, Executive Vice President, Global Research and Chief Scientific Officer, directs the program in collaboration with many leaders across the company.
 - **NRC Postdoc Fellowships in the NIST Polymers Processing Group**
Group Background: Our polymers processing group tackles scientific and measurement challenges in flexible & printed electronics, additive manufacturing (3D printing), rheology, self-assembled materials, and nanoscale structure measurement. We have a diverse array of soft materials structure measurement tools and computational resources. Our group is also a heavy user of synchrotron and neutron facilities. We have a special project focused on resonant soft X-ray scattering. Multiple advisors are available to match different interests. Alums of our group have found permanent follow-on employment as university PIs, industry researchers, and permanent staff at government labs (NIST, and others).
 - [Our RSoXS Program](#)
 - [Flexible and Printed Electronics](#)
 - [Nanolithography](#)
 - [Polymers Manufacturing and Rheology](#)

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