

## NEWS OF THE WEEK

FEBRUARY 20, 2023

### CBE IN THE NEWS

- [Updates regarding the COVID-19 vaccine](#)
- IN MEMORIAM: [Editorial for the Festschrift Honoring the Legacy of Babatunde A. Ogunnaike \(1956-2022\)](#)

### DEPARTMENT'S SEMINAR/EVENTS:

- **CBE Seminar Series**
  - **Robert L. Pigford Memorial Lecture**  
Rachel Segalman, University of California, Santa Barbara  
Friday, February 24, 2023 10:00 AM in 102 CLB  
and via Zoom: <https://udel.zoom.us/j/99615073260>  
[“Charge-neutral Polymer Complexes as Battery Components”](#)
  - **Allan P. Colburn Memorial Lecture**  
Michelle Calabrese, University of Minnesota  
Friday, March 17, 2023  
10:00 AM in 102 CLB  
and via Zoom: <https://udel.zoom.us/j/99615073260>  
[“Innovating Energy Solutions in a Net-Zero Future”](#)

### OTHER DEPARTMENT'S SEMINAR/EVENTS

- **Mechanical Engineering Seminar Series**  
**Dr. Chengyu Li, Villanova University**  
Friday, February 24, 2023  
11:30 AM in 103 GOR  
[“Computational Modeling of Biological and Physiological Flows Using a Versatile Cartesian Grid Method”](#)
- **Center for Composite Materials**
  - **Dr. Srikanth Pilla, ExxonMobil**  
Monday, February 27, 2023  
9:00 AM in 106 CCM  
[“Atoms to Auto”](#)
  - **Dr. Chuck Zhang, Georgia Institute of Technology**  
Wednesday March 1, 2023  
9:00 AM in 106 CCM  
[“Integrated Design and Scalable Manufacturing of Lightweight, Multifunctional Carbon Nanotube Buckypaper Nanocomposites”](#)

### DESCA EVENTS

- **Ready to Launch Seminar**  
[Spotlight Company – Bloom Energy](#)  
Tuesday, February 28, 2023  
5:30 PM – 7:30 PM  
in the UD Career Center's Workshop Room

### JOBS/RECRUITING

- **University of Pennsylvania**
  - **Position:** [CBE Lecturer Position in Energy & Sustainability 2023](#)  
**Location:** Philadelphia, PA  
**Brief Description:** The University of Pennsylvania's Department of Chemical and Biomolecular Engineering is pleased to welcome applications for a teaching position as a Lecturer or Senior Lecturer. The department is interested developing and delivering new curriculum in the broad area of Energy and Sustainability. We seek individuals with exceptional promise for, or a proven record of, excellence in teaching.
  - **Position:** [CBE Lecturer/Senior Lecturer Biotechnology 2023](#)  
**Location:** Philadelphia, PA  
**Brief Description:** The University of Pennsylvania's Department of Chemical and Biomolecular Engineering is pleased to welcome applications for a teaching position as a Lecturer or Senior Lecturer. We seek a dedicated, accomplished, and highly motivated, full-time instructor to deliver undergraduate and Master's-level courses in the area of biotechnology. The position requires the supervision and operation of a bioprocess/biomolecular lab course at the undergraduate and graduate level. Experience with molecular biology protocols, bioreactors, and chromatography is essential. Additionally, the position requires delivery of a semester long lecture course in bioprocess engineering and biotechnology.
- **University of Minnesota**  
**Position:** [Postdoctoral Fellow](#)  
**Brief Description:** The Zasadzinski group is looking to hire a postdoctoral fellow to work on an ongoing NIH sponsored project examining the effects of interfacial rheology on the development of acute respiratory distress syndrome (ARDS). ARDS is a pulmonary disease with a 40% mortality rate that effects over 300,000 people in the US each year. The underlying causes of the disease are not well understood, but we believe that ARDS may be explained by changes to the interfacial properties of the lung surfactant (LS) that occur during lung inflammation.

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