

NEWS OF THE WEEK

APRIL 26, 2021

CBE IN THE NEWS

- [Updates regarding the COVID-19 vaccine](#)
- Congratulations to Professor Mark Blenner for being recognized in the South Carolina Legislature through House Resolution 4118 for his role in the development and implementation of COVID-19 saliva testing in South Carolina.
- [Green energy technology](#)
- [Combating plastics waste](#)
- [In Memoriam: Denise M. Berilla](#)
- [“Podcast- Dion Vlachos- “Rebuilding Louisiana’s coast, and recycling plastic into fuel”](#)

CBE FACULTY OFFICE HOURS

- Profs. Mark Blenner & Wilfred Chen
Thursday, April 29 from 3:00 PM – 4:00 PM via Zoom: <https://udel.zoom.us/j/4064628202>
Come talk about anything from science, to food or sports.

DEPARTMENT’S SEMINAR/EVENTS:

- [CCST 2021 Spring Webinar Series](#)
 - **May 05, 2021 @ 10 AM**
Rachel Getman, Clemson University
10:00 AM Virtual Seminar – [Registration](#) required
[“Molecular-Level Insights into How Liquid Water Influences Catalytic Phenomena at Water/Catalyst and Water/Electrocatalyst Interfaces”](#)
- Grand Challenges Scholars Special Lecture
 - **Special Alumnus Lecture**
Tom Gutshall, Chairman and Co-Founder of Cepheid
Thursday, May 2, 2021 via Zoom
“From Pennsylvania to California and all the Stops in Between: Tackling the Grand Challenge of Global Health & Changing the World through Medical Diagnostics”
[Registration required](#)
- **CRiSP Seminar**
 - **Dr. Sambeeta Das**, University of Delaware, Mechanical Engineering
Friday, May 7, 2021 at 10:00 AM
[“Strategies for Dynamical Self-Assembly of Active Matter”](#)
[Click here](#) to register
 - **Professor Jennifer M. Heemstra**, Emory University
Friday, May 14, 2021 at 10:00 AM
Talk #1: 10:00 AM – 11:00 AM – [Bilingual Peptide Nucleic Acids: Encoding the Languages of Nucleic Acids and Proteins in a Single Self-Assembling Biopolymer”](#)
Talk #2: 11:00 AM – 12:00 PM – [“Self-Care Is Not the Enemy of Performance”](#)
[Click here](#) to register

OTHER DEPARTMENT’S SEMINAR/EVENTS:

- Department of Physics & Astrotonomy
 - **Dr. Ryan Stein**, University of Maryland College Park & NIST
Wednesday, April 26, 2021 at 11:00 AM via Zoom: <https://udel.zoom.us/j/91408852475>
Password: QMAN
“Uncovering New Transport Regimes and Light-Induced Phases in Quantum Materials”
 - **Dr. Jason Goodpaster**, University of Minnesota
Wednesday, April 26, 2021 at 2:00 PM via Zoom: <https://udel.zoom.us/j/99125381450>
[“New Quantum Chemistry Methodology: Quantum Embedding and Machine Learning Algorithms for Complex Systems”](#)
 - **Murnane Lecture**
Dr. Margaret Murnane, University of Pennsylvania
Monday, April 26, 2021 at 4:00 PM
“Developing the Microscopes of Tomorrow”
[CLICK HERE](#) for more information and Zoom link
 - **Dr. Tabbetha Dobbins**, Rowan University
Wednesday, April 28 at 10:30 AM via Zoom: <https://udel.zoom.us/j/99444311354>
Passcode: MSEGSEM
[“New Possibilities for Understanding Complex Metal Hydrides via Quasi-Elastic Neutron Scattering \(QENS\) Studies”](#)
 - **Dr. Lu Lu**, University of Wisconsin, Madison
Wednesday, April 28 at 4:00 PM via Zoom: <https://udel.zoom.us/j/92039696044>
Passcode: 275985
[“Detection of a Particle Shower at the Glashow Resonance with IceCube”](#)
 - **Dr. John Krizmanic**, UMBC/CRESST/NASA/GSFC
Thursday, April 29, 2021 at 3:30 PM via Zoom: <https://udel.zoom.us/j/91367082660>
Poetry in Orbit with POEMMA, the Probe Of Extreme Multi-Messenger Astrophysics”
To meet with Dr. Krizmanic please sign up [HERE](#)
 - **Dr. Gina Adam**, George Washington University
Wednesday, May 3 at 11:00 AM via Zoom: <https://udel.zoom.us/j/95778388189>
Passcode: QMAN
“Measurement and modeling of analog memory device populations”
- Physical Chemistry
 - **Dr. Bern Kohler**, The Ohio State University
Wednesday, April 28, 2021 at 4:00 PM via Zoom: <https://udel.zoom.us/j/98093174367>
[“Seeing the Colors in Black: Insights to Melanin from Ultrafast Laser Spectroscopy”](#)

JOBS/RECRUITING:

- **SOLVAY Delaware Info Session: Solvay Specialty Polymers**
What: Info Session
Where: Virtual, Google Meets
When: 1:00pm-2:00pm, Wednesday, April 28, 2021
Who: the session will be led by Delaware alumnus Dennis Kalman and colleague Raleigh Davis[CLICK HERE](#) for more information
- **Louisiana Tech University**
Position: [tenure-track faculty position in Chemical Engineering](#)
Brief description: Louisiana Tech University invites applications for a tenure-track faculty position in Chemical Engineering. Academic requirements include Ph.D. and undergraduate degrees in Chemical Engineering or closely aligned area. Outstanding candidates in all research areas are encouraged to apply, although special emphasis will be given to candidates whose research leverages the University’s excellent experimental and computational resources. Preference will be given to candidates who possess expertise and a record of scholarly productivity in Advanced Manufacturing and Materials, Clean Technology, Next-generation Energy, and closely related fields. Strong commitment to collaborative, cross-disciplinary research is especially desirable. Only electronic applications via email will be accepted.

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