

NEWS OF THE WEEK

JANUARY 11, 2021

DEPARTMENT'S SEMINAR/EVENTS:

- **UD RESEARCH TOWN HALL**

- **Research Updates: January 11, 2021 from 2:00 PM – 3:00 PM**

Norman Wagner, Unidel Robert L. Pigford Chair in Chemical and Biomolecular Engineering, will join Charlie Riordan to discuss the National Science Foundation-funded Project Darien, in which UD researchers are combining aerial observation with artificial intelligence to model how COVID-19 is spread and the effects of various personal and public policies. The research team's goal is to provide new tools for mitigating and eventually eliminating the novel coronavirus, as well as future biological threats.

[Register online](#)

The town halls are recorded and archived on [this webpage](#).

For more information, contact UDResearch@udel.edu

- **[CCST 2021 Spring Webinar Series](#)**

- **Feb. 03, 2021 @ 10 AM** Mark Snyder, Lehigh University

10:00 AM Virtual Seminar – [Registration](#) required

[“Sustainable Synthesis of Functional Nanomaterials for Energy Applications”](#)

- **Feb. 24, 2021 @ 10 AM** Qi Lu, Tsinghua University

10:00 AM Virtual Seminar – [Registration](#) required

[“Mechanistic Insights into CO₂/CO Electoreduction Catalyzed by Cu”](#)

- **Mar. 03, 2021 @ 10 AM** Sen Zhang, University of Virginia

10:00 AM Virtual Seminar – [Registration](#) required

- **Mar. 10, 2021 @ 11 AM** Miguel Modestino, New York University

11:00 AM Virtual Seminar – [Registration](#) required

[“Designing Organic Electrosynthesis Processes for Sustainable Chemical Manufacturing”](#)

- **Mar. 17, 2021 @ 10 AM** Karthish Manthiram, Massachusetts Institute of Technology

10:00 AM Virtual Seminar – [Registration](#) required

[“Controlling Interfacial Electron and Atom Transfer Reactions for Chemical Synthesis”](#)

- **Mar. 31, 2021 @ 10 AM** Joshua Snyder, Drexel University

10:00 AM Virtual Seminar – [Registration](#) required

- **Apr. 21, 2021 @ 10 AM** Matthew Kanan, Stanford University

10:00 AM Virtual Seminar – [Registration](#) required

- **May 05, 2021 @ 10 AM** Rachel Getman, Clemson University

10:00 AM Virtual Seminar – [Registration](#) required

JOBS/RECRUITING:

- **US Army Journeyman Program**, CCDC Army Research Laboratory

Location: Adelphi, MD

Brief description: The Army Research Laboratory is looking to bring on two MS or PhD students as part of the Journeyman program at CCDC Army Research Laboratory in Adelphi, MD. This program provides a competitive stipend and the ability to work side-by-side with our researchers. Interested applicants can contact Jennifer Morales (jennifer.m.morales40.civ@mail.mil) for more information.

- [Molecularly imprinted polymer sorbent based sensor for small molecule detection](#)

- [Photonic Integrated Circuit \(PIC\) sensor for small molecules and proteins](#)

- **The University of Kansas**

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

Job #: 18330BR

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

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