

## NEWS OF THE WEEK

NOVEMBER 29, 2021

### CBE IN THE NEWS

- [Updates regarding the COVID-19 vaccine](#)
- [Weapons specialist turned high school chemistry teacher](#)
- [Navy Veteran Patrick Fitzgerald Joins Sevltech to Lead U.S. Navy Programs](#)

### DEPARTMENT'S SEMINAR/EVENTS:

- **CBE Seminar Series**
  - **Dr. Jacinta Conrad**, University of Houston  
Friday, December 3, 2021 @ 10:00 AM in 102 CLB  
via Zoom: <https://udel.zoom.us/j/92635728693>  
[Nanoparticle Transport in Crowded, Confined Media](#)
- **Empower Events**
  - Guided Meditation Series  
Led by Sid Deshpande, CBE Postdoc and trained meditation facilitator  
Tuesday, November 30 & Thursday, December 2 from 6:30-7:30 PM  
Zoom: [tiny.cc/Delaware\\_SKY](https://tiny.cc/Delaware_SKY)

### OTHER DEPARTMENT'S SEMINAR/EVENTS:

- **Department of Physics & Astronomy**
  - **Jacob Hollingsworth, University of California, Irvine**  
Tuesday, November 30 at 12:00 PM  
via Zoom: <https://udel.zoom.us/j/91367082660>  
“Efficient Sampling of Constrained High-Dimensional Theoretical Spaces with Machine Learning”
  - **Trevor David Rhone, Department of Physics, Applied Physics and Astronomy, Rensselaer Polytechnic Institute**  
Wednesday, December 1 at 4:00pm  
via Zoom: <https://udel.zoom.us/j/99934722754>  
Password: 508208  
“Data-driven studies of magnetic van der Waals materials”
- **Physical Chemistry Seminar**  
Michael Hagan, Ph.D., Brandeis University  
Monday, December 6 at 4:00pm  
via Zoom: <https://udel.zoom.us/j/98093174367>  
[“Multiscale computational modeling of self-assembling protein shells”](#)
- **DESCA Webinar Events**
  - **Entrepreneur's Journey: Founders' Stories**  
Thursday, December 2, 2021 at 12:00 PM  
Starting a business is no easy task. It involves a great effort in every way. A plan is drawn up to map out the business goals, strategies, or projections that will need to be taken to be successful. However, the roadmap is never a straight line. There are always obstacles and changes in the direction that leads startups to make important decisions for the company. Do we double-down, do we pivot, or do we give up? These are huge decisions for any startup when an obstacle is tackled.  
  
In this month's Entrepreneur's Journey, Santiago Rojas-Carbonell from Versogen talks to Mary Larkin (Gaskiya) and Basudeb Saha (RiKarbon) about their diverse paths to technology commercialization.  
[CLICK HERE](#) to register
  - **Five Steps to Startup Your Own Lab**  
Wednesday, December 8, 2021 at 12:00 PM  
If you are a scientist who has found yourself in the process of setting up a new lab, it can be a little overwhelming. Depending on the type of tests you plan on conducting in your laboratory, certain requirements may need to be taken into consideration. In this webinar we will cover a few main points to setting up your lab.  
[CLICK HERE](#) to register
- **DCMR Multiscale Assessments Research Core**  
[Virtual Open House](#)  
Tuesday, December 7, 2021 at 1:00 PM

### JOBS/RECRUITING

- **GAANN FELLOWSHIP OPPORTUNITY**  
**New Graduate Student Training Fellowship**The program provides funding for each GAANN Fellow for 1 full year. A stipend up to \$34,000 will be provided (plus tuition and excitingly, your student fees!). As part of the program, you will gain:
  - 6-8 hours of training from CTAL and CBE
  - Mentored teaching experience for 1-2 weeks in the classroom
  - Multiple sources of feedback
  - Monthly peer mentoring support group
  - Preparation of teaching statement  
The GAANN is not intended to replace the Departmental Teaching Fellowship, but will provide additional synergistic training opportunities. Eligible students should have completed their TA requirements and must confirm their intent to apply with their PI. We will accept our first cohort for this first academic year ('21-'22) and will be offering the program again in following years. Applications are due December 10 at 11:59pm.  
Ready to apply? [CLICK HERE](#) to apply
- **University of Toronto**
  - **Position: [Assistant Professor – Artificial Intelligence in Chemical and Biochemical Systems](#)**  
**Req. ID:** 2169  
**Brief description:** The Department of Chemical Engineering and Applied Chemistry invites applications for a full-time tenure stream appointment in the area of the application of data science to chemical and biochemical systems. The appointment will be at the rank of Assistant Professor with an expected start date of July 1, 2022, or shortly thereafter. Applicants are expected to have a PhD in chemical, biological, environmental or materials engineering or in applied chemistry, biology, computer science, computer engineering or a related field at the time of appointment or soon after.
  - **Position: [Associate Professor/Professor – Artificial Intelligence in Chemical and Biochemical Systems](#)**  
**Req. ID:** 2171  
**Brief description:** The Department of Chemical Engineering and Applied Chemistry invites applications for a full-time tenure stream appointment in the area of the application of data science to chemical and biochemical systems. The appointment will be at the rank of Associate Professor or Professor with an expected start date of July 1, 2022, or shortly thereafter. Applicants are expected to have a PhD in chemical, biological, environmental or materials engineering or in applied chemistry, biology, computer science, computer engineering or a related field at the time of appointment.

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