

## **NEWS OF THE WEEK**

FEBRUARY 3, 2020

### **DEPARTMENT SEMINAR/EVENTS:**

- CBE Seminar
  - Gozde Demirer, University of California, Berkeley  
Monday, February 10, 2020  
10:00 AM in 366 CLB  
[Click here](#) for more information
- CCST Seminar
  - David Flaherty, University of Illinois  
Wednesday, February 19, 2020  
10:00 AM in 366 CLB  
[Click here](#) for more information
- CBE Seminar Series
  - Mark Blenner, Clemson University  
Friday, March 6, 2020  
10:00 AM in 102 CLB  
[Click here](#) for more information
  - Jacinta Conrad, University of Houston  
Friday, March 20, 2020  
10:00 AM in 102 CLB  
[Click here](#) for more information
  - **Allan P. Colburn Memorial Lecture**  
Matthew Panzer, Tufts University  
Friday, April 17, 2020  
10:00 AM in 102 CLB  
[Click here](#) for more information
  - **Robert L. Pigford Memorial Lecture**  
Jay Keasling, University of California, Berkeley  
Friday, May 8, 2020  
10:00 AM in 102 CLB  
[Click here](#) for more information
  - Matteo Cargnello, Stanford University  
Friday, May 15, 2020  
10:00 AM in 102 CLB  
[Click here](#) for more information

## UPCOMING CBE THESIS DEFENSE(S):

- 02/04/2020 @ 12:30 PM in 106 CCM: [Katherine Wiley](#)

## OTHER DEPARTMENT'S SEMINAR/EVENTS:

- Chemistry & Biochemistry Seminars
  - Victor Garcia-Lopez, Rice University  
Wednesday, February 5, 2020  
10:00 AM in 219 BRL  
[Click here](#) for more information
  - Evangelos Miliordros, Auburn University  
Friday, February 7, 2020  
4:00 PM in 219 BRL  
[Click here](#) for more information

## JOBS/RECRUITING:

- MERCK  
Position: Postdoctoral Research Fellow Programs
  - [Multiscale Modeling of Biotherapeutics and Vaccines](#)  
Brief description: The Preformulation–Predictive Sciences group develops creative and novel solutions to address significant unmet needs in the biopharmaceutical drug product development space. The Preformulation organization is continuing to build key scientific expertise in computational modeling of key molecular and macroscopic protein processes. Thus, we are seeking a highly motivated and driven postdoctoral individual that will lead the development of the next-generation computational and statistical tools to predict and mitigate physical instability challenges in protein-based formulations. The successful candidate will work in an interdisciplinary environment, contributing to cross-functional teams and gaining insight into many aspects of biotherapeutic and vaccine discovery, development and manufacturing. The Postdoctoral Fellow is expected to author scientific papers on their research and present novel findings at scientific conferences.
  - [Next-Generation Predictive Technology](#)  
Brief description: We are looking for a highly driven and motivated post-doctoral scholar who will spearhead transformative innovations in machine and deep learning in the biopharmaceutical drug product development space. The advent of machine learning has created exciting new opportunities to improve drug products and positively impact the lives of patients. The integration of these new data technologies into the R&D landscape requires further study. The scholar will work in a highly dynamic environment at the interface of drug product development and data science. The scholar will develop innovative predictive solutions to pressing problems encountered in drug development of next-generation therapies for cancer, infectious diseases, and other areas.

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