

NEWS OF THE WEEK

OCTOBER 5, 2020

CBE IN THE NEWS

- [Professor Arthi Jayaraman elected as a 2020 APS Fellow](#)
- [DuPont Announces Top Technology Leaders as 2020 Laureates](#)

DEPARTMENT'S SEMINAR/EVENTS:

- **CBE Fall Seminar Series**
 - Dan Bracewell, University College London, UK
Friday, October 9, 2020 at 10:00 AM
[CLICK HERE](#) to attend
 - Jose Avalos, Princeton
Friday, October 23, 2020 at 10:00 AM
[CLICK HERE](#) to attend
 - Chinedum Osuji, University of Pennsylvania
Friday, October 30, 2020 at 10:00 AM
[CLICK HERE](#) to attend
 - Beatriz Roldan Cuenya, Fritz Haber Institute of the Max Planck Society, Berlin, Germany
Thursday, November 5, 2020 at 11:00 AM
[CLICK HERE](#) to attend
 - Fani Boukouvala, Georgia Tech
Friday, November 13, 2020
10:00 AM
- **CCST Fall Webinar Series**
 - **Ian McCrum**, Clarkson University
10:00 AM Virtual Seminar; [Registration](#) required
[“Alkaline Hydrogen Electrocatalysis: DFT + UHV + Electrochemistry”](#)
[Register Now](#)

OTHER DEPARTMENT'S SEMINAR/EVENTS:

- **College of Engineering**
 - **Materials Science and Engineering Seminar**
Dr. Ismaila Dabo, Penn State University
Wednesday, Oct. 7, 2020 at 10:30 AM, via zoom <https://udel.zoom.us/j/98330277228> – Password: 256413
[“Integrating Machine Learning with Physics-Based Modeling”](#)
 - **Student Symposiums**
Friday, Oct. 9, 2020 from 9:00 AM – 12:30 PM, via zoom <https://udel.zoom.us/j/95561235632> – Password: MSEG2020
[Click Here](#) to view schedule
Friday, Oct. 16, 2020 from 9:00 AM – 12:10 PM, via zoom <https://udel.zoom.us/j/95561235632> – Password: MSEG2020
[Click Here](#) to view schedule

JOBS/RECRUITING:

- **Auburn University**
 - **Position:** [Assistant/Associate/Full Professor](#)
Posting #: P0032F
Brief description: The Department of chemical engineering at Auburn University invites applications for multiple tenure-track faculty positions beginning the Fall 2021 semester. The individuals selected for these positions will be expected to contribute to the growth of at least one of the department's strategic focus areas: energy and environment, advanced materials, computer-aided chemical engineering, and pharmaceutical/biomedical engineering. Furthermore, the candidates will be expected to collaborate with faculty on a number of interdisciplinary research projects, secure research funding, teach undergraduate and graduate courses, and publish research results in appropriate scholarly outlets.
- **University of Michigan**
 - **Position:** [ChE Faculty Search](#)
Brief description: The Department of Chemical Engineering seeks outstanding applicants for tenure-track or tenured positions at all levels. Underrepresented minorities and women are strongly encouraged to apply. Applications are welcome in all research areas in or at the boundaries of chemical engineering. We are especially interested in applicants working on the development and optimization of engineered tissue, stem cells and regenerative medicine, and in artificial intelligence, including machine learning, deep learning and robotics.
- **GlaxoSmithKline**
 - **Position:** [Biopharm Chemometrics and Process Modeling Expert](#)
Location: King of Prussia, Pennsylvania
Category: Science and Technology
Req. ID: 255258
Brief description: As a chemometrician, you will be a member of a highly skilled team of scientists and engineers responsible for the evaluation and optimization of cell culture processes. You will be responsible for developing and maintaining key Raman chemometric models that are utilized to monitor and control key aspects of the bioreactor process. You will also engage with other groups within GSK to progress the application of process models in development and GMP space. Although predominantly lab-based, the role also involves important aspects of verbal and written communication and requires good organisation skills as well as a broader scientific knowledge.
 - **Position:** [Investigator, Biopharm Upstream Process Development](#)
Location: King of Prussia, Pennsylvania
Brief description: In this role, you will be a member of a highly skilled team of scientists and engineers responsible for the evaluation and optimization of cell culture processes. The team will have access to the latest technology in small-scale as well as large scale bioreactors and analytical instruments. Although predominantly lab-based, the role also involves important aspects of verbal and written communication and requires good organisation skills as well as a broader scientific knowledge. Both individual and team working are required and therefore the role will suit a scientist with good interpersonal skills, ability to solve complex problems, self-motivated and has an open mindset.
 - **Position:** [Associate Scientist, Upstream Process Development](#)
Location: King of Prussia, Pennsylvania
Category: Science and Technology
Req. ID: 262391
Brief description: In this role, you will be a member of a highly skilled team of scientists and engineers responsible for development and optimization of cell culture processes. The team will have access to the latest technology in small-scale as well as large scale bioreactors and analytical instruments. Although predominantly lab-based, the role also involves important aspects of verbal and written communication and requires good organisation skills as well as a broad scientific knowledge of cellular metabolism and physiology. You will be working in a matrix team and therefore the role will suit a scientist with good interpersonal skills, ability to solve complex problems, is self-motivated and has an open mindset.

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