

## NEWS OF THE WEEK

August 26, 2019

### CBE IN THE NEWS:

- [Research Experiences: Jacob Hewes](#)

### THIS MONTH'S DEPARTMENT SEMINAR/EVENTS:

- **CBE Seminar**  
Venkat Ganesan, University of Texas at Austin  
Friday, September 6, 2019  
10:00 AM in 102 CLB  
["In Pursuit of Mechanically Strong, Conducting Polymer Electrolytes"](#)
- **2019 Neutron Day – SAVE THE DATE**  
Wednesday, October 30, 2019  
8:30 AM – 4:30 PM  
Clayton Hall Conference Center  
[More information coming soon](#)

### UPCOMING CBE THESIS DEFENSE(S):

- 08/26/2019 @ 12:30 PM in 106 CCM: [Julia Rohlhill](#)

### OTHER DEPARTMENT'S MONTHLY SEMINAR/EVENTS:

- **Inorganic Chemistry Colloquium**  
Joel Rosenthal, University of Delaware  
Friday, September 6, 2019  
4:00 PM in 101 BRL  
["Molecular Interactions and Dynamics in Electrochemical CO<sub>2</sub> Reduction – New Strategies for Sustainable Chemical Synthesis"](#)

### JOBS/RECRUITING:

- **University of California, Irvine**  
**Position:** Assistant or Associate Professor Faculty positions  
**Job #:** JPF05217  
**Brief Description:** The Sue & Bill Gross Stem Cell Research Center (SCRC) [<http://stemcell.uci.edu>] in the Susan and Henry Samueli College of Health Sciences (CoHS) and the Department of Chemical & Biomolecular Engineering (CBE) [<http://engineering.uci.edu/dept/cbe>] in the Henry Samueli School of Engineering (HSSoE) at the University of California Irvine invite applications from outstanding candidates for three tenure-track/tenured faculty positions focused broadly on Tissue Engineering and Stem Cells. Faculty appointments will reside in HSSoE (in Chemical & Biomolecular Engineering) or CoHS School of Medicine (SOM; in Physiology & Biophysics, Anatomy & Neurobiology, or another SOM department as appropriate).
- **Oklahoma State University**  
**Position:** Postdoctoral Fellow  
**Brief Description:** The Systems Biomedicine & Pharmaceuticals Lab in the School of Chemical Engineering at Oklahoma State University is seeking applications for a Postdoctoral Fellow to (a) develop methods to accelerate and facilitate the construction and reuse of multiscale computational models and (b) create new multiscale models to improve physiological understanding of how local and systemic immune stimulants affect tissue damage with applications to inflammation and immunotherapies. Other duties include conducting computational modeling studies, preparing manuscripts and presentations, and writing codes and documentation for models to be disseminated as open source software projects. The applicant should have a Ph.D. degree (or equivalent) in engineering, mathematics, computational science, chemistry, or a biomedical science discipline or a closely related field with significant experience in computer programming (e.g., MATLAB or Python). Experience in one or more of the following areas will be considered: multiscale modeling, partial differential equations, numerical methods, heat and/or mass transport, agent-based modeling, pharmacokinetics, biophysics, biomechanics, machine learning, computational fluid dynamics, immunology. Contact Ashlee Ford Versypt for further details.
- **Graduate Research Opportunities at DOE National Laboratories**  
The U.S. Department of Energy's Office of Science is now accepting applications for the Office of Science Graduate Student Research (SCGSR) program 2019 Solicitation 2. Applications are due 5:00pm Eastern Time on November 14, 2019. 4 new research areas have been added to encourage activities at the convergence of multiple disciplines and communities, including Microelectronics, Data Science, Fundamental Symmetries, and Accelerator Science. We strongly encourage applications in these areas. The SCGSR program provides doctoral dissertation/thesis research opportunities for graduate students at DOE national laboratories. Details about the program, research areas, and online application can be found at <https://science.osti.gov/wdts/scgsr/>.

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