

NEWS OF THE WEEK

September 16, 2019

CBE IN THE NEWS:

- [CBE's Undergraduate Program is ranked #10 in Undergraduate Programs](#)
- [NAE event recognizes bright young engineers Cathy Fromen \(CBE\) & Emily Day \(BME\)](#)
- AIChE Student Chapter selected as Outstanding Student Chapter for the 2018-2019 school year

THIS MONTH'S DEPARTMENT SEMINAR/EVENTS:

- CRiSP Seminar
 - Gopinath Subramanian, Los Alamos National Lab
Monday, September 16, 2019
10:00 AM in 366 CLB
["Multiscale Modeling of Rubbery Elastomers: Mechanochemistry & Accelerated MD"](#)
 - Theresa Tonge, W. L. Gore & Associates, Inc.
Monday, September 30, 2019
10:00 AM in 366 CLB
["From Cell Phones to Stent Grafts: Materials Science and Innovation at W.L. Gore & Associates"](#)
 - Bruno D'Aguanno, VIT University, Vellore
Tuesday, October 1, 2019
10:00 AM in 366 CLB
["Design Criteria of Advanced Nanomaterials from the Basic Understanding of Thermal Energy Storage Mechanisms"](#)
 - Michael Hore, Case Western Reserve University
Monday, October 14, 2019
10:00 AM in 366 CLB
["Translocation of Soft Nanoparticles Through Confining Nanochannels"](#)
 - Pushkar Lele, Texas A&M University
Monday, October 28, 2019
10:00 AM in 366 CLB
["Random Walks, Hydrodynamic Interactions, and Molecular Memory in Bacteria"](#)
- CBE Seminar
Joelle Frechette, Johns Hopkins University
Friday, September 20, 2019
10:00 AM in 102 CLB
["Soft, Wet, and Sticky: Viscous Forces and Elasticity in Adhesion"](#)
- Save-the-Date, additional details and registration coming soon
CRISPR Lunch and Learn (opportunity for researchers to learn about the latest CRISPR technology and ask questions in person)
Synthego is a gene-editing company that's primarily focused on CRISPR
Tuesday, October 3, 2019
12:00 – 1:30 PM in 366 CLB
- CBST Seminar
 - Bruce Kerwin, Just Biotherapeutics, Inc.
Tuesday, October 8, 2019
10:00 AM in 366 CLB
["Developing Biologics for a Global Population"](#)
 - Ashlee Ford Versypt, Oklahoma State University
Monday, October 15, 2019
1:00 PM in 366 CLB
["Systems Biomedicine and Pharmaceuticals: Multiscale Modeling of Tissues, Treatments, & Toxicology"](#)
 - Kang Zhou, National University of Singapore
Wednesday, October 30, 2019
10:00 AM in 366 CLB
["New Bioinformatic and Molecular Biology Tools for Metabolic Engineering"](#)
- 2019 Neutron Day – SAVE THE DATE
Wednesday, October 30, 2019
8:30 AM – 4:30 PM
Clayton Hall Conference Center
[More information coming soon](#)

OTHER DEPARTMENT'S MONTHLY SEMINAR/EVENTS:

- Inorganic Chemistry Seminar
Aaron Smith, UD Department of Chemistry and Biochemistry
Wednesday, September 18, 2019
4:00pm in 219 BRL
"The ABCs of Pathogenic Ferrous Iron Acquisition"
- Physics & Astronomy Seminar
Daniel Savin, Columbia University
Wednesday, September 18, 2019
4:00pm in 104 GOR
"Tracing the Cosmic Cycle of Gas: A Journey in Atomic, Molecular, Stellar, Plasma, Planetary, and Condensed Matter/Nanoscale Physics"
- DBI Biopharmaceutical Science Symposium
Thursday, September 19, 2019
8:00 AM – 5:00 PM in STAR Tower Audion
[REGISTER HERE](#)

JOB/RECRUITING:

- FreeThink Technologies, Inc.
Position: [Physical Scientist, Ph.D.](#)
Location: Branford, Connecticut
Brief Description: [FreeThink Technologies, Inc.](#), The Thinking CRO, is a rapidly growing company and the world leader in the science and technology of stability. FreeThink conducts laboratory studies for international clients in the pharmaceutical, nutraceutical and consumer products industries and also develops its own new technologies. The company is currently seeking for a full-time Physical Scientist, Ph.D. candidate.
- Colorado School of Mines
Position: [Tenured/Tenure-Track Faculty Positions](#)
Job #: 493918
Brief Description: The Chemical and Biological Engineering (CBE) department at the Colorado School of Mines invites applications for tenured or tenure-track faculty positions. While there is a preference for faculty in either complex fluids or energy, excellent candidates in all research areas related to Chemical and Biological Engineering will be considered.
- The University of Tulsa
Position: [Applied Assistant Professor](#)
Brief Description: The Russell School of Chemical Engineering is seeking to fill a term contract position with an initial appointment of three years. The position is approved at the Applied Assistant Professor level. The anticipated starting date is Fall 2020. The successful candidate must have a sincere commitment to excellence in, and must have a formal educational background that provides a foundation for, teaching traditional chemical engineering undergraduate laboratory and lecture courses. Minimum qualifications include an earned doctorate or its equivalent in chemical engineering or a closely related field and the ability to communicate effectively.
- West Virginia University
Position: [Assistant/Associate Professor – Engineering and Mineral Resources](#)
Brief Description: The Department of Chemical and Biomedical Engineering at West Virginia University invites applications for tenure-track positions at the rank of Assistant or Associate Professor depending upon qualifications. Candidates must have research expertise in one or more of the following areas (1) process systems engineering, including artificial intelligence techniques, and/or computations with an emphasis in energy systems, (2) catalysis, catalytic materials, and/or reaction engineering in the area of energy systems (3) materials processing (including polymeric materials and/or biomaterials) for synthetic sustainable applications.
- University of Oklahoma
 - Position: [Assistant/Associate/Full Professor in Produced Waters/Water Resources](#)
Brief Description: The University of Oklahoma (OU) School of Civil Engineering and Environmental Science (CEES) and School of Chemical, Biological and Materials Engineering (CBME) in the Gallogly College of Engineering (GCoE) are looking to fill a joint faculty position in the area of produced waters/water resources. The position aligns with the GCoE's strategic priorities of doubling research productivity in the strategic growth areas of energy (including management of produced waters from petroleum production) and water (including treatment and reclamation of produced waters).
 - Position: [Assistant or Associate Professor](#)
Brief Description: The Mewbourne School of Petroleum and Geological Engineering in the Mewbourne College of Earth and Energy, and the School of Chemical, Biological and Materials Engineering in the Gallogly College of Engineering invite applications for a tenure-track faculty position at the level of Assistant or Associate Professor, commensurate with qualifications, with a fall 2020 expected starting date. We expect the individual to teach graduate course(s) that are listed in both schools. For exceptional Associate Professor candidates, an endowed Professorship and granting of tenure will be considered.
- California State University, Long Beach
Position: [Assistant Professor of Chemical Engineering](#)
Brief Description: Teach undergraduate and graduate courses pertinent to materials engineering, such as fluid mechanics, thermodynamics, material purification, heat and mass transfer, and polymer material fabrication. Develop new courses including laboratories and update existing courses. Supervise student projects and theses. Write grant proposals and seek external research funding. Conduct independent and collaborative research leading to publications and external funding. Collaborate with faculty members to plan an option or focus on the materials area in the graduate degree and/or the undergraduate degree. Participate in service to the department, college, university, and community.
- University of Washington
Position: [Assistant Professor of Chemical Engineering \(Tenure Track\)](#)
Brief Description: The Department of Chemical Engineering at the University of Washington invites applications or nominations for a full-time tenure-track faculty position (9 month service period) to begin September 16, 2020. The Department is seeking candidates at the level of Assistant Professor. We seek candidates with the demonstrated capacity to build a world class chemical engineering research program crosscutting these interdisciplinary efforts. Applicants representing all areas of chemical engineering research are encouraged to apply.
- University of Pennsylvania
Position: [Tenured or Tenure-track Position 2020](#)
Brief Description: The Department of Chemical and Biomolecular Engineering is engaged in an aggressive, multi-year hiring effort for multiple tenure-track and tenure positions at the Assistant, Associate and Full Professor level: The University seeks individuals with exceptional promise for, or proven record of, research achievement who will excel in teaching undergraduate and graduate courses. Applications are welcome from all areas of Chemical and Biomolecular Engineering with particular emphasis in the fields of Energy, Biotechnology, Systems Biology, and Nanotechnology.

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