NEWS OF THE WEEK

September 16, 2019

CBE IN THE NEWS:

- CBE’s Undergraduate Program is ranked #10 in Undergraduate Programs
- NEF event recognizes bright young engineers, Cathy Frement [CBE & Family Day (NEF)]
- 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: Mechanics, Chemistry & Accelerated MTI”

- CRISP Seminar
  - Theresa Tonge, W. L. Gore & Associates, Inc.
    Monday, September 30, 2019
    10:00 AM in 366 CLB
    “From Cell Phones to Stent Grails: Materials Science and Innovation at W.L. Gore & Associates”

- CRISP Seminar
  - Bruno D’Aquino, 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”

- CBE Seminar
  - Michael Hore, Case Western Reserve University
    Monday, October 14, 2019
    10:00 AM in 366 CLB
    “Translocation of Soft Nanoparticles Through Confined Nanochannels”

- CBE Seminar
  - 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”

- Save-the-Date, additional details and registration coming soon
- CRISP Lunch and Learn (opportunity for researchers to learn about the latest CRISP technology and ask questions in person)
- Synthecon is a new-edition company that’s primarily focused on CRISP
  - 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 Biobanks for a Global Population”

- CBST Seminar
  - Ashley Ford Versyp, Oklahoma State University
    Monday, October 15, 2019
    10:00 AM in 366 CLB
    “Systems Biomedicine and Pharmaceutics: Multiscale Modeling of Tissues, Treatments & Toxicology”

- CBST Seminar
  - Kang Zhou, National University of Singapore
    Wednesday, October 30, 2019
    10:00 AM in 366 CLB
    “New Reaxiometric and Molecular Biology Tools for Metabolic Engineering”

- 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 19, 2019
    4:00pm in 279 BRL
    “The ABCs of Pathogenic Ferrous Iron Acquisition”

- Physics & Astronomy Seminar
  - Daniel Savin, Columbia University
    Wednesday, September 19, 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
J O B S / R E C R U I T I N G:

- 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 #: 49398
  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 on 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 GCoEs strategic areas of double research and activity in the strategic growth areas of energy (including management of produced waters from petroleum production) and water (including treatment and reclamation of produced waters).

- 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 program 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 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's 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.