NEWS OF THE WEEK

AUGUST 28, 2023

DEPARTMENT'S SEMINAR/EVENTS

- **Summer Moo Mobile Parties1**
  2:00 PM – 1:45 PM
  Outside Colburn Lab next to facilities
  - **Tuesday, August 29**
    Ticket pick-up available for pick-up August 28 & 29 from 8:30 AM – 11:30 AM in 235 CLB
    (*only 100 tickets available – 1st come, 1st served)

- **CBE Graduate Student Welcome Picnic**
  Monday, August 28
  4:30-7:00 PM at White Clay Creek State Park, Carpenter Recreation Area

OTHER DEPARTMENT'S SEMINAR/EVENTS

Future of Rheology Seminar Series
Khushboo Suman, University of Delaware Alum
Thursday, August 31, 2023 at 1:00 PM
via Zoom: https://cmu.zoom.us/j/91824905835
CLB 366 is reserved for anyone who wishes to view as a group
"The interplay between dynamical arrest, phase separation, and particle interactions on the structure and shear rheology of a thermoreversible colloidal suspension"

- CHARM Event
  Open House – Meet a Scientist
  Saturday, September 9, 2023
  11:00 AM – 2:00 PM at the Newark Free Library
  Join us for an Open House event with University of Delaware scientists! Get ready for hands-on experiments and demonstrations that will ignite your passion for science! Whether you're a seasoned scientist enthusiast or just curious about the wonders of the world around us, this event is perfect for all ages!

- Inorganic Chemistry
  Chris Pollock, Ph.D., Cornell University
  Friday, September 1, 2023 at 4:00 PM in BRL
  "Resonant Excitation Unlocks Chemical Selectivity of Platinum Lβ Valence-to-Core X-ray Emission Spectra"

- LS Instruments Webinar
  Dr. Eric Furst, University of Delaware
  Tuesday, September 12, 2023 at 9:00 AM in BRL
  "DWS Microrheoglogy in Biopolymer and Suspension Formulations"
  REGISTRATION required

JOBS/RECRUITING

- **New York University**
  Position: Tenured/Tenure Track Positions, Open rank, Chemical Engineering
  Location: Brooklyn, NY
  Brief Description: The CBE Department encourages applications from candidates with an interest in establishing research programs with sustainable engineering applications, with emphasis on, but not limited to, the following areas: Computational chemical engineering and materials science research with a focus on approaches that span multiple length and time scales, including density functional theory, molecular dynamics, continuum modeling, process design and optimization, and system-level techno-economic and life-cycle analysis. Eagerness to collaborate with experimental groups is most desirable.

- **Lafayette College**
  - **Position**: Assistant Professor of Chemical and Biomolecular Engineering, Focus on Computational Methods
    Location: Easton, PA
    Brief Description: The Department of Chemical and Biomolecular Engineering at Lafayette College in Easton, Pennsylvania, (**https://che.lafayette.edu/**) invites applications for a full-time, tenure-track Assistant Professor, starting July 1, 2024. We are seeking candidates with expertise in Computational Methods with applications in chemical engineering, with demonstrated enthusiasm and experience in teaching and mentoring undergraduates and an ability to teach effectively at all levels of the curriculum. Applicants must have a Ph.D. in chemical engineering or a closely related field and a B.S. in chemical engineering is preferred. We especially welcome applicants who can contribute to Lafayette's commitment to greater diversity and inclusion.

  - **Position**: Assistant Professor of Chemical and Biomolecular Engineering, Focus on Bioengineering/Biomaterials
    Location: Easton, PA
    Brief Description: The Department of Chemical and Biomolecular Engineering at Lafayette College in Easton, Pennsylvania, (**https://che.lafayette.edu/**) invites applications for a full-time, tenure-track Assistant Professor, starting July 1, 2024. We are seeking candidates with expertise in Bioengineering/Biomaterials, with demonstrated enthusiasm and experience in teaching and mentoring undergraduates and an ability to teach effectively at all levels of the curriculum. Applicants must have a Ph.D. in chemical engineering or a closely related field and a B.S. in chemical engineering is preferred. We especially welcome applicants who can contribute to Lafayette's commitment to greater diversity and inclusion.

- **FAMU-FSU**
  Position: Postdoctoral Scholar: Charged Polymer Synthesis and Membrane Transport
  Brief Description: A Postdoctoral Scholar position is available for a research project in POLYMER MEMBRANES, jointly carried out in the Florida A&M University-Florida State University (FAMU-FSU) College of Engineering Department of Chemical and Biomedical Engineering and the Department of Chemistry and Biochemistry at FSU. The starting date is flexible and can be as early as September 1, 2023. Review of applications will begin in August and will continue until the position is filled.

- **UC Davis**
  Position: Assistant Professor of Biochemical Engineering
  Brief Description: This position will integrate cutting edge tools and techniques of molecular, cellular, systems or synthetic biology, with bioprocess engineering to address critical research challenges in sustainable biomanufacturing. This includes the production of recombinant protein, small molecule, nucleotide, cellular, or complex bioproducts for food (e.g., alternative proteins, cultured meat, etc.), human and animal health and nutrition (e.g., diagnostics, therapeutics, vaccines, small molecule drugs, supplements, etc.), industrial (e.g., biopolymers, oils/lubricants, enzymes, specialty chemicals/ pigments, etc.) and/or agricultural (e.g., biostimulants, biocontrol agents, etc.) applications.

- **Ohio State University**
  Position: Assistant Professor
  Brief Description: The position is targeted towards applicants from energy-related fields including advanced materials, separations, reaction engineering, and catalytic or non-catalytic processes that are associated with but not limited to photo-, electro-, and/or thermo-chemical systems, as well as sustainability, green chemistry, process control, modelling, machine learning, data analytics, and artificial intelligence.

- **EPFL**
  Position: Faculty position in Chemistry or Chemical Engineering in Catalysis
  Brief Description: We invite applications for a tenure track assistant professor position in all areas of chemistry and chemical engineering with a strong link to catalysis. Specific areas of interest include, but are not limited to, sustainable polymers (synthesis or recycling methods), "N" chemistry, and (photo)electro catalysis for fine chemical synthesis.

- **Washington State University**
  Position: Assistant Professor
  Brief Description: The successful candidate is expected to establish a dynamic, externally funded, nationally recognized research program, teach core and elective undergraduate and graduate courses in bioengineering and/or chemical engineering, mentor a diverse group of students, perform professional service, and publish scholarly work. VSCEB welcomes strong candidates with active research in the areas of synthetic biology, electrosymbiotic engineering, molecular, cellular and tissue engineering. Priority will be given to the candidate whose work shows significant promise and the potential to uniquely strengthen existing research programs. Successful candidate is expected to build collaborations with the Pacific Northwest National Laboratory, other departments at WSU, nationally and internationally.

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