

## NEWS OF THE WEEK

SEPTEMBER 09, 2024

### DEPARTMENT'S SEMINAR/EVENTS

- **CBE Seminar Series**  
at 10:00 AM in 102 Colburn Lab (unless otherwise noted)
  - **Evan Jahrman, National Institute of Standards & Technology**  
Friday, September 20, 2024  
[“New Tools for Catalysis at NIST-operated X-ray Beamlines”](#)
  - **Dimitris Vlassopoulos, University of Crete**  
Friday, October 11, 2024  
[“Exploring the Role of Macromolecular Loops in Tailoring the Properties of Soft Materials”](#)
  - **Shuwen Yue, Cornell University**  
Friday, October 18, 2024  
[“Physics-inspired Machine Learning Potentials for Thermodynamic and Dynamic Properties of Electrolyte Solutions”](#)
  - **Srikanth Pilla, University of Delaware**  
Friday, November 15, 2024  
[“Atoms to Autos: Bridging Fundamental Science with Applied Engineering to Enable Sustainable Technologies Transforming the Mobility Industry”](#)
  - **Yeongseon Jang, University of Florida**  
Friday, December 6, 2024  
[“Engineering Globular Protein Vesicles for Protein-Powered Synthetic Minimal Cells”](#)

### OTHER DEPARTMENT'S SEMINAR/EVENTS

- **Chemistry & Biochemistry Colloquium**  
Dr. Jodi Hadden-Perilla, University of Delaware  
September 9, 2024 at 4:00 PM in 101 BRL  
[“The Hepatitis B Capsid: Characterizing a Viral Shapeshifter through the Computational Microscope”](#)
- **Center for Composite Materials Distinguished Seminar**  
**Dr. Aniruddh Vashisth, University of Washington**  
September 13, 2024 at 9:00 AM in 106 CCM  
[“Healing Vitrimers Composites: Molecular and Experimental Insights”](#)
- **National Academies: Sciences, Engineering, Medicine**  
[Plastics 101 Webinar Series: What are Plastics?](#)  
Thursday, September 12, 2024 at 10:00 AM  
This session features leading experts Rebecca Altman (Writer and Sociologist) and Tim Long (Arizona State University), who will delve into the history, current state, and future of plastics. The event will culminate in a dynamic panel discussion moderated by LaShanda Korley (University of Delaware), featuring Jill Martin (Dow) along with the two other speakers. [CLICK HERE](#) for more information and to register.

### JOBS/RECRUITING

- **DOW Recruiting**  
[Engineering, Science & Technology Fair](#)  
Thursday, September 12, 2024 in 102 CLB  
Dow will be on campus with an exciting number of jobs available for BS/MS students and two separate programs available for PhD/Post-docs in Chemical Engineering, Material Science & Eng., Computer Engineering and Computer Science.  
  
Reach out to Dr. Scott Wasserman ([wassersh@dow.com](mailto:wassersh@dow.com)) with any questions
- **Bristol Myers Squibb**
  - **Position:** [Assistant Scientist, Development Engineering, Chemical Process Development](#)  
**Job #:** R1585022  
**Brief description:** Role & Responsibilities:
    - Utilizing chemical engineering fundamentals to perform process development studies within the Development Engineering group in Chemical Process Development.
    - This function encompasses conducting lab scale experimentation, glass-plant and pilot plant trials, modeling, and data analysis in areas of various unit operations including reactions, separations, crystallizations, drying with focus on developing and characterizing synthetic processes to make small molecule active pharmaceutical ingredients.
    - The ability to interact constructively in a team approach to problem solving is important.
  - **Position:** [Scientist, Development Engineering, Chemical Process Development](#)  
**Job #:** R1585023  
**Brief description:** Role & Responsibilities:
    - Utilizing chemical engineering fundamentals to perform process development studies within the Development Engineering group in Chemical Process Development.
    - This function encompasses conducting lab scale experimentation, glass-plant and pilot plant trials, modeling, and data analysis in areas of various unit operations including reactions, separations, crystallizations, drying with focus on developing and characterizing synthetic processes to make small molecule active pharmaceutical ingredients, as well as technology development to enable process development capabilities.
    - Strong research skills demonstrating experimental design and planning, and applications of characterization, analysis, and modeling techniques from the chemical engineering field.
    - The ability to interact constructively in a team approach to problem solving is important.
- **Boehringer Ingelheim**  
**Position:** [Data Scientist II/Senior Data Scientist](#)  
**Brief description:** The Senior Data Scientist will execute data science projects at US Biopharma Fremont with the purpose of solving non-routine business problems by applying advanced methods including artificial intelligence, machine learning, causal inference, advanced statistics, natural language processing and other related techniques.

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