



Departmental Seminars

3:30pm, Refreshments, A214 Engineering Quad
4:00pm, A224 Engineering Quad (Elgin Room)

- September 14 **William Ristenpart**, University of California Davis
From Electrokinetics to Vibrofluidics: Driving Motion with Non-antiperiodic Forces
- September 21 **Sujit Datta**, Princeton University
Life in a tight spot: How bacteria spread in crowded spaces
- September 28 **Zhigang Suo**, Harvard University
Develop materials to resist fatigue
- October 5 **Amalie Frischknecht**, Sandia National Laboratories
Insights into Hydrated Ion-Conducting Polymers from MD Simulations
- October 12 **Elizabeth Nance**, University of Washington
Nanotherapeutics for neonatal and pediatric brain disease

Richard H. Wilhelm Lectureship

Dr. Bernhard Palsson

Genome Engineering: A new engineering discipline emerging in the 2020s?

- October 26 Refreshments: 3:30pm, Lecture: 4:00 pm, Friend Center - 113 Convocation Room
- October 27 Refreshments: 3:30pm, Lecture: 4:00 pm, Friend Center - 113 Convocation Room

- November 2 **James Van Deventer**, Tufts University
The elements of drug discovery on the yeast surface
- November 9 **Catherine Fromen**, University of Delaware
Breathe it in: Engineering Approaches Towards Diversifying Inhalable Therapeutics
- November 30 **Michael Tsapatsis**, John Hopkins University
Manufacturing of Metal-Organic Framework Membranes
- December 7 **Jacinta Conrad**, University of Houston
Tailoring Bulk and Interfacial Properties of Polymer Systems Through the Molecular Weight Distribution
- December 14 **Gurol Suel**, University of California San Diego
Bacterial brains: How bacteria use electrochemical potentials to solve complex problems