



Departmental Seminars

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

- September 11 **Wilfred Chen**, University of Delaware *
Adding Logic to Complex Protein Functions
- September 18 **Scott Milner**, Pennsylvania State University *
Nematic Ordering and Charge Mobility in Semiconducting Copolymers
- September 25 **Carlos Rinaldi**, University of Florida
Diffusion of Magnetic Nanoparticles in Complex and Biological Fluids

Dudley A. Saville Lectureship

Heather Kulik

Massachusetts Institute of Technology

Molecular Design Blueprints: Materials and Catalysts from New Simulation and Machine Learning Tools

October 2 Refreshments: 3:30pm, Lecture: 4:00pm, Friend Center, Convocation Room, FC113

October 9 **Ryan Hartman**, New York University
Design of Microreactors with in situ Spectroscopy and Machine Intelligence for Faster Discovery

October 16 **Christopher Alabi**, Cornell University
Engineering Sequence-Defined Macromolecules for Drug Delivery and Plastics

Richard H. Wilhelm Lectureship

Paula Hammond

Massachusetts Institute of Technology

Electrostatic Assembly for Nanoparticle Targeting of Cells and Tissues

October 21 Refreshments: 3:30pm, Lecture: 4:00pm, Maeder Hall Auditorium

Designer Polypeptides and Electrostatic Assembly for RNA-Protein Enhanced Delivery

October 23 Refreshments: 3:30pm, Lecture: 4:00pm, Maeder Hall Auditorium

November 6 **Susan Daniel**, Cornell University
TBD

November 20 **John Dutcher**, University of Guelph *
Soft Nanoparticles, Hard Science & the Path from Discovery to Commercialization

December 4 **Shuichi Takayama**, Georgia Institute of Technology *
Microfluidic Studies of Lung Injury, Infection, and Fibrosis

December 11 **Sidney Nagel**, University of Chicago *
Memory, Directed Aging and Nature's Greed

*Sponsored by the Richard H. Wilhelm Lectureship