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  Shuich 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

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