

Fall Term 2016

Departmental Seminars

3:30 pm, Refreshments, A214 E-Quad
4:00 p.m., A224 E-Quad (Elgin Room)

- September 14 **Cliff Brangwynne**, Princeton University
Measuring the Intracellular Dew Point: Phase Transitions in Cells
- September 21 **Mark Brynildsen**, Princeton University
Looking to Metabolism in Order to Revitalize our Antibiotic Medicine Cabinet

Richard H. Wilhelm Lecture Series

Kristi S. Anseth

University of Colorado, Boulder

- September 26** *Hydrogels as Synthetic Extracellular Matrices:
From Tissue Engineering to 4D Cell Biology*
Refreshments: 3:30 pm, Lecture: 4:00 pm, Friend Center Convocation Room
- September 28** *Cellular Control in a Couple of Clicks*
Refreshments: 3:30 pm, Lecture: 4:00 pm, Friend Center Convocation Room

- October 5 **Roseanna Zia**, Cornell University
*"Phase Mechanics" of Arrested Colloidal Gels:
A New Paradigm for Yielding and Phase Transitions in Soft Matter*
- October 12 **Michael Filler**, Georgia Institute of Technology
*The Vapor-Liquid-Solid Mechanism:
Encoding Heterogeneity at the Nanoscale*
- October 19 **David Schaffer**, University of California, Berkeley
Molecular Elucidation and Engineering of Stem Cell Fate Decisions
- October 26 **Sindee Simon**, Texas Tech University
Polymer Chemistry and Physics at the Nanoscale
- November 9 **Xin Ge**, University of California, Riverside
Generation of Protease Inhibitory mAbs with High Selectivity and Potency
- November 30 **Hadley Sikes**, Massachusetts Institute of Technology
Using Kinetic Models and Engineering Proteins to Further a Design-Based Approach to Redox Therapeutics
- December 7 **Ian Wheeldon**, University of California, Riverside
Exploiting Native High Flux Metabolic Pathways for Chemical Biosynthesis
- December 14 **Rohit Pappu**, Washington University in St. Louis
Form, Function and Phase Behavior of Intrinsically Disordered Proteins