Department Seminars  
Spring 2013

All seminars are held in the Pearson Chemistry Building, 62 Talbot Avenue in Medford, Room P-106 at 4:30 pm unless otherwise noted. Refreshments will be served thirty minutes prior to the seminar in the Graduate Student Lounge on the 3rd floor. For further information please contact Debbie D’Andrea at (617) 627-2649 or by email at debbie.dandrea@tufts.edu.

Visitors are welcome

January 22  Prof. E. James Petersson, University of Pennsylvania  "Thioamides: Minimalist chromophores for monitoring protein folding, misfolding, and proteolysis"

January 29  Prof. Jason Dwyer, University of Rhode Island  “Through the ultrathin window and into the nanoscale hole: I. Transmission electron microscopy (TEM) of liquid-phase samples and II. Nanopore force spectroscopy of molecular interactions”

February 5  Prof. David Liu, Harvard University  "Small-molecule and macromolecule discovery driven by evolution"

February 12  Prof. Thomas Miller, California Institute of Technology  “Quantum dynamics from classical trajectories: direct simulation of charge transfer in enzymes and molecular catalysts”

February 21  Prof. Mario Leclerc, Universite Laval  “Conjugated Polymers: From Micro-Electronics to Genomics”

February 26  Prof. Jingguang Chen, Columbia University  "Design of catalysts and electrocatalysts for energy applications"

March 5  Prof. Todd Lowary, University of Alberta  “Furanoside biosynthesis in mycobacteria and campylobacters”

March 12  Prof. Kenichi Kuroda, University of Michigan  “Designing antimicrobial polymers as synthetic mimics of host-defense peptides”

March 26  CANCELLED - MAX TISHLER AWARD LECTURE  
Dr. Roderick MacKinnon, Rockefeller University  “The Remarkable Diversity of K+ Channels”

April 2  Prof. David Crich, Wayne State University  “Stereocontrolled glycosidic bond formation: A challenge and an inspiration for organic chemists”

April 16  Prof. Scott Phillips, Pennsylvania State University  “New strategies in reagent design for point-of-use diagnostics”

April 23  Prof. David Moore, Lehigh University  "Using cryogenic spectroscopy to elucidate interactions of reactant molecules with nanocatalyst materials”

April 30  Prof. Basar Bilgicer, Notre Dame University  “Multicomponent molecular design for therapeutic applications”