

Biophysics Seminar Series
Sponsored by the Molecular Biophysics Training Grant
Pancoe ENH Auditorium, 12:30pm
Meetings Videoconferenced to Chicago Campus

Schedule for Academic Year 2009-2010

- October 22, 2009** **Robert Sauer, Massachusetts Institute of Technology**
Machines of Protein Destruction.
Hosted by Andreas Matouschek
- November 5, 2009** **Ann Marie Pyle, Yale University**
A glimpse into the heart of an ancient parasitic enzyme: crystal structure of a group II intron.
Hosted by John Marko
- November 24, 2009** **Borries Demeler, University of Texas, San Antonio**
Analysis of Reversible Associations and Multi-wavelength Detection in the Ultracentrifuge.
Hosted by Ishwar Radhakrishnan
(Special Biophysics Seminar held at 2PM in Cook 3118)
- December 1, 2009** **Kenton Swartz, National Institutes of Health**
Structural basis of voltage sensor function and pharmacology in voltage-activated ion channels.
Hosted by Indira Raman
(NBP seminar sponsored by Molecular Biophysics Training Grant)
- December 8, 2009** **Mei Hong, Iowa State University**
Structure and Dynamics of the Influenza A M2 Proton Channel in Lipid Bilayers from Solid-State NMR.
Hosted by Lawrence Pinto
(NBP seminar sponsored by Molecular Biophysics Training Grant)
- January 7, 2010** **David Giedroc, Indiana University**
A double-edged sword: structural mechanisms of metal homeostasis in bacterial pathogens.
Hosted by Ishwar Radhakrishnan
- March 10, 2010** **Roberto De Guzman, University of Kansas**
NMR studies of bacterial nanoinjectors & hantaviral zinc fingers.
Hosted by Ishwar Radhakrishnan
(Special Biophysics Seminar held at 2PM in Cook 3118)

April 1, 2010

Dorothee Kern, Brandeis University

The Choreography of a Protein's Dance: Exploration by NMR, Crystallography, Computation and Single Molecule Fluorescence Transfer.

Hosted by Ishwar Radhakrishnan

May 6, 2010

Wilma Olson, Rutgers University

DNA Mechanics and Nucleosomal Organization

Hosted by Jonathan Widom

June 3, 2010

Steve Kowalczkowski, University of California, Davis

Visual Biochemistry & Biophysics: Watching individual proteins acting on single molecules of DNA

Hosted by John Marko