

**Zev Bryant**, Stanford University, Subgroup Chair

**Molecular Biophysics Subgroup 2015 Symposium**

**Saturday, February 7, 2015**

**Baltimore, Maryland**

**Dynamics of Macromolecular Machines and Assemblies**

- 9:15 AM Opening Remarks
- 9:30 AM James Berger, Johns Hopkins University  
*Bending, Twisting, Popping: Protein and Nucleic-Acid Remodeling by ATP-Dependent Machines and Switches*
- 10:00 AM Terence Strick, CNRS/University Paris Diderot, France  
*Single-Molecule Analysis of Nucleotide Excision Repair Pathways*
- 10:30 AM Yann Chemla, University of Illinois at Urbana-Champaign  
*Direct Observation of Structure-Function Relationships in Nucleic Acid Processing Enzymes*
- 11:00 AM Coffee Break
- 11:15 AM Subgroup Business Meeting
- 11:30 AM Eric Greene, Columbia University  
*Visualizing Homologous Recombination at the Single-Molecule Level Using DNA Curtains*
- 12:00 PM Tanja Kortemme, University of California, San Francisco  
*Talk title to be announced*
- 12:30 PM Gregory Alushin, NIH  
*Visualizing the Structural Plasticity of the Cytoskeleton*
- 1:00 PM Nikta Fakhri, Massachusetts Institute of Technology  
*High-Resolution Mapping of Intracellular Fluctuations Using Carbon Nanotubes*
- 1:30 PM Concluding Remarks