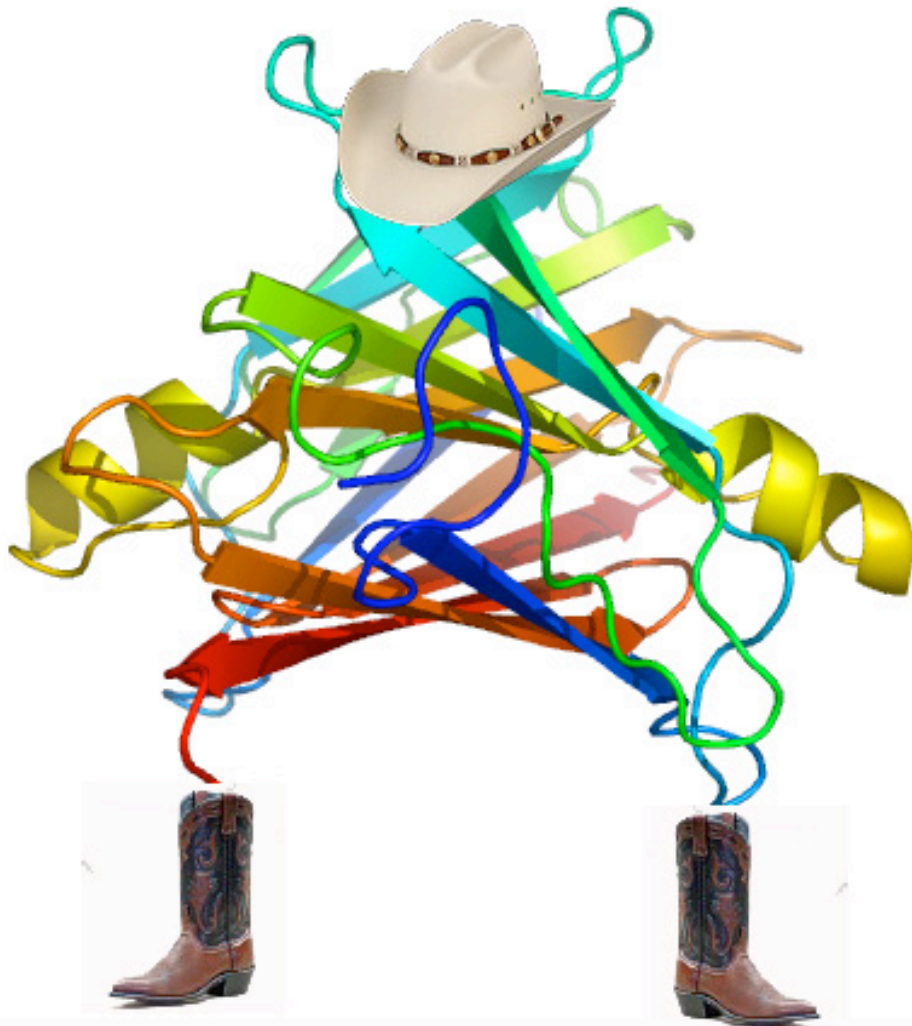


14th Annual Texas Protein
Folders Meeting



Camp Allen
Navasota, Texas
April 21-23, 2006

2006 TEXAS PROTEIN FOLDERS MEETING

Program

Friday April 21, 2006

- 4:00 PM Arrival and Registration
- 6:00 PM Dinner
- 7:00 PM **Introduction**
- 7:10 PM **Shawna Thomas** (Texas A&M University) “Simulating Protein Motions with Rigidity Analysis.”
- 7:50 PM **Sarah Bondos** (Rice University) “An evolutionarily conserved intrinsically disordered domain impacts multiple functions of the Drosophila Hox transcription factor Ultrabithorax.”
- 8:30 PM Social and Discussion

Saturday April 22, 2006

- 8:00 AM Breakfast
- 9:00 AM **Introduction**
- 9:10 AM **Payel Das** (Rice University) “Low-Dimensional Free Energy Landscapes of Protein Folding Reactions by Nonlinear Dimensionality Reduction.”
- 9:50 AM **Clay Clark** (North Carolina State University) “Assembly of the Procaspase-3 Subunits.”
- 10:30 AM Coffee Break
- 10:40 AM **Scarlett Blair** (Texas A&M University) “Identifying Residues Important for the Binding of Phosphoenolpyruvate (PEP) in Phosphofructokinase from *Lactobacillus bulgaricus*.”
- 11:20 AM **Jianpeng Ma** (Baylor College of Medicine) “Folding Tertiary Topology of Proteins of 300 ~ 400 Amino Acids.”
- 12:00 noon Lunch
- 3:00 PM Posters and Social

2006 TEXAS PROTEIN FOLDERS MEETING

- 6:00 PM Dinner
- 7:00 PM **Introduction**
- 7:10 PM **Dmitrii Makarov** (University of Texas at Austin) “Computer studies of protein translocation and unfolding inside pores.”
- 7:50 PM *Keynote Speaker:* **Kevin Plaxco** (University of California-Santa Barbara) “Better Living through Biosensors.”
- 8:30 PM Social and Discussion

Sunday April 23, 2006

- 8:00 AM Breakfast
- 9:00 AM **Introduction**
- 9:10 AM **Saul Trevino** (Texas A&M University) “The amino acid contribution to the solubility of Ribonuclease Sa.”
- 9:50 AM **Marlon Manalo** (Texas A&M University) “Experiment and Calculations suggest that RNA has Shorter Hydrogen Bonds than DNA.”
- 10:30 AM Coffee Break
- 10:40 AM **Jorg Rosgen** (University of Texas Medical Branch-Galveston) “Osmolyte solvation effects on biochemical reactions.”
- 11:20 AM **Bob Fox** (University of Texas Medical Branch-Galveston) “Structural and biophysical studies of HIV-1 Rev protein.”
- 12:00 AM Lunch and Departure