

SEB

next year

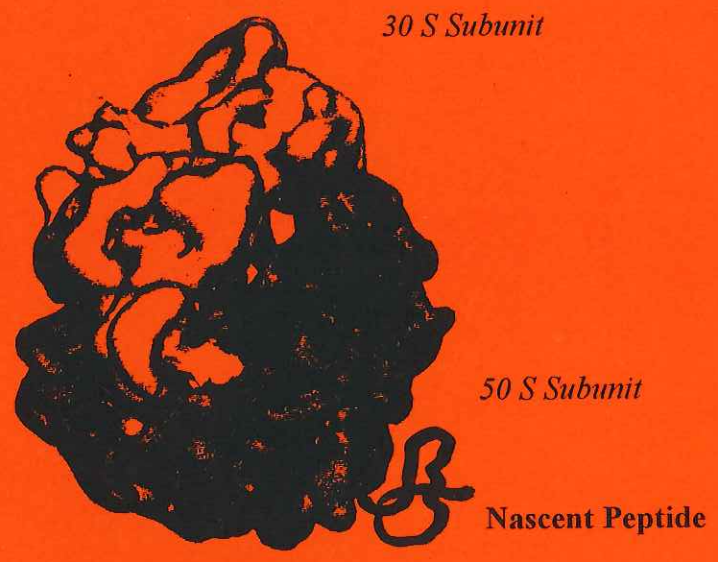
Fri: Apr 6 - 2001

Sun Apr 8 - 2001

Camp Allen

**Eighth Annual Texas
Protein Folders Meeting**

<http://pauling.tamu.edu>



Camp Allen, March 31-April 2, 2000

Program

Friday, March 31

6:00 PM **Dinner**

7:00 PM **Session 1: Unfolding/Folding and Folding Assistants**

Chairman: Barry Nall (UTHSC, San Antonio)

7:00 PM Barry Nall: Introduction

7:10 PM Wayne Bolen (UTMB, Galveston)

“The Thermodynamic Character of Protein Ensembles: Successes and Failures of the Linear Extrapolation Method”

7:40 PM Ji Zheng (Baylor Coll. Med., Houston)

“Catalysis of Native Protein Reduction by Protein Disulfide Isomerase: Dependence of the Protein Reduction Rate on the Protein Substrate Stability”

8:10 PM ~~Jon Robertus~~ (UT, Austin)

Sam Landry *DnaJ + DnaK*
Struct + Interaction
“~~Yeast FMO: A Vital Role in Folding Disulfide-bonded Proteins~~”

8:40 PM Mikhail Bogdanov (UT-Houston Med. Sch.)

“Lipid-assisted Protein Folding: Lipids as Molecular Chaperones and Anti-Chaperones”

Saturday, April 1

8:00 AM **Breakfast**

9:00 AM **Session 2: Recognition: Ligand Binding and Protein-Protein Interaction**

Chairman: Phil Thomas (UT SW, Dallas)

9:00 AM Phil Thomas: Introduction

9:10 AM Mark Britt (Baylor, Waco)

“Binding Thermodynamics of Reaction Intermediate Analogues to Bovine Adenosine Deaminase”

9:40 AM Robert Fox (UTMB, Galveston)

“The Design and Folding of Miniprotein Ligands”

10:10 AM Sasha Makarov (Engelhardt Inst. Molec. Biol., Moscow, Russia)

“Calmodulin Binds to the Myosin Light Chain Kinase Calmodulin Target Site in the Absence of Calcium”

10:40 AM Coffee break

10:55 AM Stephan Kopytek (Texas A&M)
“Chemically Induced Dimerization of Dihydrofolate Reductase by
a Homobifunctional Dimer of Methotrexate”

11:25 AM Elizabeth Strickland (UTSW, Dallas)
“Recognition of Misfolding Proteins by PA700, the Regulatory
Subcomplex of the 26S Proteasome”

12 noon **Lunch**

2:00 PM **Posters**

6:00 PM **Dinner**

7:00 PM **Session 3: Protein Stability – Surface Charge**
Chairman: Nick Pace (Texas A&M)

7:00 PM Kevin Shaw (Texas A&M)
“Charge-Charge Interactions Influence the Denatured State Ensemble
and Contribute to Protein Stability”

7:30 PM **Keynote speaker: Franz Schmid** (Bayreuth, Germany)
“The Thermostability of Proteins: Molecular Origins and Optimization
by Forced Evolution”

9:00 PM **Party**

Sunday, April 2

8:00 AM **Breakfast**

9:00 AM **Session 4: Structure and Structure Analysis**
Chairman: Marty Scholtz (Texas A&M)

9:00 AM Marty Scholtz: Introduction

9:10 AM Kizhake Soman (UTMB, Galveston)
“3-D Structures of Proteins from Constraints: A New Approach”

9:40 AM Vincent Hilser (UTMB-Galveston)
“Ensemble-Based Structural Informatics”

- 10:10 AM Marvin Hackert (UT-Austin)
"Convergent Evolution in PLP-Dependent Amino Acid
Decarboxylases"
- 10:40 AM Coffee Break
- 10:55 AM Jason Schmittschmitt (Texas A&M)
"Investigation of a Hydrogen Bond Network"
- 11:25 AM Patricia LiWang (Texas A&M)
"Structural and Functional Studies of the anti-HIV Chemokine
MIP-1 β "

12 noon **Lunch**

12:30 Joe