

**2nd Annual Mississippi Biophysics Consortium
May 28-29, 2009**

Thursday, May 28th

7:30 Registration / Breakfast

8:30 Opening Remarks



Ed Lewis
Head, Department of Chemistry
Mississippi State University

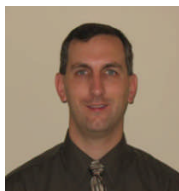


Peter Rabideau
Provost
Mississippi State University



Gary Myers
Dean of the College of Arts & Sciences
Mississippi State University

9:00 Steven Gwaltney
Mississippi State University



“Substrate Specificity in Carboxylesterase Binding ”

9:45 Gail E. Fanucci
University of Florida



“Pulsed EPR Investigations of HIV-1 Protease Interactions with
Substrates and Inhibitors”

10:30 Break

11:00 Nick Hud
Georgia Tech



“Structural and Thermodynamic Studies of Nucleic Acid
Intercalation”

11:45



Aaron Lucius
University of Alabama Birmingham

“Assembly and Polypeptide Translocation Activities of the E. Coli ClpA Molecular Motor”

12:30

Lunch

1:30



Loren Williams
Georgia Tech

“Recognition of DNA by Proteins: Direct and Indirect Readout”

2:15



Christie Brouillette
University of Alabama Birmingham

“Analysis of the Thermal Unfolding of CFTR Nucleotide Binding Domain 1 by Differential Scanning Calorimetry”

3:00



Robert Doerksen
University of Mississippi

“Computational Studies for Rational Design of GSK-3 and CD5K Inhibitors”

3:45

Break

4:15



Vince Licata
Louisiana State University

“Entropy and Denatured State Structure in a Thermophilic-Mesophilic Pair of DNA Polymerases”

5:00



Vijay Rangachari
University of Southern Mississippi

“Amyloid b-Peptides in Alzheimer’s Disease: Understanding the Aggregation Pathways and Designing Anti-Amyloid Agents”

7:00

Dinner

Friday, May 29th

7:30

Breakfast

8:30



Dev Arya
Clemson University

“Shape Recognition of Nucleic Acids”

9:15



Peter Prevelige
University of Alabama Birmingham

“Mass Spectrometry in Structural Virology”

10:00

Break

10:30



Christine Dunham
Emory University

"Understanding Ribosome Function Through
Structural Studies"

11:15



Shane Burgess
Mississippi State University

“Spoilt for data, desperate for knowledge: the consequences of the
genomic revolution, omic and digital biology at MSU”

12:00

Lunch

1:30



Sandra Harpole
Mississippi State University

“EPSCOR”

2:00

Business Meeting

3:00

Tours