OVERVIEW OF SYMPOSIUM: This symposium will feature Young Investigator Awardees presenting cutting-edge topics in Organic and Medicinal chemistry-related research. Speakers include Dr. Daniel Appella, National Institute of Health, Dr. David A. Spiegel, Yale University and Dr. Sarah E. Reisman, CalTech. Dr. Steven M. Bonser will moderate this cutting edge symposium.

MONDAY AFTERNOON

1:00  Enabling chemical discovery through the lens of computational microscope.  
      R. Amaro

1:20  Engineering peptide nucleic acids at the atomic- and nanoscale to detect and quantify nucleic acids from pathogens.  
      D. Appella

1:40  Understanding chiral recognition of amino acid based molecular micelles.  
      E. Billiot

2:00  Amphotericin b: A prototype for small molecules with protein-like functions.  
      M. D. Burke

2:20  Rational synthesis of carbon nanostructures from the bottom up.  
      W. R. Dichtel

2:40  Redox non-innocence in nitrosoarene and isocyanide ligands.  
      J. Figueroa

3:00  Controlling selectivity during light initiated reactions in solution.  
      S. Jayaraman

3:20  Discoveries and diversions in natural product synthesis.  
      S. E. Reisman

3:40  Using small molecules to engineer and explore human immunity.  
      D. A. Spiegel

4:00  Visible light enabled catalysis.  
      C. R. Stephenson