The symposium provides 1st-year participants in the Bioinformatics and Bioengineering Summer Institute an opportunity to run their best ideas by their colleagues prior to beginning their research projects. It also marks the end of Introductory Week and the start of getting the job done.

Program

1. Meredith Wouters  Carbonylation of carbonic anhydrase
2. Kweku Biney  Effect of methylation on *Trypanosoma cruzi*
3. Cameron Thomas  Human stem cell division
4. Justin Owen  Quiet vehicle avoidance systems for blind and deaf-blind pedestrians
5. James Deemy  Identification of positive coding sequences for proteins essential to the pathogenic behavior of *Naegleria fowleri*
6. Katie Vollmer  Reverse vaccinology: Combating endocarditis caused by *Streptococcus mutans*
7. Andy Surface  Using Bayesian statistics to predict water affinity and behavior in protein binding sites
8. Joe Moeller  Reverse vaccinology: Combating endocarditis caused by *Streptococcus mutans*
9. Cecie Blair  Analysis on the promoter of Treacher Collins syndrome
10. Andy Whittam  Implementing Significant Analysis of Microarrays (SAM) into BioBIKE
11. Rachel Stewart  Using RNAi to knock down Sgk1 levels in mouse neuronal cell culture
12. Tom Lopez  Computational modeling of *Trypanosoma cruzi* docking proteins to mammalian cells
13. Cyndi Trevisiol  Mathematical and simulated modeling of systemic effects in human wound healing model