

TAMU REU/VIGRE STUDENT MINI-CONFERENCE - 2006

July 31 and Aug 1
156 Blocker Hall

Monday Afternoon,
Tuesday Morning, and Tuesday Afternoon

MONDAY JULY 31 (afternoon)

- 1:00 - 1:20 " A Stochastic Approach to Modeling a Predator-Prey Interaction on a Patch/Corridor Habitat" (Dana Bergstresser and Theresa Wolf)
- 1:30 - 1:50 "Extremal questions for tetranomials" (Joel Gomez and Andrew Niles)
- 2:00 - 2:20 "Phylogenetic trees: exploring maps through the forest of tree-space" (Hannah Saugier)
- 2:30 - 2:50 "2-D Stochastic Analysis of Atherosclerosis" (Jason Pfister and Phil Zhang)
- 3:00 - 3:30 =====(30 minute refreshment break)=====
- 3:30 - 3:50 "Atherogenesis as an Inflammatory Instability" (Lindsey Abel and Jaime Kennedy)
- 4:00 - 4:20 "Small Phylogenetic Trees" (Stacy Stokes)
- 4:30 - 4:50 "Dynamics of a Predator-Prey System in Multipatch Arrangements" (Anicham Kumarasamy and Meagan Whaley)
- 5:00 - 5:20 "Nonstandard analysis and generalized functions" (Nathan Savir)
- 5:30 - 5:50 "Hypercyclic operators on the set of entire functions" (Aaron Bailey)

6:00 - 7:00 PM ** Dinner (PIZZA!!) for all students and mentors in 627 Blocker)**

TUESDAY AUGUST 1 (morning)

- 9:30 - 9:50 "When Different Species See Different Patches" (Allison Furey and Andy Zimmer)
- 10:00 - 10:20 "Protein structure prediction by homology modeling" (Gulseher Sarah Sirin)
- 10:30 - 11:00 =====(30 minute refreshment break)=====
- 11:00 - 11:20 "Goldbach's Conjecture" (James Davis)
- 11:30 - 11:50 "Solving Complex Polynomials and Molecular Models" (Chris Barot)

12:00 - 1:00 === LUNCH for REU and VIGRE course students in 627 Blocker ===
