

Participant Presentations
Research Experiences for Undergraduates

Department of Mathematics
University of Illinois at Urbana-Champaign

Summer 2009

Tuesday, August 4, 2009 – 159 Altgeld Hall

10:30 am: Jim Manning, University of South Carolina – Stochastic Processes REU
“Exchange Rate Behavior of Olympic Host Countries”

Wednesday, August 5, 2009 – 245 Altgeld Hall

3:00 pm: Casandra Rusti, Whittier College – Stochastic Processes REU
“Stochastic Modeling of Employment Dynamics”

3:30 pm: Bethany Herwaldt, University of Notre Dame – Number Theory REU
“The (Non)Randomness of the Thue-Morse sequence, I”

4:00 pm: Carlo Angiuli and Marcel Flores – Number Theory REU
“The (Non)Randomness of the Thue-Morse sequence, II”

4:30 pm: Zach Thomas, Otterbein College – Stochastic Processes REU
“A Regime-Switching Reliability Model”

Thursday, August 6, 2009 – 245 Altgeld Hall

12:30 pm: Hayley Belli, University of Oregon – Stochastic Processes REU
“Stochastic Modeling and Analysis of Unemployment”

1:00 pm: Mike DiPasquale and Dan Schultz, – Number Theory REU
“Lehmers' Picturesque Exponential Sums with a Twist”

1:30 pm: Joseph Briggs, North Carolina State University – Stochastic Processes REU
“Continuous State Markov Processes and an Application to Option Call Prices”

2:00 pm: Justin Kopinsky, University of Illinois at UC – Number Theory REU
“Super-Generating Functions”

2:30 pm: Bob Skowron, University of Illinois at UC – Stochastic Processes REU
“An Empirical Study of the Sensitivity of Risk Measures”