



MAKO Undergraduate Mathematics Research Conference – 2005

Schedule

9:00 am – 9:05 am	Welcome – Cheek 102	
9:05 am – 9:55 am	Invited Talk: Ron Wasserstein, Washburn University “What Mathematics and Forrest Gump Teach Us About Lotteries” Cheek 102	
	Cheek 100	Cheek 102
10:00 am – 10:25 am	Anna Madras “Randomly Generated Triangles whose Vertices are Vertices of a Regular Polygon”	Chris Farley “RSA Encryption”
10:30 am – 10:55 am	Nikki Kennedy “Spherical Semigroups”	Hai Pham “Nash Equilibrium”
11:00 am – 11:25 am	Chad Forshee “The Inverse Problem for a Simple Harmonic Oscillator”	Andrew Reed “Lotteries”
11:30 am – 11:55 am	Elizabeth Bobzien William Leeds “Predicting Occurrence of Missouri Bladderpod (<i>Lesquerella Filiformis</i>): Modeling Over Space and Time”	Samantha Cash “The Clock Lattice of a Plane Graph”
12:00 pm – 12:50 pm	Lunch – Cheek Lobby	
	Cheek 100	Cheek 102
1:00 pm – 1:25 pm	Brandon Snow “Three Problems in Elementary Mathematics”	Diane Henry “Su-doku for Dummies”
1:30 pm – 1:55 pm	“Jason Forrest” “Simplices in Hypercubes”	Joshua Liberman “On the Limit of Rational Functions with Two Variables”
2:00 pm – 2:25 pm	Robert D. Jones “Defining Affine Varieties”	David Failing “Self-Generating Sets, Missing Blocks, and Substitutions”
2:30 pm – 2:55 pm	Grant Gelven “Generating Functions and k -Derangements”	Will Hickman “Div, Curl, Grad, and Homology”
2:55 pm – 3:00 pm	Closing and final remarks – Cheek 102	