

# The Sixth Annual Darwinian Student Symposium

Lincoln Park Zoo, April 5, 2009

Time	Speaker	Title
9:00	Andrew Dosmann	<i>Temperament traits in Belding's ground squirrels: Evolutionary dynamics of complex phenotypes</i>
9:15	Annat Haber	<i>Does morphological integration have macroevolutionary implications?</i>
9:30	Sara Branco	<i>Serpentine soils do not limit fungal diversity</i>
9:45	David Turissini	<i>Using high-throughput sequencing to investigate reproductive isolation in <i>Drosophila melanogaster</i></i>
10:00	Libby Eakin	<i>Gypsy moth feeding behavior and its effect on the risk of LdNPV infection</i>
10:15	Aaron Kandur	<i>Modeling the Mussel Bed Community: A Neural Network Approach</i>
10:30	Coffee Break	
11:00	Kevin Bullaughey	<i>Evolutionary implications of regulatory architecture: Insights from a computational model of gene expression</i>
11:15	Natasha Bloch	<i>Signals in light of visual perception: A study of opsin evolution in new and old world warblers</i>
11:30	Rebecca Budinoff	<i>Steps toward a whole genome phylogeny of Vibrionaceae (Bacteria: <math>\gamma</math>-Proteobacteria)</i>
11:45	Michelle Rafacz	<i>A comparison of the role of androgens in paternal care between gibbon species</i>
12:00	David Kennedy	<i>Inferring intrahost disease dynamics through dose response experiments</i>
12:15	Eric Hungate	<i>Genetics of Octanoic Acid Tolerance in <i>Drosophila Sechellia</i></i>
12:30	Lunch	
1:30	Daniel Matute	<i>Fine-scale genetic analysis of hybrid inviability between <i>Drosophila melanogaster</i> and <i>D. santomea</i></i>
1:45	Matthew Heintz	<i>The Immediate and Delayed Benefits of Play Behavior in Chimpanzees</i>

2:00	Ben Krinsky	<i>The evolution and molecular biology of new genes in Drosophila</i>
2:15	Edna Davion	<i>Why do nocturnal primates have cones?</i>
2:30	Elizabeth Scordato	<i>Causes and consequences of divergence in sexually selected traits: An example using an avian ring species</i>
2:45	David Wheatcroft	<i>The Evolution of Cooperation in Avian Mobbing</i>
3:00	Will Tyburczy	<i>Discordant time scales: The effects of seasonal reproduction on predator-prey dynamics</i>
3:15	Aaron Savit	<i>Tanagers of the genus Tangara: Insights into the evolution of tropical diversity</i>
3:30	Nicholas Block	<i>Cryptic Diversity in a Malagasy songbird</i>
3:45	Cindy Carlson	<i>“Behavioral Mechanisms of Postcopulatory Sexual Selection in Pigtail Macaques (Macaca nemestrina leonina)”</i>
4:00	Small Group Discussions	