

Thursday, April 26, 2007

Opening Session, Dow 226, 4:00 p.m.

Dr Sean Carroll, University of Wisconsin-Madison

“The Making of the Fittest: The DNA Record of Evolution”

Reception Following

Friday, April 27, 2007

Lecture Session, Dow 226, 4:00-6:00 p.m.

4:00-4:20	Erin Payne	Nitrate Additions to Wetland Sediments to Test for Evidence of N-S Coupled Dissimilatory Nitrate Reduction to Ammonium
4:20-4:40	Jillian Glover	The Effects of DNA-PKcs Deficit on Cellular Senescence and Intrauterine Growth in Canine Models of Severe Combined Immunodeficiency
4:40-5:00	Lindsay Voss	Expression and Secretion of Phytase in <i>Pichia Pastoris</i> : Random Mutation as an Approach for Increasing Production and Secretion
5:00-5:20	Jonathan Kamm	Attempted Post Molting Horizontal Transmission of the Microsporidia Parasite <i>Cougourdella sp.</i> Among the Caddisfly <i>Glossosoma Nigrion</i>
5:20-5:40	Angela Sremba	Comparison of <i>Euphausia pacifica</i> Ingestion Rates on Five Different Phytoplankton
5:40-6:00	Seema Jolly	An Isotopic Investigation of Nitrate Processing in Shallow Groundwater in the White Clay Creek Watershed, Pennsylvania

Poster Session, Dow Third Floor, 7:00-8:15 p.m.

Jessie Allen	The Effects of Fertilization and Heterogeneity On the Growth Strategies of Clonal Plants
Kelly Amrhein	Where will they go? : <i>Cryptomonas erosa</i> Vertical Distribution in a Poorly Mixed Water Column with Nutrient and Light Gradients
Amelia Barker-King	The Impact of Athletic Participation on Women at Kalamazoo College: Good for the Athletes, Good for the College
Ian Behr	Megalyn in Periventricular Cells of Adult Male Rat Brains and In-Vitro SHBG Binding to Cells Through Interaction with a Megalyn Receptor
Michael Benson	Among-Population Variation of Outcrossing Rate in the Winter Annual Plant <i>Collinsia verna</i>
Sarah Booth	In GSH-MBCL Assay with Human Microsomes, Increased Glutathione Concentration and Pre-Incubation with NADPH and ABT Overcomes Signal Reduction
Brett Bullard	Investigation of the Differences in GC-FID Profiles of Genus Iridomyrmex Ant Volatiles and GC-EAD Responses of a Myrmecophilous Butterfly, <i>Jalmenus evagoras</i> (Lepidoptera: Lycaenidae)
Patrick Chase	Resistance to Daptomycin in the Treatment of Methicillin Resistant <i>Staphylococcus aureus</i> Bacteremia
Lindsey Cregan	Analysis of Enhanced Green Fluorescent Protein Expression in Corticotropin Releasing Hormone Neurons in CRH-eGFP BAC Transgenic Mice
Kristin Dominguez	Effects of Urbanization on Stream Salamander Habitat Selection: An Experimental Study
Katie Drumm	Artificial diet trials for the butterfly <i>Jalmenus evagoras</i> (Lepidoptera: Lycaenidae)

Poster Session, Dow Third Floor, 8:15-9:30 p.m.

Adam Granger	Inhibition of Avian Leukosis Virus Replication by RNA Interference Using miRNAs
Kristin McBarnes	LandSea's Lasting Effect: A Study of the Effects of the Kalamazoo College LandSea Program
Samantha Middleton	Ovicidal Effects of Organophosphate Replacement Chemicals on Plum Curculio (<i>Conotrachelus nenuphar</i> Herbst) Eggs
Jordan Mortenson	The Role of the Hypoxia-Inducible Factor in the <i>Euprymna scolopes</i> , <i>Vibrio fischeri</i> Endosymbiosis
Farah Pedroso	In Vitro synthesis of, Methyl Salicylate & Methyl Benzoate, by <i>Nicotiana glauca</i> via BSMT
Anthony Phelps	Evaluation of Trécé Cidetrack Pheromone and Kairomone Dispensers in Mating Disruption of Codling Moth, <i>Cydia pomonella</i>
Kelsey Sargent	The Effect Of Carbondioxide and Nitrogen on <i>Achillea millefolium</i> L. and <i>Agropyron repens</i>
Jenna Sonne	A Study of Periodontal Disease in Domestic Canines
Desiree Thompson	Do Endophytes Help with Resistance to Drought and Herbivory in <i>Ammophila breviligulata</i> ?
Ashley VanderHam	Effects of Annual Removal of <i>Plethodon cinereus</i> on Plant Diversity in the E.N. Huyck Preserve and Biological Research Station
Nick Wasmer	Effects of Supplemental Sulfur on Growth and Stress Tolerance of Red Maple (<i>Acer rubrum</i>)
Vanessa Wyant	National Organic Certification in the United States and the Organic Agriculture Movement

Saturday, April 28, 2007

Lecture Session, Dow 226, 8:30 a.m.-1:00 p.m.

8:30-9:00	Coffee and Doughnuts	
9:00-9:20	Alaina Brinley	Evaluation of Microbial Diversity in Ophiolite-Hosted Cold Springs
9:20-9:40	Elizabeth Hauslein	The Role of CD23+ B Cells in Host Protection Against <i>Schistosoma mansoni</i>
9:40-10:00	Christopher Smart	Nitrogen Fertilizer Addition does not Affect Arbuscular Mycorrhizae Colonization in <i>Daucus carota</i> and <i>Agropyron repens</i>
10:00-10:20	Emily Cornwell	Effects of Short-term Culture on the Physiology of Mitochondrion-rich Cells in the Opercular Membrane of <i>Fundulus heteroclitus</i>
10:20-10:40	Reid Dominie	Habitat Factors and Spatial Patterns in Determining the Species Composition of a Great Lakes Shoreline
10:40-11:20	BREAK	
11:20-11:40	Sara Beloglavec	Use of Continuous Culture to Model Recurrent Bacterial Vaginosis
11:40-12:00	Caitlin Powell	Perceived Alteration by the Customer and Consumer of the Aroma Profile in Dry Kibbled Cat Food Using Odor Masking Agents
12:00-12:20	Peter Schneider	Progressive Color Changes in the Eggs of the House Wren
12:20-12:40	Lauren Waltersdorf	The Role of Potassium in Cobalamin-Dependent Methionine Synthase
6:00pm	Banquet	