

Schedule of Events

Thursday, May 1, 2008: Opening Session 4:00 p.m. (Dow 226)

Dr. Neil Shubin

University of Chicago; Provost of The Field Museum

“Finding Your Inner Fish”

Reception Following

Friday, May 2, 2008

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

4:00-4:20	<u>Alexandra McCubbrey</u>	CD73 Modulation of Atherosclerotic Plaque in Apolipoprotein E Deficient Mice
4:20-4:40	<u>Lenya Friesner</u>	Antonym: Opposites Abroad (a graphic literature memoir)
4:40-5:00	<u>Peter Choo</u>	Gestational Choline Supplementation Does Not Alter Adulthood Effects of Amphetamine or Nicotine on Auditory Gating in Rats
5:00-5:20	<u>Kyle Wilson</u>	On the Evolutionary Origins of β -secretase: The Sequencing and Phylogenetic Analysis of <i>Branchiostoma floridae</i> BACE1
5:20-5:40	<u>Michelle Stinson</u>	The Imperative Necessity of a New Assessment of Well-being in Providing Aid and Assistance
5:40-6:00	<u>James Mickley</u>	Tree Density and Fire Scarring in Minnesota Oak Savanna: Implications for Restoration

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

<u>Amy Allen</u>	Interspecific and Intraspecific Partitioning of Foraging Times Among Three Tropical Bat Species in La Sierra Norte, Oaxaca, Mexico
<u>Catherine Bartnik</u>	Cytosine β -D-Arabinofuranoside Drug Sensitivity in Down Syndrome Lymphoblastoid Cell Lines
<u>Ashley Boehmke</u>	The Evolution of the Amyloid Precursor Protein: Insights from the Phylogenetic Analysis of the <i>Branchiostoma floridae</i> APP
<u>Alyssa Brayshaw</u>	Comparative Phylogeography of Two Scombridae Species in the Indonesia Archipelago: Understanding the Dispersal Dynamics of a Pelagic Species
<u>Stefano Crescentini</u>	HAP Removal and Analysis Using Proteomine [©] and Proteopure [©]
<u>Ryan Gardner</u>	Investigation of pH Changes in Reference to the Invasive Earthworm <i>Lumbricus rubellus</i>
<u>Gary Gerlach</u>	Building and Testing of a MUHEG Capped Lead Biosensor Specific Against Mercury Quenching
<u>Lauren Groppi</u>	Stride Frequency and Stride Length in Horses Performing Treadmill Endurance Exercise
<u>Patrick Grucelski</u>	Effects of <i>Typha x glauca</i> Invasion on Nitrogen Fixation in a Great Lakes Coastal Wetland
<u>David Hyman</u>	A Casein Kinase 1 Epsilon Single Nucleotide Polymorphism and Acute Response to Caffeine in Humans
<u>Ryan Ouillette</u>	Functional Analysis of the HD and ACT Domains of the <i>E. coli</i> Signal-Transducing Uridylyltransferase/Uridylyl-Removing Enzyme (UTase/UR)
<u>Brittany Snider</u>	Effects of Selective Myostatin Inhibitor PAH-A on Broiler Skeletal Muscle Development

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

<u>Zachary Klug</u>	The Relation of Fundamental Abiotic Factors on Spawning Behavior of Horseshoe Crab, <i>Limulus polyphemus</i>
<u>David Konopka</u>	Refinement of an Optimized Batchwise IMAC Protocol
<u>Leanne Lawwell</u>	Role of Protein Kinase C in the Expression of Inducible Nitric Oxide Synthase in BV-2 Microglial Cells
<u>Amy Lindholm</u>	Hello: A Series of Oil Paintings
<u>Kathleen Maiorana</u>	The Effectiveness of Four Trap Types for Non-Volant Small Mammals
<u>Sarah Maisano</u>	Patterns of Pediatric Hospitalizations in an Inner-City Hospital
<u>Caitlin Paul</u>	Cloning, expression and activity of B cell Activating Factor
<u>Kathleen Sholty</u>	Occurrence and potential interaction of two species of chipmunks (<i>Tamias</i>) in Rocky Mountain National Park
<u>Joshua Stoolman</u>	Nod2 Receptor is Required for Normal Alveolar Macrophage TNF- α Secretion Response to <i>Pseudomonas Aeruginosa</i>
<u>Kathleen Thompson</u>	Modulation of Free Radical Scavenging Pathways in Response to Passive Stretch Training in Mice
<u>Jenifer (Robles) Sweet</u>	Effects of Video Enrichment on Paired and Individually-housed Cynomolgus Macaques
<u>Jacqueline Howard</u>	The Effect of Ants on Membracid Nymph Growth Patterns: Size and Development Rate

Saturday, May 3, 2008

Lecture Session: 8:30 a.m.–1:20 p.m. (Dow 226)

8:30-9:00	Coffee and Doughnuts	
9:00-9:20	<u>Kathryn Muir</u>	An Analysis of the Fitness of Interspecific, Intraspecific, and Non-hybrid <i>Raphanus</i> Populations in Michigan
9:20-9:40	<u>Ellen Chenoweth</u>	Tidal Influences on Behavior and Dispersal of Humpback Whales in Glacier Bay and Icy Strait, Alaska
9:40-10:00	<u>Paul Clegg</u>	Factors Affecting Red-Spotted Newt Abundance in the Edmond Niles Huyck Preserve
10:00-10:20	<u>Kelly Houseal</u>	Effect of Instructor Bias on High School Biology Students' Acceptance of Evolutionary Theory
10:20-10:40	BREAK	
10:40-11:00	<u>Christopher Keller</u>	Differential Allocation: Sex Ratio Adjustment in House Wrens
11:00-11:20	<u>Ariane Reister</u>	Survivorship of Aphid Natural Enemies on Different Flower Species
11:20-11:40	<u>Levent Sipahi</u>	High and Low Affinity Ci Binding Sites Mediate Universal and Tissue-Specific Expression Patterns
11:40-12:20	LUNCH BREAK	
12:20-12:40	<u>Sean Smith</u>	SpoIVFB Cysteine Residues are Required for Regulated Intramembrane Proteolysis of pro- σ^K
12:40-1:00	<u>Vanessa Topping</u>	Responses of Macrophages to Inflammation in the Chorioamniotic Membranes of the Human Placenta
1:00-1:20	<u>Eric Wohlford</u>	Cardenolide Handling by three Specialist Aphid Herbivores of Milkweeds
6:00 p.m.	Banquet	