EKU BIOS Seminar Series
Eastern Kentucky University
Department of Biological Sciences
Graduate Seminar - Spring 2012

Fridays[a], 11:15-12:05[b], Memorial Science 71[a], EKU, Richmond, KY

Jan 13th (Moore 107) - **Dr. Oliver Oakley**, University of Kentucky, Dept.Clinical Sciences
The Use of Flow Cytometry to Help Unravel Ovulation

Jan 18th (Wednesday, Moore 107) – **Dr. Mary Garcia**, University of Kentucky, Dept. Physiology
Muscle Mitochondria are not Created Equal

Jan 20th (Moore 107) - **Dr. Kurt Gibbs**, Rutgers University, Center of Collaborative Neuroscience
Promoting Functional Recovery After Spinal Cord injury

Jan 23rd (Monday, Moore 107) - **Dr. Lisa Antoszewski**, U. Pitt. Sch. Med., Dept. Dev. Biol.
What Happens When There is no Filter? Using Zebrafish to Understand Kidney Development

Feb 3rd – **Ryan O'Connor**, EKU Department of Biological Sciences, MS student
Breeding Biology of Chuck-Will's Widow: Nest Success and Nest –Site Selection

Feb 10th – **Jim Scheff**, EKU Department of Biological Sciences, MS student
The development of old-growth structure in second-growth forests of the Cumberland Plateau, Kentucky

Feb 24th – **Abby Cornette**, EKU Department of Biological Sciences, MS student
Are You HIV Resistant?

March 2nd – **Marissa Buschow**, EKU Department of Biological Sciences, MS student
Home Ranges & Behavior of White-throated Sparrows

March 16th – **Adam Heist**, EKU Department of Biological Sciences, MS student
Provisioning behavior of male and female loggerhead shrikes

March 23rd – **Mathew Luttrell**, EKU Department of Biological Sciences, MS student
Chemosensory Detection and Predatory Avoidance by two *Eurycea* salamanders, *E. cirrigera* and E. *lucifuga*

March 30th – **Erica West**, EKU Department of Biological Sciences, MS student
Assessment of antimicrobial resistance in pathogens responsible for causing bovine mastitis in Kentucky

Apr 6th – **Justin Basham**, EKU Department of Biological Sciences, MS student
Population Distribution and Demographics of Smallmouth Bass in Silver Creek, Madison County, Kentucky

Apr 11th (Wednesday) – **Julie Clark**, EKU Department of Biological Sciences, MS student
The Vascular Flora of Breaks Interstate Park

Apr 13th – **Britney Huron**, EKU Department of Biological Sciences, MS student
Macroinvertebrate Communities in Forested Wetlands Reflect Wetland Condition

Apr 18th - (Wednesday, Moore 107)– **Dr. Katheryn Flinn**, Bates College (Maine), Biology Dept.
Forest recovery on former farmland

Apr 20th – **Sue King**, EKU Department of Biological Sciences, MS student
Four-toed Salamander (*Hemidactylium scutatum*) Nest Site Characteristics in Natural and Constructed Wetlands

Apr 23rd (Monday, Moore 107)– **Dr. Brad Ruhfel**, Univ. of Florida, Museum of Nat. History
From the Field to the Phylogeny: Phylogenetic and Biogeographic Approaches to Understanding Plant Diversity

Apr 25th - (Wednesday)– **Will Overbeck**, EKU Department of Biological Sciences, MS student
Vascular Flora of Garrard County, Kentucky

Apr 27th – **Sabrina McOwen**, EKU Department of Biological Sciences, MS student
Use of Auditory Stimuli in Predator Recognition of Carolina Chickadees

[a] Except where listed otherwise; some seminars are on Monday or Wednesday, and several are in Moore 107 instead of Memorial Science 71
[b] Light refreshments available at 11:05 am, seminar begins at 11:15