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

Fridays\textsuperscript{a}, 11:15-12:05\textsuperscript{b}, Memorial Science 71\textsuperscript{a}, EKU, Richmond, KY

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

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

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

What Happens When There is no Filter? Using Zebrafish to Understand Kidney Development

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

Feb 10\textsuperscript{th} – 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 24\textsuperscript{th} – Abby Cornette, EKU Department of Biological Sciences, MS student  
Are You HIV Resistant?

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

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

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

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

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

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

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

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

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

Apr 23\textsuperscript{rd} (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 25\textsuperscript{th} - (Wednesday)– Will Overbeck, EKU Department of Biological Sciences, MS student  
Vascular Flora of Garrard County, Kentucky

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

\textsuperscript{a} Except where listed otherwise; some seminars are on Monday or Wednesday, and several are in Moore 107 instead of Memorial Science 71

\textsuperscript{b} Light refreshments available at 11:05 am, seminar begins at 11:15