

**EKU Department of Biological Sciences**  
**Graduate Seminar - Spring 2013**  
**Fridays, 11:15-12:05<sup>a</sup>, Memorial Science 71, EKU, Richmond**

January 18 - **Dr. Melissa Pilgrim**, University of South Carolina Upstate

Using stable isotopes to assess variation in reproductive allocation  
and foraging strategies in snake populations

January 25 - no seminar - cookies & coffee in Moore 177 Sense of Community room

February 1 - **Dr. David Weisrock**, University of Kentucky

Next generation systematics - Canceled due to snow/ice

February 8 - no seminar - Kentucky Field Stations meeting at Bernheim Forest

February 15 - **Dr. Rachel Santymire**, Lincoln Park Zoo, Chicago (in **Moore 107**)

How Feces Save Species

February 20 - **Dr. Lindsay Calderon**, EKU Department of Biological Sciences (in **Moore 107**)

Deciphering Hypertension: A Study of Arterial Physiology

February 22 - **Dr. Ed Fredrickson**, EKU Department of Agriculture – TBA

Desertification in the Northern Chihuahuan Desert: A Case of Changing Human Values

March 1 - **Dr. Benjamin Freed**, EKU Department of Anthropology, Sociology, & Social Work

Help! How Two Lemur Species on the Forest Edge Rely on Each Other (and on Humans)

March 8 - Tentative: Behavioral Ecologist Interview Seminar - TBA

March 15 - Spring Break - No seminar

March 22 - **Josh Jones**, MS Student, EKU Department of Biological Sciences

Negative Effects of Invasive Crayfish on Native Species  
and Recommendations for Management

March 29 - **Dr. Kelly Watson**, EKU Department of Geography and Geology

Land-cover Change Associated with Drier Forest Composition  
in the Apalachicola River Floodplain of Northwest Florida

April 5 - **John Yeiser**, MS Student, EKU Department of Biological Sciences

Habitat Associations of Stream Salamanders Across Multiple Spatial Scales  
in Central Kentucky Headwater Streams

April 12 - no seminar - Association of Southeastern Biologists Annual Conference

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<sup>a</sup> Light refreshments available at 11:05 am, seminar begins at 11:15

April 19 - **Dr. Stephen Richter**, ECU Department of Biological Sciences

Effects of Historic Biogeography and Current Land Use on Genetics of Gopher Frogs

April 26 - TBA

May 4 - **Dan Ratterman**, MS Student, ECU Department of Biological Sciences

Biotic Assessment of Fish and Macroinvertebrate Communities  
Relative to Wastewater Treatment and Land Use in Two Central Kentucky Streams