MLBS Seminar Series
Summer 2018

Lewis Hall Auditorium
Tuesday and Thursday Evenings, 8:00p.m.
Mountain Lake Biological Station
Giles County Virginia
540-626-7196 mlbs@virginia.edu mlbs.org

May 29
Christian Cox
Department of Biology, Georgia Southern University
Evolutionary regulation of sexual dimorphism and sex-biased gene expression

May 31
Dave Neely
Tennessee Aquarium Conservation Institute
Minnows, sculpins, and darters, Oh My! A brief introduction to the diversity of North American freshwater fishes

June 5
Chloé Lahondère
Department of Biochemistry, Virginia Tech
Eco-physiology and neuro-ethology of mosquitoes

June 7
Henry Wilbur
Biology Department, University of Virginia
History of Mountain Lake Biological Station

June 12
Sarah McGrath
Department of Biology, James Madison University
Exploring the microbiome: Diversity of the skin microbial community of three foam nesting frogs, genus: Polypedates, across a developmental gradient

June 14
REU Proposals

June 15 (Fri)
Walton Lecture
Regina Baucom
Department of Ecology and Evolutionary Biology, University of Michigan
The evolution of resistance in an agricultural weed: Convergence, costs, and the mating system

June 19
Dana Hawley
Department of Biological Sciences, Virginia Tech
Why bite the hand that feeds you? The evolution of virulence in a songbird disease system

June 21
Josef Uyeda
Department of Biological Sciences, Virginia Tech
On the need for phylogenetic natural history

June 26
John Lill
Department of Biological Sciences, The George Washington University
Ecological determinants of diet breadth in caterpillars: A multitrophic Perspective

June 28
Jake Socha
Department of Biomedical Engineering and Mechanics, Virginia Tech
The biomechanics of flying snakes and breathing bugs

July 3
Sonia Altizer
Odom School of Ecology, University of Georgia
Setting the table for disease outbreaks? Resource subsidy and wildlife-pathogen interactions

Updated: 12 June 2018
July 5  Emme Bruns
Department of Biology, University of Virginia
**Evolution of age-specific resistance: Why are juveniles more susceptible to disease?**

July 6 (Fri)  David Stern
Janelia Research Campus, Howard Hughes Medical Institute
**How flies evolve new courtship songs: A new approach to evolutionary neuroscience**

July 10  Carly Muletz Wolz
Center for Conservation Genomics, Smithsonian’s National Zoo and Conservation Biology Institute
**Amphibian disease in relationship to host microbiomes, chytrid fungi, and the environment**

July 12  Elizabeth Schultheis
Kellogg Biological Station, Michigan State University
**When there is no escape - the role of natural enemies in biological invasions**

July 17  *ArtLab Lecture*
Nancy Blum
**Drawings and public art**

July 19  John Kelly
Department of Ecology and Evolutionary Biology, The University of Kansas
**Title TBA**

July 24  Susana Wadgymar
Biology Department, Davidson College
**Climate change and patterns of local adaptation along an environmental gradient**

July 26  Martha Munoz
Department of Biological Sciences, Virginia Tech
**The motors and brake that shape phenotypic diversity**

July 31  No seminar

August 1 (Wed)  *REU Final Reports*

August 2  *REU Final Reports*