



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
Minnnows, 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

- 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
The question of variation
- 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*