

EEB603: Ecology & Evolution of Emerging Infectious Diseases

Instructor: Dr. Michael Gilchrist (*mikeg@utk.edu*)

Time & Location:

Weekly Meetings: R 3:40PM - 4:55PM, HBB 427

Additional Meetings: F 3:30-4:30 in SERF 307 on Jan 19, Feb 23, Mar 19, Mar 23, & Mar 30

Course Schedule

Date	Speaker	Institution	Title
Jan 18 Jan 19	Scott Weaver	U. Texas Medical Branch	Dengue Evolution and Emergence Host Range Changes and Arboviral Emergence *
Jan 25 Feb 1	Michael Gilchrist	Dept. of Ecology & Evol. Biology, UTK	Basic Concepts in Epidemiology & Evolution
Feb 8 Feb 9	Paul Ewald [†]	University of Louisville	Gauging the Threat Posed by Emerging Diseases The Evolutionary Control of Virulence & Antibiotic Resistance among Diarrheal Diseases
Feb 15	Lou Gross Suzanne Lenhart	Dept. of Ecology & Evol. Biology Dept. of Mathematics, UTK	Disease Models and Optimal Control
Feb 22 Feb 23	Janis Antonovics*	University of Virginia	Anther Smut as a Model System for Host-Shifts Disease and Distributional Limits: Cuckoo Bees & Wild Carnations*
Mar 1	Pam Small	Dept. of Microbiology, UTK	<i>Mycobacterial ulcerans</i> : Deciphering the mysteries of an environmental pathogen
Mar 8	Graham Hickling	Dept. of Forestry, Wildlife, & Fisheries, UTK	Resurgence of Tick-Borne Diseases in the Eastern U.S.
Mar 15	SPRING BREAK		
Mar 22 Mar 23	Parvize Hosseini	Princeton University	The Spread of Conjunctivitis in House Finches Seasonality and Ecological Disease Dynamics
Mar 29 Mar 30	Colin Parrish	Cornell University	TBA Host jumping by viruses
Apr 5	Tomas Martin-Jimenez	Dept. of Comparative Medicine	Drug and Antimicrobial Resistance
Apr 12	Kurt Lamour	Dept. of Entomology & Plant Pathology, UTK	Emerging Oomycete Plant Pathogens in the genus <i>Phytophthora</i>
Apr 19	Kevin Smith	Washington University	Chytrids and Amphibian Declines
Apr 26	Scott Schlarbaum	Dept. of Entomology & Plant Pathology, UTK	TBA

* Part of EEB Departmental Seminar Series

[†] Part of TN Darwin Days Events

March 7, 2007