



SPRING 2016 BIOLOGY SEMINAR SERIES

Tuesdays, 2pm-3pm in Old Main #102 (Thomas Assembly Room)

DATE	Location	SPEAKER	Title
Jan 12	Old Main 102	Bob Poage, Ph.D. (course facilitator)	Introduction to the scientific seminar; "How research writes textbooks"
Jan 19	Old Main 102	Kaitlin Campbell, Ph.D.	Community ecology of invertebrates at a diversity of scales
Jan 26	Old Main 102	Erica Westerman, Ph.D.	Mechanisms of visual attraction: genetics, environment, and experience
Feb 2	Old Main 102	Carissa Ganong, Ph.D.	Effects of precipitation regime on neotropical stream chemistry and macroinvertebrates
Feb 9	Old Main 102	SPIRE Fellows*: Amanda Pierce, Ph.D. , Elizabeth Danka, Ph.D., Nik Stasulli, Ph.D.	The effect of behavior on population genetics and genomics Mechanisms of interbacterial signaling and competition Microbial mingling: polymicrobial interactions producing unique specialized metabolites
Feb 16	Old Main 102	SPIRE Fellows*: Lathiena Manning, Ph.D. Danielle Fortune, Ph.D.	Scaffold protein <i>Caucoc</i> 's role in controlling cell shape dynamics in <i>Drosophila</i> gastrulation Small molecule signaling in the pathogenic bacterium, <i>Clostridium difficile</i>
Feb 23	Old Main 102	SPIRE Fellows* : Dan Brown, Ph.D. Dave Steinberg, Ph.D.	-Neuregulin 1 is essential for zebrafish cardiac maturation through its role in regulating cardiac innervation -Using reptiles and amphibians to understand how sensory biology influences behavior
Mar 1	Old Main 102	Matina Kalcounis-Rueppell, Ph.D. (UNC at Greensboro, Biology)	Nest behavior and ultrasound production in wild, free-living, <i>Peromyscus</i> mice.
Mar 8	--	--	<SPRING BREAK>
Mar 15	Old Main 102	Stephanie Montgomery DVM, Ph.D. (UNC Chapel Hill, Director, Animal Pathology Core Facility)	Veterinary Pathology: How does animal pathology teach us about human health?
Mar 22	Old Main 102	Brian Strahl, Ph.D. (UNC Chapel Hill, Biochemistry & Biophysics)	How the histone code regulates your DNA code
Mar 29	Old Main 102	Todd J. Cohen, Ph.D. (UNC Chapel Hill, Neurology)	Alzheimer's disease- Deciphering the <i>tau</i> code
Apr 5	Old Main 102	Lindsay Zanno, NC Museum of Natural Sciences and NC State University, Biological Sciences	Fearsome continent: New discoveries reveal the lost Cretaceous worlds of western North America
Apr 12	Old Main 102	Erika Young, Ph.D. candidate, UNC Institute of Marine Sciences	Influences of shoreline stabilization structures on nekton and avian assemblages in salt marsh habitats (bulkheads are bad?!)
Apr 19	Old Main 102	Kenneth A. Hayes, Ph.D. (Howard University, Biology)	Evolution, ecology and conservation: Insights from the study of terrestrial and aquatic snails
Apr 26	Old Main 102	Frank W. Smith, Ph.D. (UNC Chapel Hill, Biology)	Walking heads: The evolution of the tardigrade body plan



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