

Montgomery Ward Lecture Hall, west entrance, Chicago Field Museum

Nov 11

- 8** Registration opens
- 8:50** Shannon Hackett Welcome
- 9:00** Lata Kalra Perceptual salience is insufficient for auditory streaming in eastern gray treefrogs
- 9:15** Fernanda Duque Evolution of high-frequency hearing in hummingbirds
- 9:30** Erin Brandt A baffling conundrum: why don't more cricket species use acoustic tools
- 9:45** Eric Gulson-Castillo Testing for magnetoreceptive behavior in birds without a putative magnetoreception protein
- 10:00** Carlos Rodriguez-Saltos Time perception in animal displays
- 10:15** **Coffee & tea break**
- 10:45** Kathleen Higgins Rapid expansion and specialization of a bitter taste receptor family in amphibians
- 11:00** Michael Hogan Sensory genomics and phenotypic evolution in snakes
- 11:15** Wei Lu Cell type differences underlying sex-limited eye diversification in *Heliconius* butterflies
- 11:30** Marco Gallio Temperature sensing in *Drosophila* flies: from molecular receptors and neural circuits to the evolution of behavior
- 11:45** Megan Freiler Differential expression of steroid-related genes across electrosensory brain regions in two sexually dimorphic species of electric knife fish
- 12:00** **Lunch**
- 12:30** **Poster Session 1**
- Afternoon session**
- 2:00** Brandi Pessman Adjusting to environmental noise: urban versus rural spiders respond to and adjust their webs differently in different vibratory noise environments

2:15	Verner Bingman	Whip spider olfactory-tactile multisensory integration does not generalize to the intramodal integration of two olfactory stimuli
2:30	Trevor Price	Introduction to the symposium
2:35	Jennifer Uehling	Stress eating? Causes and consequences of variation in foraging behavior in a challenging world.
3:05	Coffee & tea break	
3:35	Melissah Rowe	Animal mating in a microbial world
4:05	Steve Pruett-Jones	Thirty years in the Australian desert: Behavioral evolution of fairy-wrens.
5:00	Poster Session 2	

Nov 12

9:00	Nate Morehouse	Complex displays as evolved strategies for capturing and retaining receiver gaze
9:15	Carlay Teed	The diversity of cone-opponent circuits in non-primate vertebrates.
9:30	Cesar Bertinetti Cerrato	From phenotypes to behaviour: Performance consequences of differential opsin gene expression in cichlid fish
9:45	Marco Lopez	Taking the long way around: ecology from morphology in Chondrichthyan cranial lateral lines canals
10:00	Jackson Michaels	Kinematic imaging of salticid eyetubes with noisy xray video
10:15	Kristina Fialko	Evaluating light environment as a contributor to color variation in <i>Phylloscopus</i> warblers
10:30	Coffee & tea break	
11:00	Eileen Hebets	Exploring arachnid communication – Hidden signals, selection for complexity, and competition for signal space
12:00	Lunch	
	Museum tours	