

School of Biological Sciences Graduate Program
Faculty who are Recruiting Graduate Students for Fall 2019

Frederick Adler	Evolutionary ecology; mathematical epidemiology and immunology
William Anderegg	Ecosystems and climate change
Markus Babst	Protein trafficking and metabolism of eukaryotic cells
David Bowling	Ecosystem ecology, biogeochemistry
Sarah Bush	Evolutionary ecology of hosts and parasites; coevolution; parasite systematics; parasite biodiversity
Sophie Caron	Form and Function of Brain Centers; Multisensory Integration; Learning and Memory; Sensory representation in the <i>Drosophila</i> brain
Dean Castillo	Evolutionary genetics of reproductive biology; behavioral mechanisms of mate choice
Richard Clark	Transmission and quantitative genetics; genome--wide association studies; functional genomics in plant and animal systems
Dale Clayton	Host-parasite coevolution; systematics of birds and ectoparasites
Colleen Farmer	Comparative physiology; physiological ecology; evolutionary physiology
Donald Feener	Social insect behavior, ecology, and evolution; host-parasite interactions; community ecology
James Gagnon	Vertebrate lineage and cell fate choice, cell signaling, genome engineering
Kent Golic	Chromosome organization and function in <i>Drosophila melanogaster</i>
Julie Hollien	Stress pathways, endoplasmic reticulum function, RNA localization and decay
Martin Horvath	Structure determination and molecular physiology of telomere DNA---protein complexes and NMDA neuroreceptor---neurotoxin complexes
Kelly Hughes	Bacterial flagellum biogenesis; gene regulation of complex; biological process in bacteria; microbial type III protein secretion
Erik Jorgensen	Mechanisms of synaptic function
John T. (Jack) Longino	Taxonomy and Ecology

Baldomero Olivera	Conotoxins; ion channels; neurobiology; molecular biodiversity
John S. (Sandy) Parkinson	Molecular biology and genetics of signal transduction
Diane Pataki	Urban Ecology, Ecohydrology, and Land-Atmosphere interactions
Nitin Phadnis	Genetic conflict; Molecular basis of speciation
Ofer Rog	Synaptonemal complex, chromosome biology, meiosis, microscopy
Saveez Saffarian	Virus budding and replication; High resolution imaging, molecular mechanism of HIV maturation
Cagan Sekercioglu	Conservation biology, ecosystem functions, global change, landscape ecology, movement ecology, ornithology, tropical biology, vertebrate ecology
Michael Shapiro	Vertebrate genetics, genomics, development, and evolution
Leslie Sieburth	RNA decay; P-bodies; root-shoot signaling; leaf development in Arabidopsis
Neil Vickers	Neuroethology of olfaction and odor-mediated behavior
Ayako Yamaguchi	Neuroethology of vocal communication in frogs and bird

Saveez Saffarian

HIV budding and maturation; Dynamics of RNA dependent RNA polymerases during replication of negative strand RNA viruses

Not taking students

Michael Bastiani

David Blair

Billy Brazelton

Dave Carrier

Lissy Coley

Colin Dale

Denise Dearing

Bryn Dentinger

Gary Drews

Franz Goller

Michael McIntosh

Nalini Nadkarni

Wayne Potts

Jon Seger

John Sperry

Waiting for input and will add them once confirmed:

Lynn Bohs

Jim Ehleringer

Colleen Farmer

Gary Rose

Saffarian

Vershinin

