

School of Biological Sciences Graduate Program
Faculty who are Recruiting Graduate Students for Fall 2022

Frederick Adler	Evolutionary ecology; mathematical epidemiology and immunology
Markus Babst	Protein trafficking and metabolism of eukaryotic cells
David Bowling	Ecosystem ecology, biogeochemistry
Sophie Caron	Form and Function of Brain Centers; Multisensory Integration; Learning and Memory; Sensory representation in the <i>Drosophila</i> brain
Dale Clayton	Host-parasite coevolution and experimental evolution; Field ecology and conservation; Birds and ectoparasites.
Colin Dale	Microbiology and molecular evolution; Insects and endosymbionts
Denise Dearing	Coevolutionary biology; Ecology & conservation biology; Ecosystem science; Genetics & genomics; Microbial biology; Physiology & functional morphology
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
Talia Karasov	Coevolutionary biology; Evolution & biodiversity; Genetics & genomics; Microbial Biology and plant biology
Baldomero Olivera	Conotoxins; Ion channels; Neurobiology; Molecular biodiversity
Nitin Phadnis	Genetic conflict; Molecular basis of speciation
Ofer Rog	Synaptonemal complex, chromosome biology, meiosis, microscopy
Gary Rose	Neuroethology of audition and electroreception
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
Michael Werner	Behavior & neurobiology; Biochemistry & structural biology; Cell biology; Developmental biology; Evolution & biodiversity; Genetics & genomics; Physiology & functional morphology
Ayako Yamaguchi	Neuroethology of vocal communication in frogs and bird

For further information on these faculty, please visit <https://www.biology.utah.edu/faculty>.