

School of Biological Sciences Graduate Program
Faculty who are Recruiting Graduate Students for Fall 2021

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
Dale Clayton	Host-parasite coevolution; systematics of birds and ectoparasites
Colin Dale	Microbiology and molecular evolution; insects and endosymbionts
James Gagnon	Vertebrate lineage and cell fate choice, cell signaling, genome engineering
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	Host-pathogen evolution, microbial genetics, plant evolutionary genetics
Baldomero Olivera	Conotoxins; ion channels; neurobiology; molecular biodiversity
Nitin Phadnis	Genetic conflict; Molecular basis of speciation
Ofer Rog	Synaptonemal complex, chromosome biology, meiosis, microscopy
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	Epigenetic mechanisms of phenotypic plasticity
Ayako Yamaguchi	Neuroethology of vocal communication in frogs and bird