



QUANTITATIVE AND SYSTEMS BIOLOGY COLLOQUIUM: Understanding the speciation process through phenotypes, genotypes, and behavior



Stephanie Aguillon
Stanford University

About the Speaker:

Stephanie Aguillon is a broadly trained evolutionary biologist interested in understanding the process of speciation in nature. Stephanie received her BS and MS from the University of Arizona, her PhD from Cornell University, and is currently an independent Stanford Science Fellow. She will be starting her lab at UCLA in summer 2024.

Abstract:

Stephanie's research integrates genomic sequencing with behavioral ecology and organismal biology to unravel the mechanisms involved in the evolution of reproductive isolation. In particular, she leverages natural hybridization- interbreeding between distinct taxa- in birds and fish to study mating decisions in action. Stephanie will discuss her work in northern flickers focused on the evolution of color differences and her work in swordtail fish focused on the genomic consequences of female mate choice decisions.

Date:
1/19/2024

Time:
12:30 – 1:45 PM

Location:
GRAN 135



For more information, contact: Sonia Vargas
svargas28@ucmerced.edu or Sam Fellows
sfellows@ucmerced.edu