

Department of Biology | Seminar Series



Robin Hopkins, PhD

Professor of Organismic and Evolutionary Biology
at Harvard University

Evolution of Mate Choice in Plants

My research program incorporates findings from ecological research in the field, quantitative genetics research in the greenhouse, molecular genetics research in the laboratory, population genetic modeling, and computational genomics to understand how the forces of selection, mutation, and gene flow interact during the evolution of mate choice in plants. I will present two case studies of our work investigating the genetic and ecological mechanisms underlying the evolution of plant-pollinator mate choice and pollen-pistil mate choice. My research centers on the Phlox wildflower system, for which I have integrated cutting edge tools for genetic and genomic studies with abundant knowledge of natural history and ecology for field-based organismal studies.

🕒 Friday, Oct 17, 2025 • 12pm • Gilmer 390

Hosted by: Laura Galloway, PhD

