



Speaker:

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Evolution, Ecology, & Organismal Biology
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Date: Monday, October 09, 2023

Time: 4:00 pm - 4:50 pm

Format: In-Person Seminar & Virtual Access

Location: Genomics Auditorium 1102A

Zoom: 938 1040 4405

Passcode: 833289

Title:

“Impacts of resource and pesticide stressors on wild bees”

Abstract:

Anthropogenic environmental changes present multiple stressors that together impact biodiversity and ecosystem function. Among these, pesticide exposure and the loss of flowering plants are ubiquitous across contemporary landscapes and threaten the persistence of bee populations. In this talk, I will explore the individual and combined effects of pesticide and floral resource stressors on bee behavior, reproduction, and population persistence, as well as a potential strategy for mitigating these impacts. I used a combination of manipulative field cage experiments and landscape studies to examine these stressors and their impacts at different scales.

Refreshments will be served in the Entomology Building Courtyard at 3:30pm