



RIVERSIDE

DEPARTMENT OF ENTOMOLOGY
ENTM250 Seminar Series



Speaker:

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Environmental Science
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Date: Monday, November 24, 2025
Time: 4:00 pm - 4:50 pm
Format: In-Person Seminar & Virtual Access
Location: Genomics Auditorium 1102A

Zoom: 943 6687 2379
Passcode: 453393

Title:

“The Functional Role of Dung Beetles in Sub-tropical grasslands and Tropical forests”

Abstract:

Dung beetles (Scarabaeinae) occupy a pivotal niche, yet their significance in ecosystem functioning often remains unappreciated. As our climate continues to rapidly change and more complex human-environment interactions emerge, it has become even more important to understand how important, but vulnerable insect groups shape the processes that maintain the structure and function of ecosystems. In this talk, I will explore how dung beetles drive essential functions including dung removal, nutrient cycling, and seed dispersal in both subtropical grasslands and tropical forests. Having established their ecological roles, I will then discuss how these functions can be quantified economically to demonstrate their value to stakeholders such as ranchers, land managers, and policymakers in US agroecosystems.

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