

Student Seminar Day
22 September 2025
Genomics Auditorium

8:30-8:55 Continental Breakfast and Coffee (Genomics Lobby)

8:55-9:05 Welcome Remarks – Dr. Christiane Weirauch, Chair and Amy Murillo, ISAC Chair

Melissa Thayer, Master of Ceremonies

MORNING ORAL PRESENTATIONS
SESSION I (9:05 – 10:20)

9:05 Teddy Adams- *Oxycarenus hyalinipennis*: Newly described cotton seed bug predators

9:20 Chris Allen- Californian Honey Bees in a Global Genomic Context

9:35 Alejandra Rocha- Tracking down the enemy: Distribution and parasitoid associations of an emerging avocado pest (Lepidoptera: Gracillariidae: *Caloptilia*)

9:50 Rattanan Chungswat - The Development of a Lethal Harborage: A Low-Impact Management Tool for German Cockroach (Blattodea: Ectobiidae)

10:05 M.C. Fox- Phylogenomics and Natural History of Select Orthotylinae

10:20-10:30 Break

MORNING ORAL PRESENTATIONS
SESSION II (10:30 – 11:45)

10:30 Jenni Garcia Quiceno- The rhythm of biological control: Green Lacewings in Citrus Pest Management

10:45 Bethany Johnson- Cotton Seed Bug development on damaged seeds

11:00 Leon Kataw- Does Northern Fowl Mite Infestation Influence the Skin Microbiome of Laying Hens?

11:15 Jun-Yin Lum- Resistance profiling of German cockroaches across the continental U.S.

11:30 Nagham Melhem- Determination of Ecdysteroidogenic Tissues in *Aedes aegypti* Larvae

11:45-12:00 Break & Group Photo (Entomology Courtyard)

12:00-1:00 PM Lunch (Entomology Courtyard)

Poster Presentations
Genomics Breezeway

POSTER SESSION I (1:00-1:40)

Raquel Amrhein-Cervantes- Varietal Susceptibility and Parasitoid Identification of an Emerging Avocado Pest

Molly Barber- Insect Communities Associated with Coastal Sage Scrub Mallows

Ashley Bui- Diversity of plant host associations of an introduced Fire Ant parasitoid (*Orasema minutissima*) (Eucharitidae:Chalcidoidea)

Tzu-Chia Chen- Description of a new species of subterranean termite in the genus *Reticulitermes* (Blattodea: Heterotermitidae) from Southern California

Liam Grooms- Worker Emergence Rates in Early Bumble Bees Colonies

Blanca Guillén- Diploid Male Frequencies in Bumble Bees of Anchorage, Alaska

Jacqueline Holquinn- Three's a Crowd: The Burden of Multi-Parasite Infections in Laying Hens

Daniella Lu- Trends Within The Urban Flowering Plant Microbiome in Response to Temporal Variations

Poster Change out 1:40-1:45

POSTER SESSION II (1:45-2:30)

Blanca Peto - Regional Variation in Body Size of *Bombus vosnesenskii* Across California Landscapes

Joshua Reger- Host Crop's Impacts on *Amyelois transitella* (Lepidoptera: Pyralidae) Nutrition and Dispersal

Yadira Romero Diaz- Comparative Analysis of Bumble Bee Body Size in Alaskan Habitats

Sarah Schroeder- A phylogenetic framework for Phylinae (Hemiptera: Miridae)

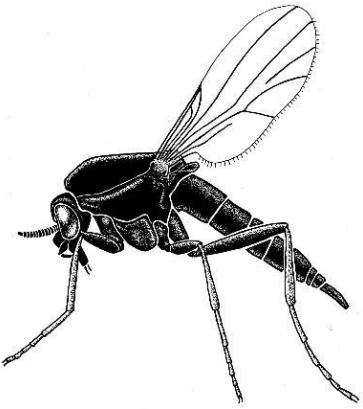
Emily Ta- Behavioral Response of the German cockroach towards insecticidal gel baits (Blattodea: Ectobiidae)

Mona Tran- Analyzing *Bactericera cockerelli*'s sweet tooth: the role of gustatory receptor 1 (GR1) in sugar sensing behavior

Veronica Tyts- Untangling the evolution of the largest subfamily of plant bugs Mirinae (Hemiptera: Miridae)

Sakshi Watts- Unlocking Hive Communication: Exploring Acoustic Signals in Honey Bee Colonies

2:30-2:40 Break



Leon Kataw, Master of Ceremonies

AFTERNOON ORAL PRESENTATIONS
SESSION III (2:40 – 3:40)

- 2:40 Meghan Moore**- Males support early nest development in bumble bees
- 2:55 Jorge Mora**- Environmental Drivers of Plant–Pollinator Microbiomes
- 3:10 Mellisa Musekwa**- Liquid, Composted or Dry-stacked? Unravelling the effects of manure treatment on pests in organic field crops
- 3:25 Thomas Nonacs**- Exploring hybridization and introgression along a sharp climate gradient in Formica ants

3:40-3:50 Break

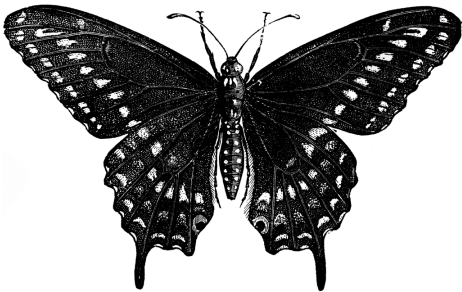
AFTERNOON ORAL PRESENTATIONS
SESSION IV (3:50 – 4:45)

- 3:50 Sushmita Arumugam Amogh**- Hypergravity Exposure Disrupts Geotaxis and Activity in *Drosophila melanogaster*
- 4:05 Joelene Tamm**- First occurrence of *Balcha indica* (Mani & Kaul, 1973) (Hymenoptera: Eupelmidae), parasitizing *Agrilus auroguttatus* Schaeffer, 1905 (Coleoptera: Buprestidae), in California
- 4:15 Melissa Thayer**- Honing in on an invasive fig pest: Developing targeted monitoring for the black fig fly, *Silba adipata*
- 4:30 Ben van Raalte**- Updating the Pest Management Strategic Plan for Melon Production in the US Southwest

5:00-7:00 Dinner Reception (UCR Botanic Gardens)

Welcome
New Entomology Graduate Students:

Teddy	Adams	Dr. M Hoddle
Joseph	Akologo	Dr. K Chandrasegaran
Winnifred	Aool	Dr. I Park
Melissa	Arellano	Dr. S Woodard
Kristi	Gladem	Dr. I Park
Bethany	Johnson	Dr. M Hoddle
Wenbo	Li	Dr. D-H Choe
Jina	Malone	Dr. B Baer
Bhawana	Regmi	Dr. E Rowen
Jordan	Reyes	Dr. K Chandrasegaran
Helen	Vo	Dr. Q McFrederick
Tallisker	Weiss	Dr. Q McFrederick



32nd Annual
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