

Student Seminar Day 20 September 2023 Genomics Auditorium

8:30-9:15 Continental Breakfast and Coffee (Genomics Lobby)

9:15 Welcome Remarks – Dr. Rick Redak, Chair and Joshua Reger, Master of Ceremonies

MORNING ORAL PRESENTATIONS SESSION I

9:30 Genesis Chong (Baer)- Living with the Enemy: Parasite Tolerance in Survival Honeybees

9:45 Jun Yin Lum (Lee)- Biological fitness costs associated with insecticide resistance in the German cockroach (Blattodea: Ectobiidae)

10:00-10:15 Break

10:15 Benjamin Nyman (Anderson)- Exploring the role of environmental factors in the competition between invasive *Aedes* mosquitoes

10:30 Rattanan Chungswat (Lee)- Investigation on Insecticide Resistance Towards Over-the-Counter Insecticides in the German Cockroach, *Blattella germanica* (L.)

10:45-11:00 Break

MORNING ORAL PRESENTATIONS SESSION II

11:00 Lyna Ngor (McFrederick)- Impacts of Wastewater Effluent on Soils, Flowers, and Bees Microbial Communities.

11:15 Benjamin van Raalte (Mauck)- A Low-Cost Egg Staining Method for Improved Phenotyping of Whitefly Resistance in Crop Plants

11:30 Magda Argueta (McFrederick)- Microbial diversity in bee brood cells

11:30-11:45 Break

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

12:00-13:00 Lunch (Entomology Courtyard)

Poster Presentations Genomics Breezeway

POSTER SESSION I 13:00-14:00

Christopher Allen (Rankin)- Some Like It Hot! Sex, Sperm, & Survival of Honey Bees in Changing Climates

Savana Becerra (Mauck)- Evaluating the field efficacy of plant defense elicitors for the management of insect-transmitted melon viruses

Ashley Bui (Heraty)- Investigating the geographic origins of the *Wasmannia* parasitoid *Orasema minutissima* (Chalcidoidea: Eucharitidae: Oraseminae) on Hawai'i

Hannah Chu (Murillo) - Thermal limits of two blow fly (Diptera: Calliphoridae) species from the Sonoran Desert

Lakshmi Paloma Dadlani Khilnani (Hoddle)- Talk: Avocado Lace Bug Biology, Genetic Structure and Population Phenology

Jessica Webb (Baer)- Nosema? Not anymore! Field trials for a novel medication against a honey bee gut parasite



POSTER SESSION II 14:30-15:30

Meghan Moore (Carde)- Male incubation in bumble bees and its effect on early-nest development

Tobias Moyneur (Choe)

Blanca Guillen (Woodard)- Mating Effects on Pre-overwintering Bumble Bee Queens

Blanca Peto (Woodard)- Varying Reproductive Rates in Queen *Bombus impatiens*: A Reevaluation of Reproduction and Behavior in Early-Stage Nests

Joshua Reger (Wilson)- Comparison of black light and pheromone baited traps to attract navel orangeworm in mature pistachio orchards

Sakshi Watts (Baer)- The perfect honeybee? Colony performance of managed and survivor honeybees

15:30-16:00 Break

AFTERNOON ORAL PRESENTATIONS SESSION III

16:00 Sarah Schroeder (Weirauch) - Systematics of Australian sheoak-associated plant bugs (Hemiptera: Miridae: Phyllinae): Convergent color patterns for disguise

16:15 Nagham Melhem (Yamanaka) - Functional Characterization of Hormone Transporters in the Yellow Fever Mosquito *Aedes aegypti*

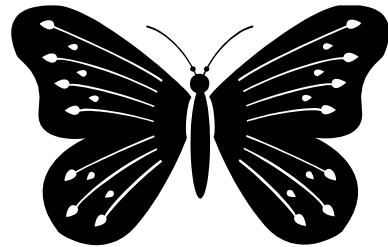
16:30 Laura Harmon (Gerry)- Survey of Culicoides species in the western United States

16:45-17:00 Break

17:00-19:00 Dinner Reception (Entomology Courtyard)

**Welcome
New Entomology Graduate Students:**

Tzu-Chia	Chen	Lee Lab
Jacqueline	Holquinn	Murillo Lab
Soon	Kwon	Hoddle Lab
Yadira	Romero Diaz	Woodard Lab
Emily	Ta	Lee Lab
Mona	Tran	Mauck Lab
Veronica	Tyts	Weirauch Lab
Sydney	Wilson	Gerry Lab
Molly	Barber	Rankin Lab



**30th Annual
Student Seminar Day
20 September 2023**

Genomics Auditorium