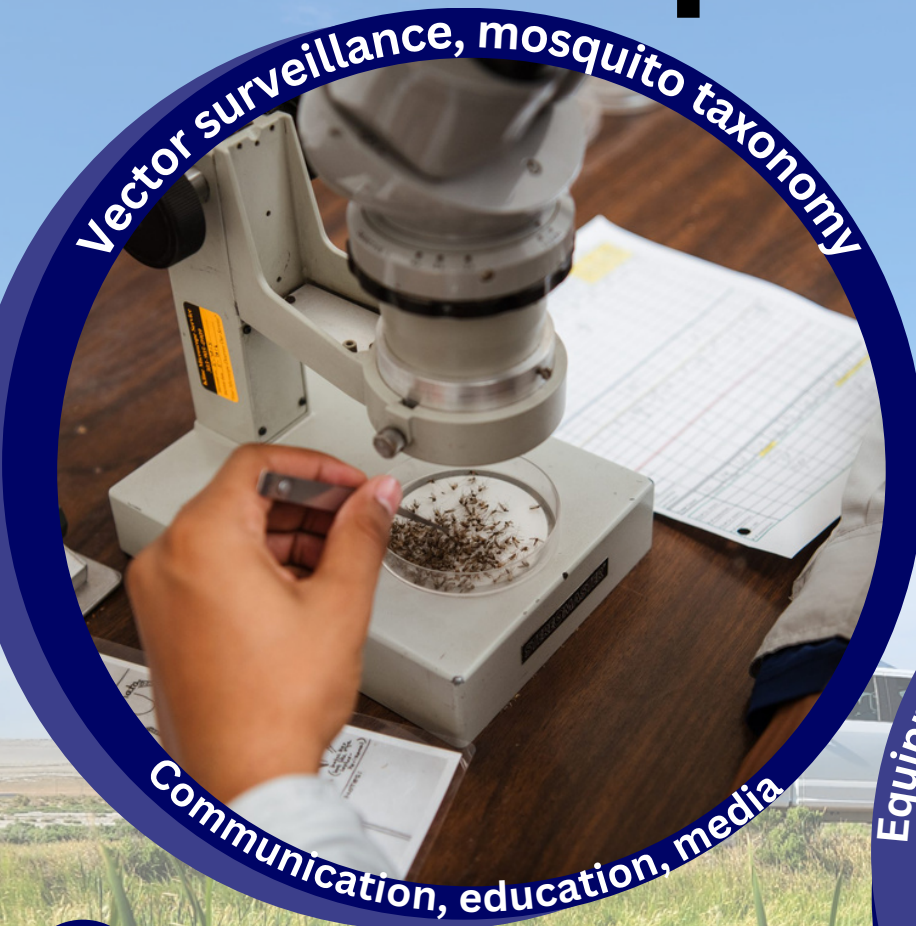


# RaHP VEC Spring Workshop



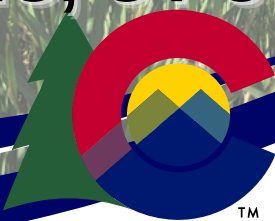
**8-9 MAY 2024**

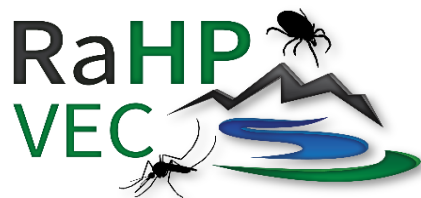
Wednesday May 8:  
General Session  
Thursday May 9:  
Breakout sessions



**SLCMAD**  
**2215 N 2200 W**  
**SLC, UT 84116**

[www.rahpvec.us](http://www.rahpvec.us)





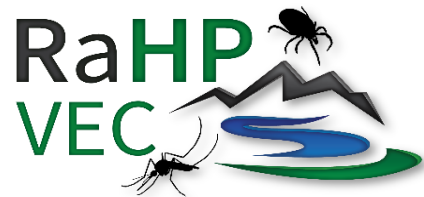
# Rahp Vec / SLCMAD Workshop (First Day) 8 May 2024



Time	Topic	Learning Outcomes	Speaker	Set?	Comments
8:00 to 8:15	Introduction	Overview of workshop; overview of SLCMAD; housekeeping.	Ary Faraji	Yes	Sign up sheets for next day; tour at end of day or throughout
8:15 to 8:30	Rahp Vec	Overview of Rahp Vec. Survey results?	Tim Burton	Yes	
8:30 to 9:15	Mosquito Biology	Overview of mosquito biology, ecology, primary species of regional concern, mosquito taxonomy.	Chris Bibbs	Yes	
9:15 to 10:00	Tick Biology (Triatomes?)	Overview of tick biology, primary species of regional concern, tick taxonomy.	Hannah Rettler Kacy Nowak Liz H-Schroeder	Yes	Tick surveillance/testing. Kissing bugs and chagas disease? Tick pathogen testing methods. Liz's current projects?
<b>Break 10:00 to 10:15</b>					
10:15 to 10:50	Arbrovirology	Overview of major regional diseases of concern (WNV, SLE, WEE, CVV). Review pathogen testing methods (cell culture, PCR, RAMP, VecTest, LAMP/Co Diagnostics).	Nate Byers	Yes	Concentrate on WNV ecology/epidemiology.
10:50 to 11:25	IMM & Mosquito Surveillance/Control	Overview what a good MCP should do as part of an IMM. Larval/Adult sampling. Surveillance techniques/traps. GIS/Vector Surv. Larval/adult control methods (AI, rates, formulations, products).	Greg White	Yes	Detailed follow ups on each topic during the breakouts.
11:25 to 12:10	Insecticide Resistance	Overview of IR, mechanisms, importance of IR monitoring, testing methods.	Casey Crockett Michael Bollinger Karla S-Rodriguez?	Yes	Casey from Azelis Michael from PacVec Karla from Rahp Vec

Lunch 12:10 to 1:15					
1:15 to 2:00	Pathogen Thresholds	Vector Index, MFIR, MLE. When to intervene.	Brian Foy	Yes	
2:00 to 2:45	Vector Surv	Overview of VectorSurv, importance of GIS/data bases.	Greg White	Yes	PacVec representative
2:45 to 3:15	Mosquito Outreach/Education	Importance of PR; topics of public concern. New CDC outreach tools.	Michele Rehbein	Yes	
3:15 to 3:30	GROUP DISCUSSION	What does the community need? logistic/funding/admin details	Ary Faraji Brian Foy Tim Burton	Yes	Allow travel time for local attendees.
3:30 on	Facility Tour for those interested!				





# Rahp Vec / SLCMAD Workshop (Second Day) 9 May 2024



Time	Session A	Session B	Session C	Session D	Session E
8:00 to 10:00	Larval Sampling/Equipment (In field) Brad, Jason, Quinten	Insecticide Resistance Assays (Morning Session) (In laboratory) Michael Bollinger Casey Crockett Karla Saavedra-Rodriguez	Mosquito Taxonomy (Larval/Adult) (In laboratory) Chris Bibbs Liz Hart	VectorSurv (VI/MFIR/MLE/Age grade) (In office) Greg White Brian Foy PacVec Rep	Pathogen Testing (PCR/CoDiagnostics) Nate Byers Ryan Lusty
10:00 to 11:00				VectorSurv (VI/MFIR/MLE/Age grade) (In office) Greg White Brian Foy PacVec Rep	
11:00 to 12:00				VectorSurv (VI/MFIR/MLE/Age grade) (In office) Greg White Brian Foy PacVec Rep	
Lunch 12:00 to 1:00					
1:00 to 2:00	Adult Sampling (Traps/sorting) (In field) Brad, Jason, Quinten Liz Hart	Insecticide Resistance Analysis (Afternoon Session) (In Laboratory) Michael Bollinger Casey Crockett Karla Saavedra-Rodriguez	Mosquito Taxonomy (Larval/Adult) (In laboratory) Chris Bibbs Liz Hart	Pesticide Science (AI's; mode of action; selection) Andrew Rivera, Haley Johnson, Casey Crockett	Pathogen Testing (PCR/CoDiagnostics) Nate Byers Ryan Lusty
2:00 to 3:30				Equipment Calibration (Application rate determination) Ryan Arkoudas, Joe Camacho	



## UMAA Spring Workshop Program 2024

Friday, May 10th- SLCMAD office

Session: **Morning**

Moderator: Greg White

Time	Presentation Title	Presenter	Organization
8:00 AM	Meet and greet- (sweet rolls)	committee	UMAA
8:15 AM	Welcome to the Spring Workshop	Keith Hill	UMAA President
8:20 AM	Introduction of Program and Speakers	Greg White	Workshop Chair
8:30 AM	100 Years of Controlling Mosquitoes in UT	Michele Rehbein	SLCMAD
9:00 AM	Diseases Spread by Mosquitoes	Nate Byers	SLCMAD
9:30 AM	Finding Mosquito Larvae and Other Critters in the Water	Scott Bradshaw	TVMAD
9:50 AM	Break		
10:10 AM	How Pesticides Work	Various	Vendors
11:10 AM	Pesticide Labels and Laws	Dan McBride	SSLVMAD
12:00 PM -1:00 PM	Lunch Break- BBQ	committee	Red Beard BBQ
1:00 PM	Equipment Stations	Various	SLC MAD
	<b>NEW STAFF</b>		
2:00 PM	Mosquito Biology	Chris Bibbs	SLCMAD
2:40 PM	Mosquito Trivia and FAQ's	Gary Hatch	MAD-D
	<b>EXPERIANCED STAFF</b>		
2:00 PM	Research Updates in Mosquito Control	Ary Faraji	SLCMAD
2:40 PM	3D Printers in Mosquito Control	Greg White	SLCMAD