

CURRICULUM VITAE

Jaimie Kenney

CONTACT INFORMATION

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EDUCATION

University of California, Riverside	July 2018-Present
Department of Entomology	
Ph.D. Candidate	
Research focus: Diversity & biology of psyllids & associated plant pathogens in natural plant communities	
Eastern Washington University	
B.S. Biology, Minors in Chemistry and Environmental Science	June 2018
B.A. Spanish, Minor in German, Magna cum laude	June 2012

UNDERGRADUATE RESEARCH EXPERIENCE

Cornell University	
Plant Pathology/Plant-Microbe Biology Summer Research Scholar	May-July 2017
Advisor: Dr. Marc Fuchs	
Research Focus: Role of a single amino acid of grapevine fanleaf virus in symptom expression	
Eastern Washington University	
Disease Ecology Senior Capstone Research	April-November 2017
Advisors: Dr. Suzanne Schwab & Dr. Krisztian Magori	
Research Focus: Diversity of fungal needle endophytes of <i>Pinus ponderosa</i>	
Plant Ecology Research Assistant	July-August 2016
Advisor: Dr. Rebecca Brown	
Research Focus: Effects of dam removal on plant communities on the Elwha River, Washington	
Ecotoxicology Research Assistant	April-October 2016
Advisor: Dr. Joanna Joyner-Matos	
Research Focus: Effects of heavy metal contamination on <i>Hyalella azteca</i> in the Chain Lakes of Idaho	

TEACHING & MENTORING

University of California, Riverside	
Undergraduate Honors Research Project Mentor	February 2023-present
USPARC Undergraduate Research Project Mentor	June 2022-present
Undergraduate Honors Research Project Mentor	April 2021-June 2022
Martin Luther King High School Science Fair Research Project Mentor	July 2019-March 2020
Department of Entomology Teaching Assistant	
ENTM 010 - Natural History of Insects (for non-STEM majors)	Spring & Fall 2020
5 discussion sections (~30 students each)/quarter	
ENTM 127 - Insect Ecology	Winter 2022 & 2023
3 discussion sections(~30 students each) & one guest lecture/quarter	

Jaimie Kenney

University Teaching Certificate Program Graduate Fall 2022-Winter 2023
Graduate-level seminar (GDIV 301) & practicum (GDIV 302) in university-level pedagogy

Eastern Washington University

Department of Chemistry, Tutor	2017-2018
Department of Biology, Teaching Assistant BIOL 172 - one laboratory section (~30 students)	Fall 2016
Program Leading to University Success, Study Group Facilitator <i>German & General Chemistry</i>	2016
English Language Institute, International Peer Advisor	2012
Academic Success Center, German & Spanish Tutor	2011-2012

Escuela Oficial de Idiomas, Navalmoral de la Mata, Spain

North American Language and Culture Ambassadors Program Assistant English Teacher	2012 -2013
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PUBLICATIONS

Byrd, D, Tran, M, **Kenney, J**, Wilson Rankin, E., Mauck, K. The aphid, *Myzus persicae*, acquires chloroplast DNA during feeding on host plants. Submitted to *Environmental Entomology*, May 2023.

Shates, T, Gebiola, M, Helo, A, Aung, O, **Kenney, J**, Malmstrom, C, Mauck, L Introduced, crop-associated viruses negatively affect native perennial hosts and are prevalent in preserved plant communities. Submitted to *Phytobiomes* May 2023; in review.

Higbee, C, McPeck, R, Clinkenbeard, J, Davies, G, **Kenney, J**, Shultz, A, Nezat, C, Joyner-Matos, J. Amphipods (*Hyaella azteca*) could serve as a sentinel for metal contamination in recreationally-important lakes in Idaho (USA). Submitted to *Environmental Toxicology and Chemistry* September 2022; in review.

Antolinez, CA, Youngblood, R, **Kenney, J**, Mauck, K, Rivera, MJ. Flight performance of the potato psyllid (*Bactericera cockerelli*) is negatively affected by 'Candidatus *Liberibacter solanacearum*' infection. *Journal of Insect Behavior* 36, 59–67 (2023).

Kenney, J, Grandmont, M-E, Mauck, KE. Priming melon defenses with acibenzolar-S-methyl attenuates infections by phylogenetically distinct viruses and diminishes vector preferences for infected hosts. *Viruses* 12, 257 (2020). <https://doi.org/10.3390/v12030257>

Osterbaan, LJ, Choi, J, **Kenney, J**, Flasco, M, Vigne, E, Schmitt-Keichinger, C, Rebelo, AR, Cilia, M, and Fuchs, M. The identity of a single residue of the RNA-dependent RNA polymerase of *Grapevine fanleaf virus* modulates vein clearing symptoms in *Nicotiana benthamiana*. *Molecular Plant-Microbe Interactions*, 32, 790–801 (2019). <https://doi.org/10.1094/MPMI-12-18-0337-R>

Mauck, KE, **Kenney, J**, and Chesnais, Q. Progress and challenges in identifying molecular mechanisms underlying host and vector manipulation by plant viruses. *Current Opinion in Insect Science*, 33, 7-18 (2019). <https://doi.org/10.1016/j.cois.2019.01.001>

POSTERS & PRESENTATIONS

Kenney, J, Gebiola, M, and Mauck, KE. A preliminary look at the population structure of *Bactericera cockerelli* on crop vs. native host plants in California. Oral presentation delivered at the Annual Meeting of the Pacific Branch of the Entomological Society of America, Apr. 2023.

Kenney, J, and Mauck, K. Thinking outside the crop: what have we learned by studying psyllids and CLso in native nightshades? Invited oral presentation delivered at the Entomological Society of America Annual Meeting, Nov. 2022.

Kenney, J, and Mauck, K. Uncovering the hidden world of psyllids and *Ca. Liberibacter solanacearum* in California's native nightshades. Oral presentation delivered at the International Congress of Entomology, Helsinki, Finland, Jul. 2022.

Kenney, J, and Mauck, KE. Transmission & persistence of *Ca. Liberibacter solanacearum* in bluewitch nightshade, native perennial host of the potato psyllid vector in southern California. Oral presentation delivered at the Annual Meeting of the Pacific Branch of the Entomological Society of America, Apr. 2022.

Kenney, J, and Mauck, KE. Monitoring potato psyllid visitation and persistence of Candidatus *Liberibacter solanacearum* infections in native, perennial nightshades . Oral presentation delivered at the Entomological Society of America Annual Meeting, Nov. 2021.

Kenney, J, Gebiola, M, and Mauck, KE. Uncovering the hidden world of psyllids and associated microbes in California's native nightshades. Oral presentation delivered at the Entomological Society of America Annual Meeting, Nov. 2020 (*virtual*).

Kenney, J, Wright, IM, Grandmont, ME, and Mauck, KE. A plant defense elicitor has virus-specific effects on vector attraction to host plants. Oral presentation delivered at the Entomological Society of America Annual Meeting, Nov. 2019.

Kenney, J, Wright, IM, Grandmont, ME, and Mauck, KE. A plant defense elicitor disrupts transmission-enhancing vector behavior. Poster presented at the Annual Meeting of the Pacific Branch of the Entomological Society of America, Apr. 2019.

Kenney, J, R Hamby, and L Severance. Diversity of fungal needle endophytes of ponderosa pine. Oral presentation delivered at the National Conference for Undergraduate Research, Apr. 2018.

Kenney, JR, LJ Osterbaan, MF Fuchs. Role of a single amino acid of grapevine fanleaf virus in symptom expression. Invited to present poster at the Murdock College Science Research Conference, Nov. 2017.

Kenney, J, R Hamby, L Severance, S Schwab, and K Magori. Diversity of fungal needle endophytes of *Pinus ponderosa*. Poster presented at the Ecological Society of America Annual Meeting, Aug. 2017.

FELLOWSHIPS, GRANTS & SCHOLARSHIPS

Joshua Tree National Park Graduate Student Research Award	February 2023
USDA-NIFA EWD Predoctoral Fellowship	January 2022
Box Springs Mountain Reserve Student Research Fellowship	January 2021
ShIPLEY-SKINNER RESERVE--RIVERSIDE COUNTY ENDOWMENT RESEARCH AWARD	June 2020
NSF Graduate Research Fellowship: Honorable Mention	April 2020
University of California Provost Research Fellowship Award	February 2018
Washington Native Plant Society Northeast Chapter Student Research Grant	April 2017
Eastern Washington University NSF S-STEM Scholarship	May 2016
Eastern Washington University Orland B. Killin Honors Scholarship	May 2008

AWARDS

Entomological Society of America Pacific Branch Meeting Student Competition for the President's Prize 2nd Place Student 10-Minute Paper Presentation	April 2022
U.C. Riverside Entomology Teaching Assistant of the Year Award	April 2021

Jaimie Kenney

Entomological Society of America Annual Meeting Student Competition for the President's Prize
2nd Place Student 10-Minute Paper Presentation November 2020

Entomological Society of America Annual Meeting Student Competition for the President's Prize
2nd Place Student 10-Minute Paper Presentation November 2019

EWU Outstanding Graduating Senior in Biology June 2018

EWU Program Leading to University Success Facilitator of the Month Award June 2016

SERVICE

USDA-NIFA AFRI Predoctoral Fellowship application workshop for UCR grad students May 2022
Co-organizer & panelist

UCR Entomology Graduate Student Association

Secretary 2019-2020

Website & Newsletter Committee Representative 2020-2021

Seminar & Special Lectures Committee Representative 2023-present

Pacific Branch of the Entomological Society of America

2019-2020

Co-organized Annual Meeting Student Career Fair (canceled due to COVID-19)

UCR Entomology Outreach (over 250 hours)

2018-present

Little Entomologists Summer Camp Counselor (3rd-5th grade students)

City of Riverside's 6th, 8th & 10th Annual Insect Fair: Chemical Ecology booth, presentations on 'Insect Damage' and 'Using iNaturalist.org to participate in community-based science'

'Touch-a-Bug' hands-on learning experiences at various community events and in K-12 classrooms

Washington Native Plant Society

May 2018

State Study Weekend Field Trip Leader

Cheney Middle School

After school STEM mentor

May 2017 & May 2018