

Research at Citrona Farms

- 2000 John Eadie, Professor, Ada Fowler, graduate student, Kirk Ehmsen, undergraduate, UCD Dept. Wildlife, Fish and Conservation Biology: Wild turkey ecology and genetics
- Jan Goerrissen, graduate student, UCD Dept. Wildlife, Fish and Conservation Biology: Ecology of Loggerhead Shrikes
- Juan Ochoa, graduate student, San Francisco State University Dept. Geography and Human Environmental Studies: Walnut field margins
- 2004 Will De Bello, Professor, Adrian Rodriguez-Contreras, graduate student, UCD Dept. of Neurobiology Physiology and Behavior: Neurological pathways of barn owls
- Scott Butterfield, graduate student, Michigan State University, Plant Biology Department: Remote sensing and other geospatial technologies in rangeland management and monitoring
- 2005 EarthScope, US Array/IRIS Consortium, U.S. Geological Survey: Seismic monitoring and mapping
- Agriculture Research Service, USDA, Burns OR: Native grassland exclusion study
- 2006 Truman Young, Professor, Marit Wilkerson, graduate student, UCD Dept. Plant Sciences: Forbs in Hedgerows
- 2007 Daniel Constable, Yolo County Resource Conservation District: Surface and subsurface flow of sediment, DOC and nitrogen, Willow slough watershed
- Lawrence Marais, Monterey Ag Resources: Organic herbicides in walnuts
- Louise Jackson, Professor, Annie Young-Mathews, graduate student, UCD Dept. Land, Air and Water Resources: Soil and vegetation in dry waterways in Yolo County
- Karen Klonsky, UC Cooperative Extension, Stephen Brush, Professor, UCD Dept. Human and Community Development: Adoption of biodiversity enhancing features on California farms
- Katharina Ullmann, Xerces Society: Native pollinators and hedgerows
- 2008 Valerie Eviner, Professor, UCD Dept. Plant Sciences: Restoration success factors
- Claire Kremen, Professor, Christina Locke, graduate student, Hillary Sardinas, graduate student, UC Berkeley Dept. Environmental Sciences, Policy and Management: Native and non-native pollinators and hedgerows
- 2009 Bruce Lampinen, Carolyn DeBuse, UCD Dept. Plant Sciences, and UC Cooperative Extension. Lightbar measurements and walnut yield in Chandler walnut orchards.

- 2011 Andrew Wrayburn, post doc, UCD Dept. Plant Sciences: Spatial methods in native grassland restoration
- Phillip Gully, Golden Gate Audubon Society: Bird diversity and checklist at Citrona Farms
- 2013 Rachael Long, UC Cooperative Extension: Hedgerow systems in walnuts
- Laurel Sellers, graduate student, UCD Dept. Environmental Science and Policy: Vertebrates in hedgerows in walnuts
- Sacha Heath, graduate student, UCD Dept. Environmental Science and Policy: Bird behavior and pest predation in hedgerows in walnuts
- Kate Ingram, graduate student, UCD Dept. Environmental Science and Policy: Bat pest predation in walnuts
- Kristina Wolf, graduate student, UCD Dept. Plant Sciences: Native and non-native grassland vertebrate ecology
- Luis Solari, Celeste Gilbert, Marrone Bio Innovations: Plant-based bioprotectant in walnuts
- 2014 Melissa O'Neal, Marrone Bio Innovations: Plant-based bioprotectant in walnuts
- Steve Seybold, USDA Forest Service, Katherine Pope, UC Cooperative Extension: Cork oak gall wasp/parasite ecosystem
- Jonathan N. Pruitt, Dept. of Ecology, Evolution and Marine Biology, UC Santa Barbara: Collection of black widow spiders in Yolo County.
- 2015 Sara Kross, postdoctoral fellow, Ryan Bourbour and Breanna Martinico, undergraduate students, UC Davis Dept. Wildlife, Fish and Conservation Biology, and the Nature Conservancy: Owl diet in orchard versus row crop habitats
- Kelly Garbach, Loyola University, and Rachael Long, UC Cooperative Extension: Weeds in hedgerow and non-hedgerow crop borders
- 2016 Misty D. Nelson, Trisha Velasquez, Arti Sharma, Alexis Clark, Zachary McDonald, Hannah Bishop-Moser, CA Dept. of Fish and Wildlife: Ecoregion Biodiversity Monitoring project
- Katherine Pope and Craig Schriefer, UC Cooperative Extension: Dynamic nutrient and tissue monitoring in walnuts
- 2017 Anna Davidson, Manager, Carbohydrate Observatory and Maciej Zwieniecki, Professor, UC Davis Dept. of Plant Sciences: Carbohydrate Metabolism in walnuts.
- S. Franz Bender and Eloi Parlade, UCD Dept. of Land, Air, and Water Resources, Soil Science and Microbial Ecology: Survey of soil biology in agricultural soils in northern California.

Chandrasekar Venkitasamy and Zhongli Pan, UCD Biological and Agricultural Engineering Department: Dynamics and mechanics of walnut dehydration.

Alex J. Webster, Peter M. Groffman, Mary L. Cadenasso, UCD Dept. of Plant Sciences: Controls on denitrification potential in nitrate-rich waterways and riparian zones of an irrigated agricultural setting.

2018 Jo Ann Baumgartner, Wild Farm Alliance: Birds as Pest Control Allies.

Katherine Uhl, graduate student, Katie Fyhrie, Lab Manager, and Alyson Mitchell, Professor, UC Davis Food Science and Technology: Harvesting Hedgerows: Assessing the potential of Elderberry as a CA specialty crop.

Emily Philips, Breanna Martinico, Ryan Bourbour, graduate students and Joshua Hull, Professor, UCD Dept. of Animal Sciences: UC Davis Barn Owl Project.

Yuzhu Zhang, Research Chemist, ARS, USDA Albany, CA: mRNA / protein sequencing in walnuts and walnut weevils.

Jessica Schlarbaum, graduate student, UCD Avian Science Dept.: Prey preferences and provisioning rates of American Kestrels (*Falco sparverius*) in the Central Valley.

2019 Alana Stein, PhD student and Catherine Brinkley, Professor, Community and Regional Development, UC Davis Dept. of Sociology: Yolo Food Bank Case Study.

Jessica Chiartas, graduate student, Louise Jackson, Professor, UCD Dept. of Land, Air, and Water Resources, and Rachel Long, UC Cooperative Extension: Deep impact of long-term hedgerow plantings on soil carbon and other metrics of soil health.

Chad W. Moura, graduate student, Wildlife, Humboldt State University: Camera traps to monitor carnivorous mammals in California's Central Valley.

Andreas Westphal, Dept. of Nematology, Kearney Agricultural Center, and Katherine Jarvis-Shean, UC Cooperative Extension: Post plant nematocide trials in Chandler walnuts.

Hillary Sardinas, post doc, Gordon Smith, post doc, Jamison Scholes, research tech, Lauren Ponisio, professor, UC Riverside: Foraging and native bee health, with special regard to *Osmia californica* (California mason bee), in hedgerow systems.

2020 Professors Ruihong Zhang and Zhongli Pan, UC Davis Dept. of Biological and Agricultural Engineering: Converting Almond and Walnut Hulls into Food and Health Products.

JoAnn Baumgartner, Sam Ernshaw, Wild Farm Alliance. Wendell Gilgert, Point Blue Conservation Science, Field Testing of Beneficial Bird Habitat Assessment Form.

Elias Marvinney. Project Scientist, Civil and Environmental Engineering, UCD, Brent Holtz. Farm Advisor UCANR, Amelie Gardin, Assoc. Professor. Dept. Plant Sciences, UCD. Digital Land Use Model for Whole Orchard Recycling.

2021 Esmeralda Mandujano, California AgrAbility Program, University of California, Davis. Brenda Freeman, Ph.D., LCPC, NCC, Professor and Extension Specialist, University of Nevada, Reno. WRASAP Farm Stress Survey.

Katie Uhl, graduate student, Alyson Mitchell, Professor, UC Davis Food Science and Technology: Seasonal Evaluation of Volatiles and Phenolic Compounds in Elderflowers.

2022 Rachel Long, Roger Baldwin, UC ANR Cooperative Extension: Impact of field edge habitat on mammalian wildlife abundance and distribution.

2023 Jet J. Tan, graduate student, and Nicholas Babin, Director, Cal Poly, San Luis Obispo, Dept. of Natural Resources & Environmental Sciences. Healthy Soils Program Improvement Project.

2024 Aidee Guzman, post doc, UC Irvine Dept. of Ecology & Evolutionary Biology. Rachel Long UC ANR Cooperative Extension. Soil distribution and types in hedgerows.

2025 Ranjita Bhandari, graduate student, and Ana Claudia Sant'Anna, assistant professor, Agribusiness and Ag finance. West Virginia University. Accessibility and participation in crop insurance study.

Mary Badger, Robyn Boothby, graduate students, Breanna Martinico, Ryan Barbour, faculty. UC ANR Cooperative Extension: The Raptor Nest Box Grower Alliance: Kestrel Box Installation and Monitoring Project.