

CURRICULUM VITAE - DAVID R. HAVILAND
Entomology and Pest Management Farm Advisor, UC Cooperative Extension, Kern Co.
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Background

- Education
 - 1997 B.S., Zoology- Brigham Young University
 - 2002 M.S. Plant Protection and Pest Management- University of California, Davis
- Experience
 - 1999-2002 - Research Assistant, Entomology Department, UC Davis
 - 2002-Present - Entomology Farm Advisor, University of California Coop. Extension, Kern Co.
 - 2002-Present - Affiliated IPM Advisor, UC Statewide Integrated Pest Management Program
 - 2010-2016- Adjunct Professor- Bakersfield College, Annual course in Integrated Pest Mgt.

Grants

- PI or Co-PI on 43 research projects from 2002 to 2020 valued at \$3.4 million to my program.
- Projects were funded by 19 organizations, including 13 different commodity boards representing California's almond, pistachio, grape, cherry, citrus, carrot, blueberry and nursery industries.

Extension

- Extension meetings organized- 85
- Invited Presentations- >800 to audiences greater than 45,000 people
 - Presentations in Spanish- 34 in California, Chile, Peru, Argentina and Mexico
 - International presentations- 29
- Publications- 425
 - Peer-reviewed books- 1
 - Peer-reviewed journal articles- 29
 - Peer-reviewed UC Ag. and Natural Resources Publications- 56
 - Popular press and other extension articles- 218
 - Abstracts or proceedings- 26
 - Technical reports- 90
- Media interviews- 238

Awards and Honors

- 2021 International IPM Achievement Award, 10th International IPM Symposium
- 2020 Entomological Society of America Integrated Pest Management Team Award
- 2020 Pacific Branch Entomological Society of America Team Work Award
- 2019 Association of IPM Ecologists Member of the Year
- 2019 California Department of Pesticide Regulation IPM Innovator Award
- 2019 Western Extension Director's Association Award of Excellence
- 2018 UC Division of Ag. and Natural Res. Distinguished Service Award for Outstanding Extension
- 2018 Pacific Branch ESA Distinguished Achievement Award for Extension
- 2011 IPM Innovator Award, California Department of Pesticide Regulation
- President- Association of Applied IPM Ecologists (2017-2018), President-Elect (2016)
- Invited to give keynote addresses at professional conferences in Oregon, Michigan, California, New Jersey, Switzerland, Brazil, Peru, Chile, Australia and Italy related to pest management
- Sabbatical Leave- La Serena, Chile, Instituto Nacional de Investigaciones Agropecuarias to help improve Chilean IPM programs for table grapes and apples (2011-2012)
- Member- 2020 Chlorpyrifos Alternatives Task Force, commissioned by direction of Governor Newsom through the CA Dept. of Pesticide Regulation and CA Dept. of Food and Agriculture.

Professional Activities

- Entomological Society of America, 2002-present
 - Chair PBESA Operations Committee (2008, 2009, 2013, 2018)
 - Chair PBESA Awards Selection Committee (2016, 2017)
 - Chair PBESA Registration Committee (2014, 2015)
 - Co-Chair Local Arrangements Committee- National ESA Meeting, Salt Lake City, 2005
 - Volunteer organizer or speaker in 11 submitted symposia at national or branch meetings
 - Career fair volunteer (3x) and student competition judge (>10 times)
- Association of Applied IPM Ecologists, 2009-present
 - Elected President (2017, 2018) and President-Elect (2016)
 - Appointed Chair of Roundtable Committee (2015-16)
 - Appointed Executive Board Member (2015-present)
- International Organization of Biological Control
 - Member- 2013 to present, gave 6 invited presentations at international conferences
- Editorial
 - Associate Editor for Pest Management- UC DANR Communication Services, 2010-present.
 - Primary responsibility is to oversee the peer review process for Pest Management Guidelines, Pest Notes, and other content at the UCIPM web site that averages ~16 million hits annually
 - Technical Editor, Citrus, Nut and Stone Fruit. Arthropod Management Tests, 2016-present
- Reviewer
 - Scientific Journal Manuscripts, including the Journal of Economic Entomology, Environmental Entomology, and Journal of IPM (>40 manuscripts)
 - USDA-NIFA- Applied Research. and Development Program and Methyl Bromide Transition Program (84 proposals)
 - Commodity Boards- scientific reviewer of proposals submitted to commodity boards representing California almond, table grape, winegrape, pistachio, carrot, alfalfa seed, and tomato growers
- University Service
 - Organizing Committees- Help organize multiple events annually, such as Statewide Pistachio Day, Pistachio Shortcourse, International Table Grape Symposium, Almond Shortcourse
 - Development of Critical Uses for Chlorpyrifos Project- served on the UC Almond Team
 - Kearney Res. and Ext. Center- Chair of member of Research Advisory Committee, 2014-2019
 - UC Statewide IPM Program- served on numerous committees since 2002. Key examples include the UC Statewide IPM Program Pest Management Guidelines Committee (2014-present) and the UC IPM Program Strategic Planning Committee (2014-15) that developed the current UCIPM Strategic Plan
- Service to Commodity Organizations
 - San Joaquin Valley Asian Citrus Psyllid/Huanglongbing Areawide Committee (2016-present)
 - California Cherry Self-Assessment Workbook Committee (2015-2016)
 - Research Advisory Committee to the California Table Grape Commission (2015)
- Community Service
 - Children- Farm Day in the City, Provide educational booth annually since 2010 (>3,000 kids/yr), and Girl Scouts of America STEM Outreach Day (2017)
 - Adults- Provide educational booths at Kern Almond Festival (2014, 2015); Windwolves Preserve Nature Fest (2018-present), and multiple local organizations annually
 - Master Gardeners- Speak annually at 2 to 4 Master Gardener events and trainings

Selected Publications

- Haviland, D. R.**, S. M. Rill and C. A. Gordon, 2021. Field biology of *Scolothrips sexmaculatus* (Thysanoptera: Thripidae) as a predator of *Tetranychus pacificus* (Acari: Tetranychidae) in California almond. *Journal of Economic Entomology*. doi:10.1093/jee/toab036. In press.
- Haviland, D. R.**, J. P Rijal, S. M. Rill, B. S. Higbee, C. S. Burks and C. A. Gordon. 2021. Management of navel orangeworm (Lepidoptera: Pyralidae) using four commercial mating disruption systems in California almonds. *Journal of Economic Entomology* 114: 238-247.
- Haviland, D. R.**, and B. Stone-Smith. 2021. Control of Pierce's disease through areawide management of glassy-winged sharpshooter (Hemiptera: Cicadellidae) and roguing of infected grapevines. *Journal of Integrated Pest Management* 12: 14, 1-10.
- Haviland, D. R.**, S. M. Rill and C. A. Gordon. 2021. Evaluation of sticky traps for *Scolothrips sexmaculatus* (Thysanoptera: Thripidae) and *Stethorus punctum* (Coleoptera: Coccinellidae) as predators of spider mites in California almonds. *Journal of Economic Entomology* 114: 415-423.
- Haviland, D. R.** 2019. UC IPM Pest Management Guidelines Blueberry. UC ANR Publication 3542, Oakland, CA
- Haviland, D. R.**, D. Carroll, W. J. Bentley, and K. Tollerup. 2019 Insects and Mites in UC IPM Pest Management Guidelines Pomegranate, UC ANR Publication 3474, Oakland, CA
- Haviland, D. R.**, S. M. Rill and J. G. Morse. 2016. Impact of citrus thrips (Thysanoptera: Thripidae) on the growth and productivity of southern highbush blueberries in California. 2016. *Journal of Economic Entomology* 109(6): 2454-2462.
- Haviland, D. R.**, J. L. Caprile, S. M. Rill, K. A. Hamby and J. A. Grant. 2016. Phenology of spotted wing drosophila in the San Joaquin Valley varies by season and crop, and nearby vegetation. *California Agriculture* 70(1): 1-8.
- Ferguson, L. and **D. R. Haviland**, eds. 2016. Pistachio Production Manual. University of California Agriculture and Natural Resources Publication 3545. 334pp.
- Haviland, D. R.**, R. H. Beede and K. M. Daane. 2015. Crop loss relationships and economic injury levels for *Ferrisia gilli* (Hemiptera: Pseudococcidae) infesting pistachio in California. *Journal of Economic Entomology* 108(6): 2683-2690.
- Haviland, D.**; Hernandez, N. 2012. Development of management programs for white grubs in California blueberries. *International Journal of Fruit Science* 12(1-3): 114-123.
- Haviland, D. R.**, W. J. Bentley, J. M. Hashim, S. Vasquez, A. Shrestha and S. M. Rill. 2013. Seasonal guide to environmentally responsible pest management practices in California table grapes. UCANR.Publication 21647
- Haviland, D. R.**, R. H. Beede and K. M. Daane. 2012. Seasonal phenology of *Ferrisia gilli* (Hemiptera: Pseudococcidae) in commercial pistachios. *Journal of Economic Entomology* 105(5): 1684-1687.
- Haviland, D. R.**, and E. H. Beers. 2012. Chemical control programs for *Drosophila suzukii* that comply with international limitations on pesticide residues for exported sweet cherries. *Journal of Integrated Pest Management* 3(2)
- Haviland, D. R.**, S. M. Rill and J. G. Morse. 2009. Southern highbush blueberries are a new host for *Scirtothrips citri* (Thysanoptera: Thripidae) in California. *Florida Entomologist* Vol 92:1, pp 147-149
- Haviland, D. R.**, R. Beede, K. Godfrey and K. Daane, 2006. *Ferrisia gilli*: A new mealybug pest of pistachios and other deciduous crops. ANR Publication 8207
- Haviland, D. R.**, W. J. Bentley, and K. M. Daane. 2005. Hot-water treatments for control of *Planococcus ficus* (Homoptera: Pseudococcidae) on dormant grape cuttings. *J. of Econ. Entomol.* 98(4): 1109-1115.