

CURRICULUM VITAE - KAREN M. JETTER

UC Agricultural Issues Center One Shields Ave, Davis, CA 95616

Phone: 530-754-8756

e-mail: jetter@primal.ucdavis.edu

Areas of Interest

Agricultural Economics

Nutrition

Exotic Pests and Disease

Market Models

Education

1990-1998 University of California, Davis, Davis, CA, PhD, Agricultural and Resource Economics

1980-1984 University of California, San Diego, San Diego, CA, B.A., Economics

Employment

07/2010-present University of California Agricultural Issues Center, Davis, Associate Project Scientist

04/2003-03/2010 University of California Agricultural Issues Center, Davis, Assistant Research Economist

07/1998-03/2003 University of California Agricultural Issues Center, Davis, Post-Doctoral Research Fellow

09/1990-06/1998 University of California, Davis, Dept. of Ag and Resource Econ., Davis, Research Assistant

09/1991-12/1991 University of California, Davis, Dept. of Ag and Resource Economics, Davis

06/1991-09/1991 The World Bank, Washington, DC, Research Assistant

09/1989-09/1990 Manes and Associates, Pasadena, California, Consultant

06/1986-09/1989 Peace Corps, Ngaundere, Cameroon, Volunteer

06/1985-06/1986 Dai-Ichi Kangyo Bank, Los Angeles, Loan Assistant

Teaching

1999 Winter Quarter, Course Number=ARE/ECN 115A, Economic Development

2002 Winter Quarter, Course Number=ARE/ECN 115A, Economic Development

Publications

Journals

S.C. Blank, K.M. Jetter, C.M. Wick, J.F. Williams. With a ban on burning, incorporating rice straw into soil may become disposal option for growers. California Agriculture, 47(4): 8-12.

- 1996 C.H. Pickett, J.C. Ball, K.C. Casanave, K.M. Klonsky, K.M. Jetter, L.G. Bezark, S.E. Schoenig. Establishment of the ash whitefly parasitoid *Encarsia inaron* (Walker) and its economic benefit to ornamental street trees in California. *Biological Control*, 6: 260-272.
- 1997 K.M. Jetter, K. Klonsky, C.H. Pickett. Cost/benefit analysis of the ash whitefly biological control program in California. *Journal of Arboriculture*, 23(2): 65-71.
- 2002 K.M. Jetter, J. Hamilton, J.H. Klotz. Red imported fire ants threaten agriculture, wildlife and homes. *California Agriculture*, 56(1): 26-34.
- 2002 M.S. Hoddle, J.G. Morse, P.A. Phillips, B.A. Faber, K.M. Jetter. Avocado thrips: New challenge for growers. *California Agriculture*, 103-107.
- 2003 M.S. Hoddle, K.M. Jetter, J.G. Morse. The economic impact of *Scirtothrips perseae* Nakahara (Thysanoptera: Thripidae) on California avocado production. *Crop Protection*, 22: 485-493.
- 2004 K.M. Jetter, T.D. Paine. Consumer preferences and willingness to pay for biological control in the urban landscape. *Biological Control*, 30: 312-322.
- 2005 K.M. Jetter. Economic framework for decision making in biological control. *Biological Control*, 35: 348-357.
- 2006 K.M. Jetter, D.L. Cassady. The availability and cost of healthier food alternatives. *American Journal of Preventative Medicine*, 30(1): 38-44.
- 2007 D. Cassady, K.M. Jetter, J. Culp. Is price a barrier to eating more fruits and vegetables for low-income families? *Journal of the American Dietetic Association*, 1909-1915.
- 2009 K.M. Jetter, D.L. Cassady. Increasing fresh fruit and vegetable availability in a low-income neighborhood convenience store: a pilot study. *Health Promotion Practice*, 11(5): 694-702.
- 2009 K.M. Jetter, K. Godfrey. Diaprepes root weevil, a new California pest, will raise costs for pest control and trigger quarantines. *California Agriculture*, 63(3): 121-126.
- 2012 M.A. Palma, K.M. Jetter. Will the 2010 Dietary Guidelines for Americans be Any More Effective for Consumers? *Choices*, 27(1): 9.
- 2014 K.M. Jetter, J.M. Morse, J.N. Kabashina. The cost of the glassy-winged sharpshooter for California grape, citrus, and nursery industries. *California Agriculture*, 68(4): 161-67.

- 2015 K.M. Jetter, M. Yarborough, D.L. Cassady, D.M. Styne. Building research capacity with members of underserved American Indian/Alaskan Native communities: Training in Research Ethics and the Protection of Human Subjects. *Health Promotion Practice*, 16(3): 419-425.
- 2015 Mark S. Hoddle, Keith Warner, John Steggall, and Karen M. Jetter. Classical Biological Control of Invasive Legacy Crop Pests: New Technologies Offer Opportunities to Revisit Old Pest Problems in Perennial Tree Crops. *Insects*, 6: 13-37.

Book Chapters

- 1995 K. Klonsky, K.M. Jetter, C.H. Pickett: Economic evaluation of the ash whitefly parasite, *Ecarsia inaron* (Walker), L.G. Bezark, (ed), *Biological Control Program: 1994 Summary*, 1.
- 1996 K. Klonsky, T.A. Kerby, K.M. Jetter, P.L. Livingston, R.N. Vargas: Cost and returns for cotton production, Kerby, Hake, (ed), *Cotton Production Manual*, 381-391.
- 2003 H. Ferris, K.M. Jetter, I.A. Zasada, J.J. Chitambar, R.C. Venette, K.M. Klonsky, J.O. Becker: Risk assessment of plant-parasitic nematodes, D.A. Sumner, (ed), *Exotic pests and diseases: Biology and economics for biosecurity*, 99-119.
- 2003 K.M. Jetter, E.L. Civerolo, D.A. Sumner: Ex-ante economics of exotic disease policy: Citrus canker in California, D.A. Sumner, (ed), *Exotic pests and diseases: Biology and economics for biosecurity*, 121-149.
- 2003 T.D. Paine, K.M. Jetter, K.M. Klonsky, et al: Ash whitefly and biological control in the urban environment, D.A. Sumner, (ed), *Exotic pests and diseases: Biology and economics for biosecurity*, 203-213.
- 2003 K.M. Jetter, J.M. DiTomaso, D.J. Drake, K.M. Klonsky, M.J. Pitcairn, D.A. Sumner: Biological control of yellow starthistle, D.A. Sumner, (ed), *Exotic pests and diseases: Biology and economics for biosecurity*, 225-241.
- 2003 M.S. Hoddle, K.M. Jetter, J. Morse: Introduction and establishment of exotic insect and mite pests of avocados in California, changes in sanitary and phytosanitary policies, and their economic and social impact, D.A. Sumner, (ed), *Exotic pests and diseases: Biology and economics for biosecurity*, 185-202.
- 2003 J.H. Klotz, K.M. Jetter, L. Greenberg, J. Hamilton, J. Kabashima, D.F. Williams: An insect pest of agricultural, urban, and wildlife areas: The red imported fire

ant, D.A. Sumners, (ed), Exotic pests and diseases: Biology and economics for biosecurity, 151-166.

- 2011 K.M. Jetter: Using Price Incentives to Increase the Consumption of Fruits and Vegetables Among a Low-Income Population. Chapter 9 in Nutrients, Dietary Supplements, and Nutraceuticals. Cost Analysis Versus Clinical Benefits, R.R. Watson, J.K. Gerald, V.R. Preedy, (ed), Humana Press, New York.

Books Authored

- 1991 R.I. Rochin, K.M. Jetter: Availability and prices of consumer goods and services in small towns of Northern California, Giannini Foundation Information Series, Vol. 91(1), pp. 1-27.

Items of Limited Distribution

- 1992 Blank, Steven C., Karen Jetter, Pete Livingston. Sample costs to produce wine grapes and to establish a winery in Calaveras County. Paper prepared for the 15th Annual Wine Grape Day, Murphys, CA, 11 pp.
- 1992 Blank, Steven C., Karen Jetter, Carl M. Wick, John F. Williams. Rice straw incorporation costs. Financial management topic papers #7, Dept. of Agricultural Economics, University of California, Davis, 14 pp.
- 1992 Steven C. Blank, Karen Jetter. The effects of higher electrical costs on the financial outlook for California agriculture. Position paper for the workshop, Economic implications of higher electricity rates to agriculture, California Energy Commission, 24 pp.
- 1993 Klonsky, Karen, Bill Krueger, Steven Sibbett, Peter Livingston, Karen Jetter. Economic analysis of converting from Sevillano to Manzanillo olive production. Dept. of Agricultural Economics, University of California, Davis, 22 pp.
- 1994 Klonsky, Karen, Karen Jetter, Charles Pickett. Economic evaluation of the ash whitefly parasite. Summary, Biological Control Program, Integrated Pest Control Branch, Division of Plant Industry, California Dept. of Food and Agriculture, Sacramento.
- 1994 Klonsky, Karen, Karen Jetter. Can there be too many prunes? Dept. of Agricultural Economics, University of California, Davis, 4 pp.
- 1994 Klonsky, Karen, Karen Jetter. Economic assessment of the Ash Whitefly (*Siphoninus phillyreae*) biological control program. Final report to the California Dept. of Food and Agriculture.

- 1996 Jetter, Karen M. Estimating the demand for urban pest control programs. Selected paper presented at the AAEA meetings, San Antonio, outline, 10 pp.
- 1998 Jetter, Karen, Karen Klonsky, Charles H. Pickett. Cost/benefit analysis of the ash whitefly biological control program in California. ARE Update, 1(4): pp 5-7.
- 1998 Jetter, Karen M. A cost/benefit analysis of agricultural commodity smuggling investigators. A report prepared for the California Dept. of Food and Agriculture, 6 pp.
- 1999 Jetter, Karen M. The economics of invasive species prevention. In Proceedings, California Exotic Plant Pest Symposium.
- 1999 Jetter, Karen M., James A. Chalfant, Karen M. Klonsky. Household willingness to pay for biological and chemical public pest control programs. ARE Update, 2(2): pp 5-7.
- 1999 Jetter, Karen, Daniel A. Sumner, Jung Sup Choi. An economic analysis of the effects of alternative policy scenarios on the risk of exotic pest invasions and establishment. Paper presented at the AAEA meetings, Nashville, TN, Powerpoint presentation 4 pp., 17 pp.
- 2000 Jetter, Karen M. The economics of biological control. In Proceedings, California Conference on Biological Control II.
- 2000 Jetter, Karen M., Daniel A. Sumner, Edwin L. Civerolo. Ex ante economics of exotic disease policy: Citrus canker in California. Draft prepared for presentation at conference, Integrating Risk Assessment and Economics for Regulatory Decisions, U.S. Dept. of Agriculture, Washington, DC, various.
- 2001 Jetter, Karen M., Julian M. Alston, Robert J. Farquharson. Private investment in exotic pest control technology: The case of silverleaf whitefly in California. Agricultural Issues Center, University of California, 67 pp.
- 2001 Jetter, Karen M., Julian M. Alston, Robert J. Farquharson. An economic analysis of the use of Admire to control silverleaf whitefly in California vegetable crops. A report prepared for the Bayer Corporation, 51 pp.
- 2003 Jetter, Karen M., James A. Chalfant, Daniel A. Sumner. An analysis of the private costs and benefits to Californians from eating the USDA recommendations for fruits and vegetables. Final report, Dept. of Agricultural and Resource Economics, University of California, Davis, Various.
- 2004 Jetter, Karen M., James A. Chalfant, Daniel A. Sumner. An analysis of the costs and benefits to consumers and growers from the consumption of recommended amounts and types of fruits and vegetables for cancer

prevention. Final report for the California Dept. of Health Services Cancer Prevention and Nutrition Section, Agricultural Issues Center, University of California, Davis, 110 pp.

- 2004 Jetter, Karen M., Mark S. Hoddle. Dynamic benefits of invasive pest control in California avocado production. In Proceedings, California Avocado Research Symposium, California Avocado Commission.
- 2004 Jetter, Karen M., Joseph, G. Morse. Agri-Mek Section 18 approved for the 2004 field season. AvoResearch, California Avocado Commission, 3(1): pp 1-5.
- 2004 Jetter, Karen M., James A. Chalfant, Daniel A. Sumner. Does 5-a-day pay? Potential gains to growers from increasing consumption of fruits and vegetables to recommended levels in a cancer prevention diet. AIC Issues Brief, Agricultural Issues Center, University of California, no 27, 6 pp.
- 2005 Jetter, Karen M., Karen M. Klonsky. An economic analysis of the tamarisk and yellow starthistle biological control program. Final report prepared for the United States Department of Agriculture, 8 pp.
- 2005 Jetter, Karen M., Diana L. Cassady. The availability and cost of healthier food items. AIC Issues Brief, Agricultural Issues Center, University of California, no 29, 6 pp.
- 2006 Jetter, Karen M. Curly top virus assessment rate project. Report prepared for the California Department of Food and Agriculture, Curly Top Virus Control Board. Davis, University of California, Agricultural Issues Center, 9 pp (Ref #8897).
- 2007 Jetter, Karen M. The direct economic effects of a policy to provide government subsidized price discounts for the purchase of fruit and vegetables by food stamp recipients. Davis, University of California, Agricultural Issues Center. Final report prepared for the USDA, Economic Research Service, Research Innovation and Development Grant program, 34 pp.
- 2007 Jetter, Karen M. A preliminary economic analysis of the establishment of diaprepes root weevil on citrus, avocados and nursery industries in California. Davis, University of California, Agricultural Issues Center. Prepared for the California Department of Food and Agriculture, 15 p.
- 2007 Jetter, Karen M. The economic benefits of increasing food stamp participation rates in California. Davis, University of California, Center for Public Policy Research, 37 p.

- 2008 Jetter, Karen M., Joseph G. Morse. The economics of Pierce's disease in California. Proceedings of 2008 Pierce's Disease Research Symposium, Dec. 15-17, San Diego, CA, California Dept. of Food & Agriculture, 257-261.
- 2008 Jetter, Karen M., Joseph M. DiTomaso, Morgan P. Doran, Steve Orloff. The economic impact of invasive plants in California. Oakland, University of California, Division of Agriculture and Natural Resources. ANR core grant final report submitted November 2008, Oakland, California, 17 p.
- 2009 Jetter, Karen M., Joseph G. Morse. The economics of Pierce's Disease in California. Proceedings of 2009 Pierce's Disease Research Symposium, Dec. 9-11, Sacramento, CA, California Dept. of Food & Agriculture, 215-220.
- 2009 K.M. Jetter. The Potential Economic Effects of the Establishment of the Light Brown Apple Moth. Final report prepared for the California Department of Food and Agriculture.
- 2010 Jetter, Karen M., Joseph G. Morse. The economics of Pierce's disease in California. Proceedings of 2010 Pierce's Disease Research Symposium, Dec. 15-17, San Diego, CA, California Dept. of Food & Agriculture, 277-282.
- 2011 Jetter, K.M., Morse, J.G. The economics of Pierce's disease in California. Final report for CDFA contract #08-0197. Also funded by Consolidated Central Valley Table Grape Pest and Disease Control District.
- 2013 K.M. Jetter. Measuring the effect of supermarket fruit and vegetable promotions on sales of fresh produce. Report prepared for the California Department of Public Health.
- 2014 Karen M. Jetter. Consumer and Producer Benefits of Meeting the 2010 Dietary Guidelines for Fruits and Vegetables.
- 2016 Karen M. Jetter, Jennymae Adkins, Susie Cortez, Gesford Kane Hopper, Jr, Delorus McHenry, Vicki Shively, Dennis Styne, Melissa Beavers, and Kyle Bill. HEALTHY EATING: WHY DO WE DO WHAT WE DO AND DOING IT BETTER. A Community-Based Participatory Research Project Between the Mechoopda Indian Tribe of Chico Rancheria, the Northern Valley Indian Health Clinic, Inc., the University of California Davis School of Medicine and the University of California Agricultural Issues Center. Report to the Mechoopda Indian Tribe of Chico Rancheria.

Limited Distribution In Press

- 2016 Jetter, Karen M Grafton-Cardwell, Elizabeth. Economics of Asian citrus psyllid eradication in Ventura County. Citrograph. ** IN PRESS **

Presentations

- 1998 Household demand for urban environmental amenities., Paper presented at the Australian Agricultural and Resource Economics Society meeting, Armingdale, Australia, outline. 20 pp.
- 1998 A combined contingent valuation/contingent ranking model to estimate household willingness to pay for urban environmental amenities., Paper presented at the World Congress of Environmental and Resource Economists, Venice, Italy, outline. Jetter, Karen M., James A. Chalfant 22 pp.
- 1999 Economic analysis of the effects of ash whitefly in California, Paper presented at Exotic Pest and Disease Policy Conference, Sacramento, CA, Powerpoint presentation. Jetter, Karen M. 6 pp.
- 1999 The WTO, sanitary and phytosanitary regulations and exotic pest policy, Paper presented at the American Agricultural Economics Association meeting, Nashville, TN, Powerpoint presentation. Jetter, Karen M. 4 pp.
- 2000 Private and public costs and benefits of eradicating yellow starthistle in California, Powerpoint presentation, presented at the Western Agricultural Economics Association meeting, Vancouver, Canada. Jetter, Karen, Karen M. Klonsky, Daniel A. Sumner 20 pp.
- 2000 Implicit discount rates from stated preferences, Selected paper presented at the American Agricultural Economics Association meetings, Tampa, FL, Powerpoint presentation. Jetter, Karen M. 11 pp.
- 2001 Cost/benefit analysis of the red imported fire ant in California, Invited speaker at the Division of Agricultural and Natural Resources meetings, University of California, Riverside, Powerpoint presentation. Jetter, Karen M., John H. Klotz 22 pp.
- 2001 An analysis of the private costs and benefits to Californians from eating the USDA recommendations for fruits and vegetables, Paper presented at the Society for Nutrition Education meetings, Oakland, CA. Jetter, Karen M., James a Chalfant, Daniel A. Sumner 25 pp.
- 2002 An analysis of public policies to restore private land, Powerpoint presentation, presented at the World Congress of Environmental and Resource Economics, Monterey, CA. Jetter, Karen M., Karen M. Klonsky, Daniel A. Sumner 11 pp.
- 2002 The welfare effects of consuming a cancer prevention diet, Powerpoint presentation, presented at the American Agricultural Economics Association meetings, Long Beach, CA. Jetter, Karen M., James A. Chalfant, Daniel A. Sumner 11 pp.

- 2003 The economic costs and benefits of consuming more fruits and vegetables in a cancer prevention diet, Invited speaker at the Center of Advanced Studies in Nutrition and Social Marketing seminar Series, Davis, CA, Powerpoint presentation. Jetter, Karen M. 19 pp.
- 2004 Economic framework for decision making in biological control, Invited speaker at Conference on the Benefits and Risks of Biological Control, Science and Decision-Making in Biological Control of Weeds, Denver, CO, Powerpoint Presentation. Jetter, Karen M. 20 pp.
- 2004 Explaining disparities in the cost of healthier food, Selected paper presented at the American Agricultural Economics Association meetings, Denver, CO, Powerpoint presentation. Jetter, Karen, Diana L. Cassady 19 pp.
- 2005 Evaluating the costs and benefits of yellow starthistle control in California under uncertainty, Select paper presented at the International Workshop on Invasive Plants in the Mediterranean Type Regions of the World, Montpellier, France, Powerpoint presentation. Jetter, Karen M., Karen M. Klonsky 16 pp.
- 2006 Linkages between greater fruit and vegetable consumption and agriculture, Selected paper presented at American Agricultural Economics Association annual meeting, Long Beach, CA. Jetter, Karen M., James A. Chalfant, Daniel A. Sumner 29 pp.
- 2006 Linkages between a healthier diet and agriculture, Davis, University of California, Agricultural Issues Center. 16 slides. Power Point presentation at the AAEA annual meeting, Long Beach, California. Jetter, Karen M.
- 2006 The effects of the spatial distribution of food stores on food prices, Davis, University of California, Agricultural Issues Center. 20 slides. Power Point presentation at the AAEA annual meeting, Long Beach, California. Jetter, Karen M., John M. Crespi, Diana L. Cassady.
- 2007 The economics of diaprepes eradication, Davis, University of California, Agricultural Issues Center. 18 slides. Power Point presentation at the ESA Conference, San Diego, California. Jetter, Karen M.
- 2007 Socio-economic aspects in the public support of biological control programs, Davis, University of California, Agricultural Issues Center. 4 slides. Power Point presentation at the ESA Conference, San Diego, California. Jetter, Karen M., Timothy Paine.
- 2009 The Economic Effects of Pierce's Disease in California: Preliminary Effects, Poster presented at the 2009 Pierce's Disease Research Symposium. December 9-11, Sacramento, CA. Jetter, Karen, Joseph M. Morse.

- 2011 Community Based Participatory Research to Improve Access to Healthy Foods, Poster presented at the 2011 UC ANR Sustainable Food Systems Strategic Initiative Conference. Strengthening Our Connections: People, Issues and Policy. October 11-13, Davis, CA. Jetter, Karen M., Dennis M. Styne.
- 2011 Sample Costs of Invasive Species in California, Poster presented at the 2011 UC ANR Sustainable Food Systems Strategic Initiative Conference. Strengthening Our Connections: People, Issues and Policy. October 11-13, Davis, CA. Jetter, Karen M..
- 2013 February 5, Asian Citrus Psyllid and Huanglongbing Management in California: How Psyllid Spread Will Affect Grower Costs, Poster presentation at the 3rd International Research Conference on Huanglongbing. Orlando, FL.
- 2013 April 9, Asian Citrus Psyllid and Huanglongbing Management in California: How Psyllid Spread Will Affect Grower Costs, Poster presentation at the UC ANR Statewide conference., Ontario, California.
- 2014 November 11, Investing in Classical Biological Control of Legacy Pests, Invited paper, INFORMS, San Francisco, CA.
- 2015 September 9, Economics of psyllids control - the Ventura example, Davis, CA. California Asian Citrus Psyllid and Huanglongbing Research and Extension Summit..
- 2015 October 6, Risk Assessment, Economic Analysis, and Extension Education for Asian Citrus Psyllid and Huanglongbing Disease Management., Sacramento, UC ANR Healthy Californians Joint Strategic Initiatives Conference.
- 2015 October 6, Asian Citrus Psyllid and Huanglongbing Management in California: How Psyllid Spread Will Affect Costs., Sacramento. Poster Presentation. UC ANR Healthy Californians Joint Strategic Initiatives Conference.

Extending Knowledge

Broadcast, Print or Electronic Media

- 1 Asian Citrus Psyllid Distribution and Management, Website, April 2013 to current.

Workshops, Conferences, Presentations and Short Courses

- 1 Economic analysis of the effects of chrysanthemum white rust in California, Presenter, Paper presented at Exotic and Pest and Disease Policy Conference, Sacramento CA, Powerpoint presentation, 1999.

- 2 Economic analysis of the effects of ash whitefly in California, Presenter, Paper presented at Exotic Pest and Disease Policy Conference, Sacramento, CA, Powerpoint presentation, 1999.
- 3 Economics of invasive species prevention, Presenter, Paper presented at the CALEPPC symposium, powerpoint presentation, 1999.
- 4 The economics of biological pest control, Presenter, Paper presented at the California Conference on Biological Control II, Powerpoint presentation, 2000.
- 5 Linkages between improved nutrition and agriculture, Presenter, Powerpoint presentation, presented at the Nutrition Education Conference, Oakland, CA, 2001.
- 6 Economic aspects of domestic and international policies and invasive species, Presenter, Powerpoint presentation presented at the Invasive Species Symposium, Davis, CA, 2002.
- 7 The economics of invasive species, Presenter, Paper presented at the Symposium on Science and Policy for the Management of Invasive Species, Davis, CA, Powerpoint presentation, 2003.
- 8 The economics of consuming a cancer prevention diet, Presenter, Invited paper presented at the California Nutrition Network and 5-a-day joint steering committee meeting, Sacramento, CA, Powerpoint presentation, 2003.
- 9 Does 5 to 7 a day pay? The benefits to agriculture of consuming recommended amounts of fruits and vegetables, Presenter, Invited presentation to the Joint Steering Committee of the California Nutrition Network, Sacramento, CA, Powerpoint presentation, 2005.
- 10 Does 7 to 9 a day pay? The benefits to agriculture of consuming the recommended amounts of fruits and vegetables, Presenter, Invited speaker at the Fresh Fruit and Vegetable Allied Association meeting, Chicago, IL, Powerpoint presentation, 2005.
- 11 Consumer Empowerment Forum, Black History Month, Invited Speaker, Sacramento, February 2006.
- 12 Does 7 to 9 a day pay?, Presenter, Davis, University of California, Agricultural Issues Center. 32 slides. Power Point presentation at the International Fruit and Vegetable Alliance meeting, Ottawa, Canada, 2006.
- 13 The availability and cost of healthier food items in grocery stores, Presenter, Davis, University of California, Agricultural Issues Center. 28 slides. Power Point presentation at the Solano County Children and Weight Coalition meeting, Fairfield, California, 2006.
- 14 The direct economic effects of a policy to provide government subsidized price discounts for the purchase of fruit and vegetable by food stamp recipients, Presenter, Davis, University of California, Agricultural Issues Center. 17 slides. Power Point presentation, 2007.
- 15 The direct economic effects of a policy to provide government subsidized price discounts for the purchase of fruit and vegetable by food stamp recipients, Presenter, Davis, University of California, Agricultural Issues Center. 21 slides. Power Point presentation, 2007.

- 16 Does 7 to 9 a day pay?, Presenter, Davis, University of California, Agricultural Issues Center. 20 slides. Power Point presentation at the California, Commodity Committee annual meeting, Davis, California, 2007.
- 17 Origins of the food crisis, Presenter, Davis, University of California, Agricultural Issues Center. 25 slides. Power Point presentation at the Assembly Committee on Human Services informational hearing, Sacramento, California, 2008.
- 18 Origins of the food crisis, Presenter, Davis, University of California, Agricultural Issues Center. 35 slides. Power Point presentation at the California Association of Food Banks annual meeting, Oakland, California, 2008.
- 19 Considering Social Determinants of Health in Designing Clinical Interventions, Presenter, PowerPoint presentation at National Medical Providers' Best Practices and GPRA Measures Conference: Navigating Through Today's Healthcare Environment. May 25th, 2011.
- 20 Community Based Participatory Project to Increase Healthy Eating, Invited Speaker, Medical professionals working with clinics that serve the American Indian population, Chico, April 11, 2012, 14 Attendees.
- 21 Web-Based Information for Managing Asian Citrus Psyllid for California Growers and Homeowners, Presenter, Poster Presentation, Citrus industry and academics, Denver, CO, October 15 - 17, 2013.
- 22 Truth or Myth? Neonicotinoids and Their Impact on Pollinators What is the Science-Based Research?, Invited Speaker, University Researches, Government Agencies, general public., September 9, 2015, <250 Attendees.
- 23 An Economic Model to Document the Control Costs and Damage Caused by Aquatic Weeds., Presenter, Government, public non-profits, general public, Stockton, California., August 28, 2015.
- 24 Economic Modeling for Aquatic Invasive Weed Management in the California Bay-Delta, Presenter, Stakeholders that use or operate in the California Delta region. 7th Planning Meeting, Delta Areawide Project, Davis, CA, April 12, 2016.
- 25 Marina Costs and Economic Modeling for Aquatic Invasive Weed Management in the California Bay-Delta, Presenter, 8th Planning Meeting, Delta Regional Areawide Aquatic Weed Project stakeholders, Stockton, CA, August 18, 2016

Grants and Contracts

Grants Active

- 10/01/2011 - 09/30/2016 \$470,643, Co-Investigator, Risk assessment, economic analysis, and extension education for Asian citrus psyllid and Huanglongbing disease management in California, Elizabeth Grafton-Cardwell, Lindcove Research and Extension Center (Principal Investigator), UC ANR
- 07/01/2015 - 06/30/2017 \$1,900,000, Co-Investigator, Socio-Economic Assessment of Areawide Pest Management of Aquatic Weeds in the Sacramento-San Joaquin River Delta Active 07/01/14-06/30/16., Patrick Moran (Principal Investigator), USDA - ARS

03/01/2015 - 02/28/2020 \$256,000 (subaward), Co-Investigator, Non-transgenic plant, near term RNA interference-based application strategies for managing *Diaphorina citri* and citrus greening., Bruce Falk (Principal Investigator), USDA

04/01/2016 - 03/31/2021 \$250,000, Principal Investigator, Ecoinformatics ("Big Data") for improved citrus pest management, Jay Rosenheim (Principal Investigator), UC ANR

Grants Completed

1998 - 1998 \$4,675, Principal Investigator, An economic analysis of the impact of smuggling prevention in the state of California, California Department of Food and Agriculture

10/01/2009 - 04/30/2014 \$94,336, Co-Principal Investigator, Laurel wilt of avocado: Mitigation and management of an insect vectored disease, Randy Ploetz, University of Florida (Principal Investigator), USDA Specialty Crop Research Initiative

2001 - 2001 \$11,000, Principal Investigator, Feasibility study for estimating the economic effects on California producers and consumers of increasing consumption of fruits and vegetables, UC Davis Center for Advanced Studies in Nutrition and Social Marketing

05/01/2011 - 12/31/2014 \$192,796, Co-Investigator, Biological control of arthropod pests in California agriculture: Future prospects with special emphasis on its role in managing invasive species, Mark Hoddle, University of California Riverside (Principal Investigator), California Department of Food and Agriculture

2001 - 2002 \$44,969, Principal Investigator, Analysis of the private costs and benefits to Californians from eating the USDA recommendations for fruits and vegetables, Public Health Institute, California Department of Health Services

2001 - 2005 \$795,000, Collaborator, Cancer prevention for African Americans, Diana Cassady, UCD School of Medicine (Principal Investigator), Community Initiated Research Collaboration Award (CIRCA) California Department of Health Services

2004 - 2004 \$11,307, Principal Investigator, Economics of invasive pest control in California avocado production, California Avocado Commission

2006 - 2006 \$35,925, Principal Investigator, Curly top virus assessment project, California Department of Food and Agriculture

2006 - 2008 \$29,031, Principal Investigator, The direct economic effects of a policy to provide government subsidized price discounts for the purchase of fruits and vegetables by food stamp recipients, United States Department of Agriculture (USDA)

2007 - 2007 \$41,169, Principal Investigator, Cost/benefit analysis of the control and management of diapaese root weevil, California Department of Food and Agriculture

2007 - 2007 \$18,000, Principal Investigator, Economic impacts of increased food stamp participation rates in California, California Department of Social Services via the UC Davis Center for Public Policy

2007 - 2008 \$34,696, Principal Investigator, Direct costs and benefits of managing invasive plants on rangelands in California, ANR Core Issues

2008 - 2009 \$97,735, Principal Investigator, Economic effects of the light brown apple moth, California Department of Food and Agriculture

07/01/2008 - 06/30/2010 \$37,231, Principal Investigator, The economics of Pierce's disease in California, California Department of Food and Agriculture (CDFA)

07/01/2008 - 06/30/2010 \$37,231, Principal Investigator, The economics of Pierce's disease in California, Consolidated Central Valley Table Grape Pest and Disease Control District

07/01/2010 - 08/01/2013 Grant #1RC4DK089859-01, \$1,000,000, Co-Investigator, Northern California healthy native communities partnership: Community-based participatory research project, Dennis Styne, UCD School of Medicine (Principal Investigator), National Institutes of Health

2011 - 2011 \$61,215, Principal Investigator, Evaluating a supermarket promotion program for fruits and vegetables, Public Health Institute

04/01/2012 - 09/30/2012 \$127,000, Principal Investigator, Network Sugar-Sweetened Beverage, Public Health Institute, California Department of Public Health

06/01/2013 - 09/30/2013 \$16,013, Principal Investigator, Network Sugar-Sweetened Beverage Purchase Analysis Supplement, USDA/Supplemental Nutrition Assistance Program (SNAP)

02/11/2014 - 09/30/2014 Grant #13-20561-0, \$31,283.74, Principal Investigator, Measuring Consumer And Producer Costs And Benefits Of Meeting The

USDA Dietary Recommendations For Fruits And Vegetables, California
Department of Public Health

09/01/2014 - 12/31/2015 Grant # 58-5325-4-028-0, \$750,000, Co-Principal Investigator, Socio-Economic Assessment of Areawide Pest Management of Aquatic Weeds in the Sacramento-San Joaquin River Delta, Raymond Carruthers (Principal Investigator), USDA

12/15/2014 - 12/14/2015 \$63,020, Principal Investigator, Biological control of arthropod pests in California agriculture: Future prospects with special emphasis on its role in managing invasive species, California Department of Food and Agriculture

Service

Committees

Department/Section

- 2003 winter quarter-----guest lecturer, IPM 201, Concepts and Systems (plant protection and pest management).
2005 winter quarter-----guest lecturer, IPM 201, Concepts and Systems (plant protection and pest management).
2006 winter quarter-----guest lecturer, WMS 136, Topics in Production, Consumption, and Meaning: Food.

School/College/Division

- 2003-2006 Member - Steering Committee for the Center for Advanced Studies in Nutrition and Social Marketing, University of California, Davis.
2008 Reviewer for 5 year Dean review.

Campus

- 2011 - 2012 Co-Developer - Developed CITI course for the UC Davis IRB in research ethics for community researchers.
2014 - 2016 Member - Professional Development Academic Federation Committee.

Systemwide

- 2009 Nutrition expert/contact resource for economics - UC ANR Nutrition Media Kit.

Other University

- 2014 Facilitator - AF Personnel Workshop May 14, 2014.

Other Non-University

- 2004 Nov. Interview with public Broadcasting System, Sacramento, on study of benefits to agriculture when consumers achieve 5-a-day recommendations for fruit/vegetable consumption.
- 2004 Nov. Interview with Sacramento Bee on study of benefits to agriculture when consumers achieve 5-a-day recommendations for fruit/vegetable consumption.
- 2004 Nov. interview with Stockton Record on study of benefits to agriculture when consumers achieve recommendations for fruit/vegetable consumption.
- 2005 Mar. live on-air interview with KCBS radio, San Francisco, on the cost and availability of healthier food items.
- 2005 Mar. interview with Stockton Record on study of cost of healthier food items.
- 2005 May Interview with Sacramento Bee on study of cost and availability of healthier food items.
- 2005 May interview with Bakersfield Californian on study of cost and availability of healthier food items.
- 2005 Jun. interview with Gilroy Dispatch on study of cost and availability of healthier food items.
- 2005 Jun. Interview with the California Aggie on study of cost and availability of healthier food items.
- 2005 Nov Interview with Sacramento bee on conversion of a convenience store in a low-income neighborhood to a store that sells fresh fruits and vegetables.
- 2005 Nov. grocery store conversion project to install produce cases in convenience store (Jimmy's Market & Deli) in low-income Del Paso Heights, Sacramento.
- 2005 Interview with Radio Noticias on benefits to agriculture of 5-a-day fruit/vegetable food plan, and the cost and availability of healthier food items.
- 2006 Jun. on-air interview with KCRA Sacramento regarding Jimmy's Store transformation from convenience store to store selling fresh fruits and vegetables.
- 2007 Jul. Interview with Andy Coghlan, New Scientist (magazine), "Will the Food Dudes Work in the U.S.? Superheroes fight childhood obesity?"
- 2007 Technical advisory committee, Huanglongbing Control (Florida), National Academy of Sciences.
- 2007 Technical advisory committee, Healthy Food Purchase Pilot Program, California Department of Public Health.
- 2009 Technical advisory committee, program development, Robert Wood Johnson foundation.
- 2009 Technical advisory committee, program development, Valley Vision, Sacramento.
- 2009 Technical advisory committee, proposal development, Healthy Incentive Program, Public Health Institute, California Department of Public Health.
- 2010 Advisor, Development of regional food consumption scenarios, Sacramento Council of Government

Service: Additional Information

Reviews - Journals

2005 California Agriculture
2005 Biological Control
2005 Landscape and Urban Planning
2006 Journal reviewer, Crop Protection
2006 Landscape and Urban Planning
2007 American Journal of Preventative Medicine
2007 Nutrition
2008 Journal of Nutrition Education and Behavior
2008 International Journal of Pest Management
2009 Economic Geography
2009 International Journal of Pest Management
2009 Public Health Nutrition
2010 Appetite
2010 Nutrition Education and Behavior
2011-2012 American Journal of Preventative Medicine
2011 Economics and Human Biology
2011 Journal of Nutrition Education and Behavior
2011-2014 Crop Protection
2012 Biocontrol Science and Technology
2012 Journal of Development and Agricultural Economics
2012 International Journal of Behavioral Nutrition and Physical Activity
2012 Journal of Nutrition Education and Promotion
2012 Choices
2013 Biological Control Science and Technology
2014 Public Health Nutrition
2014 Journal Nutrition Education and Behavior (2)
2015 Journal of Nutrition Education
2015 Journal of Environmental Planning and Management
2015 Public Health Nutrition (2)
2015 Canadian Journal of Agricultural Economics/Revue canadienne d'agroeconomie
2016 Journal of Environmental Planning and Management
2016 Canadian Journal of Agricultural Economics
2016 Journal of Nutrition Education and Behavior
2016 Saudi Medical Journal

Reviewer – Grants

2003 Small Grant Program, Center for Advanced Studies in Nutrition and Social Marketing
2007 Ridge grants, ERS (Economic Research Service)
2007 Value Added Producer grants, US Department of Agriculture
2008 Ridge grants, ERS (Economic Research Service)
2008 Food and Nutrition Assistance Research Program, US Department of Agriculture
2008 Value Added Producer grants, US Department of Agriculture
2009 Cooperative State Research, Education, and Extension Service, US Department of Agriculture
2009 Netherlands Organization for Health Research and Development (ZonMw)

2010-2011 Value Added Producer grants, US Department of Agriculture

Reviewer - Other

2005 American Agricultural Economics Association

2007 Program reviewer, California Department of Public Health

2009 Select paper reviewer, American Agricultural Economics Association

Other Service - Non University

2008 Testimony on the causes of the international food crisis, California State Assembly

Technical Advisor

Collaborator - USDA ARS project entitled "Watershed-scale Assessment of Pest Dynamics and Implications for Area-wide Management of Invasive Insects and Weeds."