

University of California
Agriculture and Natural Resources

ANR Academic Hires

2007 - 2016

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Biography:

Dr. Kassim Al-Khatib joined UCCE on January 19, 2009 as weed science specialist and director of the Statewide IPM Program (2009-2015) and professor in the Department of Plant Sciences at UC Davis.

Education:

Al-Khatib earned his Ph.D. in Crop Physiology from Kansas State University and an M.S. in Weed Science and a B.S. in Agronomy, both from University of Baghdad.

Experience:

Prior to joining UCCE, Al-Khatib had been a professor of weed science at Kansas State University since 1996. From 1989 to 1996, he was an assistant horticulturist/agronomist, then a weed specialist for Cooperative Extension at Washington State University, where he served as director of the Western Washington IR-4 Field Research Center from 1993 to 1996. Al-Khatib is past president of the Council for Science and Technology and past president of Western Society of Weed Science. He is a fellow of Weed Science Society of America, Western Society of Weed Science, American Society of Agronomy, and North Central Weed Science Society. He has authored or co-authored three books and more than 100 peer-reviewed publications and holds two patents related to sorghum.

Specialty:

- Bilingual in language(s) other than English: Arabic and Kurdish
- Weed Science
- Integrated Weed Management
- Off Target Herbicide Movement
- Herbicide Resistant Plants
- Herbicide-Plant Interactions

Areas of Expertise:

- | | | | |
|------------------|-------------------------|-------------------|-------------------------------------------|
| • Alfalfa | • Fruit Crops - General | • Potatoes, Irish | • Strategic Initiatives |
| • Grains | • Tree Fruits - General | • Cole Crops | • Endemic and Invasive Pests and Diseases |
| • Barley | • Grapes | • IPM | • Water Quality, Quantity, and Security |
| • Corn, Field | • Apples | • Endemic Species | • Sustainable Food Systems |
| • Wheat | • Cherries | • Invasives | |
| • Sorghum, Grain | • Corn, Sweet | • Weeds | |

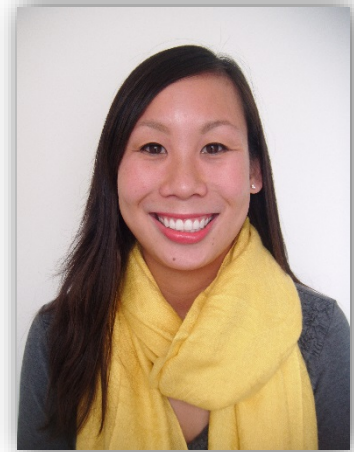
Web/Social Media Site:

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Lauren Au, PhD, RD

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Biography:

Dr. Lauren Au joined ANR on September 1, 2015 as an Assistant Researcher for Nutrition Policy Institute.

Education:

Dr. Au completed a Ph.D. in Food Policy and Applied Nutrition from Tufts University, a M.S. in Nutrition and Public Health from Columbia University, and a B.S. in Nutritional Sciences and Dietetics from UC Berkeley. Dr. Au is a Registered Dietitian.

Experience:

Prior to joining ANR, Dr. Au was a Postdoctoral Scholar at UC Berkeley’s Center for Weight and Health where she managed several research projects, conceptualized research designs and generated research funds. From 2013-2014, Dr. Au served as a Congressional Fellow to U.S. Senator Kirsten Gillibrand (D-NY), developing nutrition and health legislation, including helping to introduce the bipartisan Summer Meals Bill, and preparing policy briefs on federal nutrition and health policies. From 2009-2013, Dr. Au was a USDA Obesity Graduate Research Fellow for Tufts University, Friedman School for Nutrition Science and Policy. During her time at Tufts, Dr. Au served as a consultant for the HBO Films, “The Weight of the Nation” (2012). She also worked as a Registered Dietitian for the Hospital for Special Surgery in New York City in 2009.

Specialty:

- Childhood Obesity
- Dietary Assessment
- Nutrition Policy
- Nutrition Epidemiology

Areas of Expertise:

- Human Nutrition
- Nutrition Education and Behavior
- Human Health and Well-being
- Families, Youth, and Communities
- Nutrition and Hunger in the Population

Web/Social Media Site:

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Biography:

Dr. Oli Bachie joined UCCE on December 3, 2012 as agronomy advisor. Bachie’s research focuses on crops such as alfalfa, wheat, sudangrass, bermudagrass, kleingrass, cotton, sugarbeet and bio-energy crops.

Education:

Bachie holds a B.S. in Plant Sciences from Alamaya University (Ethiopia), an M.S. in Weed Sciences from the University of the Philippines, and an M.S. in Forestry from the University of Toronto (Canada). He recently earned his Ph.D. in Plant Biology at UC Riverside and worked as an assistant research specialist in the UC Riverside Department of Nematology. His dissertation research explored alternative and ecologically desirable multipest – such as insects, nematodes and weeds – management strategies.

Experience:

Bachie has worked as a grower for Toronto urban forestry, graduate researcher at the University of Toronto and adjunct professor, network administrator and research specialist at National University, American University and San Diego State Universities, respectively. Prior to moving to North America, Bachie worked at the Ministry of Agriculture in Ethiopia as an expert in crop production, crop protection and weed management.

Specialty:

- Bilingual in language(s) other than English: Afaan oromo and Amharic
- Field crops and their production

Areas of Expertise:

- Field Crops - General
- Sugar Beets
- Forage Crops - General
- Alfalfa
- Hay
- Forage Crops - Other
- Cotton
- Grains
- Grains - General
- Barley
- Wheat
- Sorghum, Grain
- Plant Management Systems
- Basic Plant Biology
- Weeds Affecting Plants

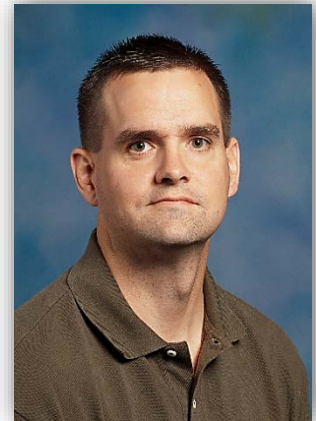
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Biography:

Dr. Roger Baldwin joined UCCE on July 1, 2013 as human-wildlife conflict resolution specialist. His research focuses on wildlife pest issues as they pertain to agriculture and natural areas with a special focus on integrated methods for controlling these pests.

Education:

Baldwin earned a Ph.D. in Range and Animal Science from New Mexico State University, an M.S. in Biology from The University of Memphis, and a B.S. in Wildlife Biology from Kansas State University.

Experience:

Before accepting his current position of human-wildlife conflict resolution specialist, Baldwin worked as a wildlife pest management advisor for the UC Statewide IPM program at the ANR Kearney Agricultural Research and Extension Center from June 2008 to June 2013.

Specialty:

- Wildlife Damage and Pest Management

Areas of Expertise:

- Ag Commodities and Products - General
- Wildlife
- Vertebrates, Mollusks, and Other (Non Arthropod, Pathogen, Nematode, Weed) Pests
- Integrated Pest Management Systems
- Natural Resources and Environment
- Aquatic and Terrestrial Wildlife

Web/Social Media Site:

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Biography:

Dr. Vonny Barlow joined UCCE on July 1, 2009 as entomology, IPM, and crop production advisor. Barlow is a native of California having grown up in San Jose. His background is in biological control and integrated pest management of invasive insect pests of crops.

Education:

Barlow completed a Ph.D. in Entomology at Virginia Polytechnic Institute and State University (Virginia Tech), an M.S. in Plant Protection and Pest Management at UC Davis, and a B.S. in Biological Sciences with special emphasis in Entomology at San Jose State University.

Experience:

Prior to joining UCCE, Barlow completed a post-doctoral research position at North Carolina State University where he was working on mating disruption of codling moth. His current research is on developing biological control and IPM of invasive insects and plants of field and forage agroecosystems: Particularly ones that integrate various tactics and strategies in a manner that is effective, economically feasible, and environmentally compatible.

Specialty:

- Bilingual in language(s) other than English: American Sign Language
- Integrated Biological Control and Integrated Pest Management in Forage, Field and Vegetable Crops

Areas of Expertise:

- Alfalfa
- Cotton - General
- Dates
- Vegetable Crops - General
- Plants and Their Systems
- Plant Biological Efficiency and Abiotic Stresses Affecting Plants
- Insects, Mites, and Other Arthropods Affecting Plants
- Biological Control of Pests Affecting Plants

Web/Social Media Site:

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Biography:

Dr. Travis Bean joined UCCE on September 1, 2014 as a Weed Science Specialist. His work focuses on 1) improving treatment efficacy and reducing unintended consequences of invasive and weedy plant control efforts, particularly from herbicides; 2) determining predictors of different phenological stages to identify opportunities for management; and 3) creating and adapting novel technologies to improve monitoring efficiency and track population growth.

Education:

Bean earned his B.S. in Plant Sciences, an M.S. in Range Management and a Ph.D. in Natural Resources from the University of Arizona.

Experience:

Prior to joining UCCE, Bean worked as a Research Specialist at the University of Arizona, where he coordinated regional management of the invasive buffelgrass (*Cenchrus ciliaris*) among several agencies and jurisdictions, and performed research aimed at improving chemical control. He has also designed, implemented and monitored two large-scale revegetation efforts to restore native plant communities on former agricultural lands in arid southwestern Arizona.

Specialty:

- Invasive plant ecology and management

Areas of Expertise:

- Natural Resc and Commodities - General
- Forest / Range / Wildlife Commodities / Habitats - General
- Range
- Basic Plant Biology
- Weeds Affecting Plants
- Biological Control of Pests Affecting Plants
- Integrated Pest Management Systems
- Forest and Range Resources
- Management of Range Resources
- Management and Control of Forest and Range Fires
- Natural Resources, General
- Conservation of Biological Diversity
- Natural Resources
- Pest Management/Diseases
- IPM
- Endemic Species
- Invasives
- Weeds
- Endemic and Invasive Pests and Diseases

Web/Social Media Site:

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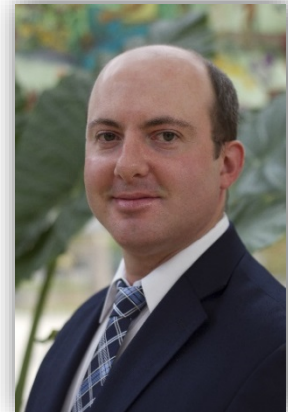


Photo by Chelsea Davis

Biography:

Rob Bennaton joined UCCE on September 4, 2013 as the Bay Area urban agriculture advisor and director of Alameda and Contra Costa counties.

Education:

Bennaton earned a B.S. in Biological Sciences and Economics from Fordham University and an M.S. in City and Regional Planning from Pratt Institute with a focus on Community Development and Environmental Planning. He also holds two certificates in Commercial Horticulture in Landscape Management and Plant Production and is a Horticultural Therapy Certificate Candidate.

Experience:

Bennaton has over 18 years of experience in horticulture/community development, habitat restoration and youth programming. Prior to UCCE, he was a Community Coordinator at the NYC Housing Authority's Garden and Greening Program where he increased program participation to over 3000 members supporting 743 gardens citywide, leveraged >\$4.5 million in-kind resources, and spearheaded the installation of NYCHA's first rainwater harvesting system. Previously, Bennaton worked as a Forester for NY's Department of Parks and Recreation on frontline ecological restoration of the Bronx River and local deciduous forests. Working with various non-profits, he has also taught youth/adult staff/volunteers stream bank/forest restoration, led AmeriCorps teams in organic vegetable production for donation to the homeless/AIDS patients and managed a farmer's market. He also spent 16 years supervising programming and staff on weekends at an interactive organic children's farm called the Howell Family Garden at the NY Botanical Garden.

Specialty:

- Group Participatory Design in Open Space Development
- Small Scale Food Production and Soil Quality/Resource Management
- Urban Habitat Restoration and Community Forestry
- Urban Community Development & Environmental Planning
- Community Environmental Projects Management including Environmental Education
- Soil Erosion Control & Compost Systems Management
- Horticultural Therapy, Landscape Management and Plant Production

Areas of Expertise:

- Urban Agriculture/Local and Regional Food Systems
- Languages Spoken: Spanish

Web/Social Media Site:

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James A. Bethke

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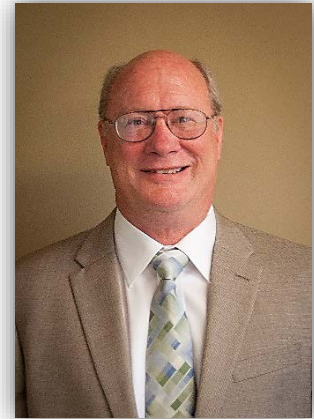
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Biography:

James Bethke joined UCCE on September 1, 2007 as floriculture and ornamental horticulture advisor and director of San Diego County. Bethke's program emphasizes the integrated pest management of major pests of floriculture and nursery production. He collaborates with regulators, growers, and other scientists on advisory committees that set policy based on science to address the serious impacts on the ornamental industry due to a series of invasive pests.

Education:

Bethke earned his M.S. and B.S. degrees in Entomology, both from UC Riverside, and an A.A. degree in Biology from Fullerton City College.

Experience:

Prior to joining UCCE, Bethke held a split appointment as a staff research associate in the Department of Entomology at UC Riverside and as floriculture farm advisor in San Diego County doing research and extension in the field of ornamental horticulture from June 2005 to September 2007. From 1985 to September 2007, Bethke worked as staff research associate in Dr. Michael Parrella's and Dr. Richard Redak's laboratories in the Department of Entomology at UC Riverside doing research on insects that attack ornamentals in nurseries and greenhouses.

Specialty:

- Effective use of Insecticides and Miticides and Pesticide Resistance
- Insect Biology, Behavior and Control
- Nurseries and Floriculture

Areas of Expertise:

- Beneficial Insects - Other
- Plant Commodities and Products
- Ornamental Crops, Landscape and Turf
- Arboreta and Botanical Gardens
- Cut Flowers, Foliage and Greens
- Potted Plants
- Woody Shrubs and Ornamental Vines
- Plants and Their Systems
- Insects, Mites, and Other Arthropods Affecting Plants
- Biological Control of Pests Affecting Plants
- Integrated Pest Management Systems
- Beneficial Insects
- Insects and Other Pests Affecting Humans
- Domestic Policy Analysis
- IPM
- Endemic Species
- Invasives
- Endemic and Invasive Pests and Diseases

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Biography:

Andre Biscaro joined UCCE on October 1, 2008 as Agriculture and Environmental Issues Advisor. Biscaro has expanded his geographic assignment to Ventura County in April 2014, where he works primarily with water and nutrient management in vegetables, berries and nursery crops.

Education:

Biscaro completed his M.S. in Agronomy and Soils from Auburn University in Alabama and earned his B.S. in Agronomy from the University of Sao Paulo, Brazil.

Experience:

Prior to joining UCCE, Biscaro consulted with Amyris Biotechnologies in Atmore, Ala., where he managed the planting of a sugar cane nursery field intended for biofuel production. In Brazil, Biscaro was involved in several research projects led by the University of Sao Paulo and worked for 18 months as a consultant for APagri, a soils and crop management consulting company, before starting his master's program at Auburn University.

Specialty:

- Language(s) other than English: Portuguese
- Soils Management
- Irrigation and Water Resources
- Precision Agriculture

Areas of Expertise:

- Soil, Plant, Water, Nutrient Relationships
- Management of Saline and Sodic Soils
- Conservation and Efficient Use of Water
- Hay
- Onions
- Soil
- Plants and Their Systems
- Geographic Information Systems
- Languages Spoken: Spanish
- Water Quality, Quantity, and Security
- Sustainable Food Systems

Web/Social Media Site:

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Biography:

Dustin Blakey joined UCCE on December 3, 2012 as farm advisor and director.

Education:

Blakey earned a B.S. in Plant Science from UC Davis and a M.S. in Horticulture from University of Arkansas.

Experience:

Blakey worked as a Cooperative Extension Agent for the University of Arkansas from 2002 to 2012. Based in Sebastian County, he oversaw the Master Gardener program and focused on urban horticulture, pesticides and fire ant management, as well as administered the county offices and 4-H program. In 1999 and 2000, the Lake County native worked with pears and apples as a pomology research associate with Rachel Elkins, UCCE advisor in Lake and Mendocino counties. He also has worked in retail and wholesale greenhouse production.

Specialty:

- Vertebrate Pest Control in Landscapes (Primarily Moles and Pocket Gophers)
- Raised Bed Gardening and Season Extension
- Urban Horticulture
- Cold-climate Fig Production

Areas of Expertise:

- Fruit Crops - General
- Ornamentals/Landscape/Turf - General
- Landscape - General
- Trees - Ornamental/Landscape/Shade
- Basic Plant Biology
- Vertebrates, Mollusks, and Other (Non Arthropod, Pathogen, Nematode, Weed) Pests
- Urban Agriculture/Local and Regional Food Systems
- Master Gardeners

Web/Social Media Site:

<http://ceinyo-mono.ucanr.edu>

Twitter: @dw_blakey

Lisa A. Blecker

*UC Agriculture & Natural Resources Academic Coordinator of the
Office of Pesticide Information & Coordination (OPIC)*

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lblecker@ucanr.edu



Biography:

Blecker joined ANR on August 1, 2011 as pesticide safety education program coordinator. On July 1, 2012, Lisa also assumed responsibility of the Office of Pesticide Information and Coordination (OPIC).

Education:

Blecker completed her M.A. in Bioagricultural Sciences and Pest Management from Colorado State University, in a joint program with the U.S. Peace Corps. She spent 2 years as a Peace Corps Volunteer in Panama during this Master's program and gained skills that have been invaluable to her career. She completed a B.A. in Environmental Sciences from New College of Florida.

Experience:

Prior to joining ANR, Blecker worked in the University of Nevada Cooperative Extension IPM Program for 3 years and in the University of Idaho IPM Center for 5 years. Lisa also worked with National Association of State Departments of Agriculture Research Foundation (NASDARF) to co-write the National Soil Fumigation Manual.

Specialty:

- Pesticide Safety Education
- Train-the-Trainer for Fieldworkers and Pesticide Handlers
- Coordinate and review ANR activities pertaining to pesticide research, experimentation and use
- Provide quality assurance of ANR publications recommending pesticide uses
- Continuing Education (CE) for private and commercial pesticide applicators
- Study material and exam development for commercial pesticide applicators

Areas of Expertise:

- Plant Protection
- Weeds Affecting Plants
- Integrated Pest Management Systems
- Ensure Food Products Free of Harmful Chemicals, Including Residues From Agricultural and Other Sources
- Hazards To Human Health and Safety
- Languages Spoken: Spanish
- Farmworker and Rural Community Wellbeing
- IPM
- Endemic and Invasive Pests and Diseases
- Sustainable Food Systems

Web/Social Media Site:

<http://www.ipm.ucanr.edu/>
<http://ucanr.edu/sites/OPIC/>

Virginia Bolshakova, MEd, Ph.D.

*UC Cooperative Extension Advisor in San Mateo County & The Bay Area
& Director of San Mateo-San Francisco Counties & Elkus Ranch*

Cooperative Extension San Mateo-San Francisco Counties

80 Stone Pine Road, #100

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vbolshakova@ucanr.edu



Biography:

Dr. Virginia Bolshakova joined UCCE on September 9, 2013 as area 4-H youth development advisor and director. Bolshakova was born and raised on a 450-acre pig and crop farm in southwestern Michigan where her parents still work with the land to this day. During these years living with her family on the farm, she learned about nature while her passion for people and the environment was nurtured as well as a keen awareness of the interdependency between people and nature was understood.

Education:

Bolshakova earned a Ph.D. in Ecology from Utah State University, a M.Ed. in Science Curriculum and Instruction from University of Toledo, and a B.S. in Biology with a Teaching Composite from State University of New York at Buffalo and Utah State University.

Experience:

For her dissertation, Bolshakova examined how climate and weather can impact an irruptive insect (the sagebrush defoliator; *Aroga websteri* Clarke) capable of wide-spread destruction on rangelands as well as how biodiversity (parasitoids and nectar resources) in an ecosystem can make communities more resilient to major disturbances, such as insect outbreaks. Her master's research focused on teacher and student interactions in the urban science classroom, particularly, examining how teacher practices impact students' self-efficacy or measurement of one's ability (self-awareness) to complete tasks and reach goals in science related activities. This research afforded her to work with urban middle school kids as a science teacher and educational specialist. Bolshakova's passion is to raise engagement of youth and communities in the scientific process, particularly to gain greater awareness of human and environmental connections as well as to strengthen the decision making process.

Specialty:

- Insect Ecology and Self-efficacy in STEM Pursuits

Areas of Expertise:

- Honey Bees, Honey and Bee Products
- Beneficial Insects - Other
- Range
- Biological Control of Pests Affecting Plants
- Integrated Pest Management Systems
- Beneficial Insects
- Program and Project Design, and Statistics
- Communication, Education, and Information Delivery
- Youth Development
- Weather and Climate
- Conservation of Biological Diversity
- Harnessing Ecosystem Services
- Youth Development
 - 4-H Program
 - SET
- Organic
- Small Farms
- Sustainable Natural Ecosystems
- Science Literacy in Natural Resources, Agriculture, and Nutrition
- Sustainable Food Systems

Web/Social Media Site:

<http://cesanmateo.ucanr.edu>

www.facebook.com/elkusranch

<http://ucanr.edu/blogs/insectconnections>

Kelley Brian, MPH

UC Cooperative Extension Advisor in Placer & Nevada Counties

Cooperative Extension Placer County

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Auburn, CA 95603

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kmbrian@ucanr.edu



Biography:

Kelley Brian joined UCCE on September 15, 2014 as area youth, families and communities advisor.

Education:

Brian earned a Master in Public Health from Colorado State University where she conducted a pilot study with youth at a local community garden to determine the effectiveness of a gardening education program on youth's emotions toward and knowledge about gardens. Developing and implementing the gardening program opened her eyes to the influential role gardens can play in hands-on learning for youth to promote nutrition, community, and active living. Brian completed her B.S. in Nutrition from California Polytechnic State University, San Luis Obispo.

Experience:

Prior to joining UCCE, Brian worked as a program representative for UC Davis Department of Nutrition since July 2013 where she continued work on the Shaping Healthy Choices Program (SHCP). This was a research project that began in April 2012 when Brian worked as a program representative for UCCE Sacramento County, providing nutrition education to fourth grade students through facilitation of inquiry-based curriculum activities in the classroom and school garden; developing and integrating cooking demonstrations into classroom lessons and school site activities; assisting with data collection and program coordination; and collaborating with the large project team including UCCE Advisors, Specialists, and 4-H curriculum writers.

Specialty:

- Experiential Learning
- Garden-enhanced Nutrition Education
- Program and Curriculum Development

Areas of Expertise:

- Nutrition Education and Behavior
- Obesity Prevention
- Healthy Lifestyle
- Youth Development

Web/Social Media Site:

<http://ceplacer.ucanr.edu/>

Lyn (Rebecca) Brock, MA, RD

*UC Cooperative Extension Academic Coordinator of the UC
Nutrition Education Professional Development Program*

Cooperative Extension San Joaquin County
2101 East Earhart Avenue
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Stockton, CA 95206
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rlbrock@ucanr.edu



Biography:

Lyn (Rebecca) Brock joined UCCE on November 13, 2012 as the statewide nutrition education professional development coordinator.

Brock provides overall direction to the UCCE Nutrition Education Programs to coordinate and evaluate the training and professional development programs for nutrition-related competencies, including Expanded Food and Nutrition Education Program (EFNEP) and UC CalFresh Nutrition Education Program.

Education:

Brock earned a B.S. in dietetics from UC Davis and an M.A. in education, with an emphasis in multilingual/multicultural education, from CSU Stanislaus. She has been a Registered Dietitian since 1985.

Experience:

From 2004 until joining UCCE, Brock was an adjunct professor of nutrition at American River College in Sacramento and at San Joaquin Delta College in Stockton since 2005. She worked as a dietary consultant, location manager and clinical dietitian at health care facilities from 1985 to 2002.

Specialty:

Areas of Expertise:

- Nutrition Education

Web/Social Media Site:

<http://cesanjoaquin.ucanr.edu>

Philip Brownsey

UC Agriculture & Natural Resources Academic Coordinator

Sierra Foothill Research and Extension Center

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Browns Valley, CA 95918

(530) 639-8807

pbrownsey@ucanr.edu



Biography:

Philip Brownsey joined ANR on July 1, 2014 as the rangeland restoration academic coordinator.

Education:

Brownsey earned his B.A. in Economics from Colby College and an M.S. in Range Management from UC Berkeley.

Experience:

Prior to joining UCCE, Brownsey worked as a rangeland management specialist at USDA Forest Service since July 2009. He administered grazing permits and plans, managed the invasive plant program, supervised seasonal staff, worked with partner organizations and analyzed and assessed environmental condition data. From 2006 to 2008, Brownsey worked as a graduate student researcher at UC Berkeley supporting grassland research projects in the East Bay Regional Park District, California State Parks and ANR Sierra Foothill Research and Extension Center, and assisting with grazed meadow research in the Sierra Nevada through field data sampling and sampling design. Previously, he worked as an economic analyst at Horst Frisch Incorporated, providing analytic support to corporations and sovereign tax authorities on international tax and trade issues.

Specialty:

Areas of Expertise:

- Watershed Protection and Management
- Soil, Plant, Water, Nutrient Relationships
- Management of Range Resources
- Conservation of Biological Diversity
- Economics of Agricultural Production and Farm Management
- Natural Resource and Environmental Economics
- Invasives
- Weeds
- Sustainable Natural Ecosystems

Web/Social Media Site:

<http://ucanr.edu/sites/sfrec/>

Van Butsic, Ph.D.

UC Cooperative Extension Specialist in the Department of Environmental Science, Policy & Management at UC Berkeley

Dept. of Environmental Science, Policy & Management

UC Berkeley

130 Mulford Hall, MC 3114

Berkeley, CA 94720

(51) 666-5400

vanbutsic@berkeley.edu



Biography:

Dr. Van Butsic joined UCCE on July 1, 2013 as land use change specialist.

Education:

Butsic earned a Ph.D. in Forestry and an M.S. in Agricultural and Applied Economics, both from University of Wisconsin-Madison, and a B.S. in Economics from Reed College.

Experience:

Prior to joining UCCE, Butsic worked as Alexander von Humboldt post-doctoral Fellow in the Geography Department of Humboldt University–Berlin, in Berlin, Germany.

Specialty:

- Land Use Science
- Policy Analysis
- Simulation Model
- Econometrics

Areas of Expertise:

- Natural Resc and Commodities - General
- Parks/Campgrounds/Urban Greenspace
- Land
- Forest/Range/Wildlife Commodities/Habitats - General
- Natural Resources, General
- Alternative Uses of Land
- Weather and Climate
- Pollution Prevention and Mitigation
- Outdoor Recreation
- Aquatic and Terrestrial Wildlife
- Conservation of Biological Diversity
- Economics, Markets, and Policy
- Economics of Agricultural Production and Farm Management
- Management, Finance, and Taxation
- Marketing and Distribution Practices
- Natural Resource and Environmental Economics
- International Trade and Development
- Consumer Economics
- Community Resource Planning and Development
- Economic Theory and Methods
- Domestic Policy Analysis
- Foreign Policy and Programs
- Geographic Information Systems
- Nutrients and Water in Agricultural Landscapes
- Harnessing Ecosystem Services
- Sustainable Natural Ecosystems
- Water Quality, Quantity, and Security
- Sustainable Food System

Web/Social Media Site:

http://ourenvironment.berkeley.edu/people_profiles/van-butsic/

Dong-Hwan Choe, Ph.D.

UC Cooperative Extension Specialist & Assistant Professor in the Department of Entomology at UC Riverside

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University of California
Room 382
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DongHwan.Cho@ucr.edu



Biography:

Dr. Dong-Hwan Choe joined UCCE on November 1, 2011 as an assistant cooperative extension specialist and assistant professor in the Department of Entomology at UC Riverside, specializing in urban / structural pest management. Choe's research focuses on three major areas: urban entomology, insect behavior, and chemical ecology. In particular, his research has focused on exploring innate and learned behaviors of economically or environmentally important insect species to develop more effective integrated pest management (IPM) programs. Subjects of current work include the use of insect semiochemicals for urban ant IPM, bed bug detection and control, development of reduced-risk IPM strategies with minimal off-site contamination, and development of web-based resource for urban pest management.

Education:

Choe earned his B.A. in Agricultural Biology from Korea University and an M.S. and Ph.D. in Entomology, both from UC Riverside.

Experience:

Prior to joining UCCE, Choe worked as postdoctoral researcher in the Department of Environmental Science, Policy, and Management at UC Berkeley.

Specialty:

- Bilingual in language(s) other than English: Korean
- Urban / Structural Entomology
- Insect Behavior
- Chemical Ecology

Areas of Expertise:

- Parks and Urban Green Space
- Parks / Campgrounds / Urban Greenspace
- Integrated Pest Management Systems
- Urban Agriculture/Local and Regional Food Systems
- Research and Extension Centers
- Water
- Pest Management/Diseases
- IPM
- Endemic Species
- Invasives
- Endemic and Invasive Pests and Diseases
- Water Quality, Quantity, and Security
- Science Literacy in Natural Resources, Agriculture, and Nutrition

Web/Social Media Site:

<http://urbanpest.ucr.edu/>
<https://www.facebook.com/UCRUrbanPest>
<http://entomology.ucr.edu/faculty/Choe.html>

Nicholas Clark

UC Cooperative Extension Advisor for Kings, Tulare & Fresno Counties

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Hanford, CA 93230
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neclark@ucanr.edu



Biography:

Nicholas Clark joined UCCE on August 6, 2014, as a laboratory assistant in Tulare County. On March 13, 2015, he was appointed staff research associate in Tulare County. On October 26, 2015, Clark was appointed area agronomic cropping systems/nutrient management advisor.

Education:

Clark completed an M.S. in Plant Science from California State University, Fresno, and a B.A. in Cultural Anthropology from UC Santa Cruz.

Experience:

As a staff research associate, Clark assisted in the Fusarium Wilt of Cotton disease (FOV) resistance breeding program and field trials in four sites (Shafter, Bakersfield, Tipton and Parlier) over two growing years, working with local growers, USDA ARS and international stakeholders. He organized and conducted full greenhouse operations including seed-to-seed production of novel Pima, Upland, and interspecific cotton germplasms and breeding families; and nutrient management, irrigation management and pest management. Prior to joining ANR, Clark was working as a biological science technician for USDA ARS from 2012-2014, where he had designed a greenhouse, plant growth chamber, bacteriological and DNA sequence experiments; statistically analyzed research results; and maintained greenhouse tomato nutrition, pest control and irrigation.

Specialty:

- Bacterial and fungal diseases of plants
- Field Crops

Areas of Expertise:

- Forage Crops
- Cotton - General
- Grains - General
- Potatoes, Irish
- Tomatoes - General
- Pathogens and Nematodes Affecting Plants
- Languages Spoken: Spanish
- IPM
- Weeds

Web/Social Media Site:

<http://cekkings.ucanr.edu/>
<http://cetulare.ucanr.edu/>
<http://cefresno.ucanr.edu/>

Monica Cooper, D.P.M.

UC Cooperative Extension Advisor in Napa County

UC Cooperative Extension Napa County

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Napa, CA 94559-1315

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mlycooper@ucanr.edu



Biography:

Dr. Monica Cooper joined UCCE on April 1, 2009 as viticulture advisor. She served as director of Napa County from 2009-2011.

Education:

Cooper earned a B.S. in Biology from Washington and Lee University, then volunteered in the Peace Corps in an agrarian community in Panama. In 2006, she earned a Doctor of Plant Medicine (Pest Management) from University of Florida.

Experience:

Prior to joining UCCE, Cooper worked as a Staff Research Associate at UC Berkeley on the development and evaluation of IPM for arthropod pests in vineyards, apples and olives. A primary focus of her efforts was the development of novel Argentine ant management programs. Cooper's work was instrumental in the development of a liquid bait program for sugar-feeding ants, based on the evaluation of insecticide materials, ant biology and economics. Cooper also contributed to the development of IPM programs for vine mealybug using tools such as ant bait, mating disruption, biological control and the judicious use of insecticides.

Specialty:

- Viticulture and Pest Management

Areas of Expertise:

- Wine Grapes
- Plants and Their Systems
- Plant Management Systems
- Insects, Mites, and Other Arthropods Affecting Plants
- Pathogens and Nematodes Affecting Plants
- Integrated Pest Management Systems
- Biological Control of Pests Affecting Plants
- Natural Resources and Environment
- Conservation and Efficient Use of Water
- Languages Spoken: Spanish

Web/Social Media Site:

<http://cenapa.ucanr.edu>

Vineyard Views newsletter: http://cenapa.ucanr.edu/news_970/Vineyard_Views/

Jeff Dahlberg, Ph.D.

UC Agriculture & Natural Resources Director of Kearney Agricultural Research & Extension Center

Kearney Agricultural Research and Extension Center

9240 S. Riverbend Avenue

Parlier, CA 93648

(559) 646-6060/ Mobile: (559) 305-3555 (NO text messages)

jadahlberg@ucanr.edu



Biography:

Dr. Jeff Dahlberg joined ANR on January 3, 2011 as the director of Kearney Agricultural Research and Extension Center.

Education:

Dahlberg earned a Ph.D. in Plant Breeding and Genetics from Texas A&M University, an M.S. in Agronomy and Plant Genetics from University of Arizona, and a B.A. in Biology from Occidental College in Los Angeles.

Experience:

Prior to joining ANR, Dahlberg served since 1999 as research director for the National Sorghum Producers and as the research director for the United Sorghum Checkoff Program. He conducts and publishes sorghum research and has worked to develop sorghum use in the biofuels and renewable industries and food industry. He was the recipient of a \$984,000 U.S. Department of Energy grant to study the composition of sorghum and for its potential of cellulosic conversion to biofuel. He was also one of the founding members of the Whole Grains Council that has promoted the consumption of whole grains in the American diet. Dahlberg has worked for USDA Agricultural Research Service in Puerto Rico as a research geneticist and sorghum curator for seven years. He also served as a U.S. Peace Corps volunteer for three years in the Republic of Niger.

Specialty:

- Bilingual in language(s) other than English: Speak French

Areas of Expertise:

- Ag Commodities and Products - Other
- Livestock and Dairy - General
- Plant Cmmdtys and Prod - Other
- Field Crops - Other
- Grasses, Annual
- Silage and Green Chop
- Forage Crops - Other
- Sorghum, Grain
- Water
- Plant Production
- Plant Genome, Genetics, and Genetic Mechanisms
- Plant Genetic Resources
- Plant Biological Efficiency and Abiotic Stresses Affecting Plants
- Plant Product Quality and Utility (Preharvest)
- Plant Management Systems
- Basic Plant Biology
- Pathogens and Nematodes Affecting Plants
- Non-Food
- New and Improved Non-Food Products and Processes
- Quality Maintenance in Storing and Marketing Non-Food Products
- New and Improved Food Products
- Protect Food From Contamination By Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
- Healthy Lifestyle
- Nutrient Composition of Food
- Requirements and Function of Nutrients and Other Food Components
- Conservation and Efficient Use of Water
- Foreign Policy and Programs

Web/Social Media Site:

<http://www.kare.ucanr.edu>

<https://www.facebook.com/jeff.dahlberg.39>

Ruth Dahlquist-Willard, Ph.D.

UC Cooperative Extension Advisor in Fresno & Tulare Counties

UC Cooperative Extension Fresno County

550 E. Shaw Avenue, Suite 210-B

Fresno, CA 93710

(559) 241-7515

rdahlquistwillard@ucanr.edu



Biography:

Dr. Ruth Dahlquist-Willard joined UCCE on July 1, 2014 as small farms advisor. She has a strong background in integrated pest management, and believes that collaboration among disciplines is necessary in order to address the complex issues facing small farms in the Central Valley.

Education:

Dahlquist-Willard earned her Ph.D. in Entomology from University of Idaho and the Centro Agronómico Tropical de Investigación y Enseñanza (CATIE), Costa Rica, in an interdisciplinary joint doctoral program. Her dissertation research was conducted in Costa Rica, where she studied alternatives to pesticides for management of the banana weevil in small-scale banana and plantain farms. Dahlquist-Willard has completed postbaccalaureate coursework in entomology, crop science, and integrated pest management at California State Polytechnic University, Pomona, after earning her B.S. in Biology from UC Los Angeles.

Experience:

Prior to joining UCCE, Dahlquist-Willard worked as an assistant professor of Biology at Fresno Pacific University since 2008. During this time, she conducted research with undergraduate students on combining soil solarization with compost amendment for increased efficacy of weed control. From 2001 to 2002, she completed an internship at Educational Concerns for Hunger Organization (ECHO), a nonprofit organization that offers training in small-scale tropical agriculture, during which time she managed part of ECHO's demonstration farm, including pest management, weeding, irrigation, and fertilizer application. Dahlquist-Willard worked as an associate agricultural inspector in Los Angeles County in 1999 where she became familiar with quarantines, treaties, food quality standards, the movement of produce around the world, invasive pests, and traditional crops from various cultures. In 1998, she also worked as laboratory assistant at ANR Kearney Agricultural Research and Extension Center, conducting laboratory and field experiments on soil solarization for weed control.

Specialty:

- Interdisciplinary research to address challenges in small-scale agriculture

Areas of Expertise:

- Plant Protection
 - Insects, Mites, and Other Arthropods Affecting Plants
 - Weeds Affecting Plants
 - Biological Control of Pests Affecting Plants
 - Integrated Pest Management Systems
 - Beneficial Insects
- Community Development
- Languages Spoken: Spanish
- Research and Extension Centers
- Agriculture
 - Organic
 - Small Farms
- Pest Management/Diseases
 - IPM

Web/Social Media Site:

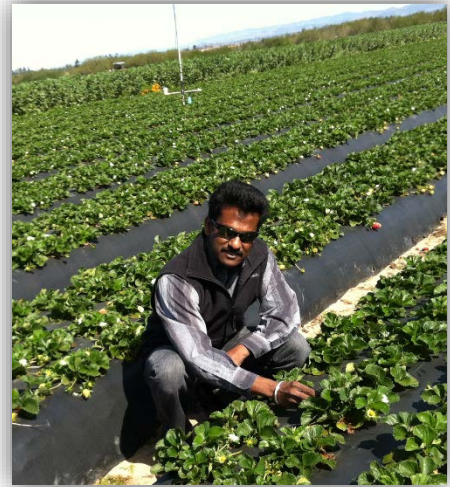
<http://cefresno.ucanr.edu/>

<http://cetulare.ucanr.edu/>

Surendra Dara, Ph.D., DAIT

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Santa Barbara & Ventura Counties*

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San Luis Obispo, CA 93401
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skdara@ucanr.edu



Biography:

Dr. Surendra Dara joined UCCE on January 8, 2009 as strawberry and vegetable crops advisor. He is also a member of the Statewide IPM Program as an Affiliated IPM Advisor. Dara focuses his research on developing IPM solutions for various pests. He specializes in microbial control of arthropod pests and has extensive experience in entomopathology. Dara is also involved in developing good agricultural practices through improved irrigation, nutrition, pest, weed, and disease management.

Education:

Dara earned his bachelor's degree in Agricultural Sciences and a master's in Entomology from Andhra Pradesh Agricultural University and a Ph.D. in Entomology from Virginia Tech. He also has a postgraduate diploma in Applied Information Technology from Canada, where he worked as an independent software consultant.

Experience:

Prior to joining UCCE, Dara worked in the biopesticide industry, at UC Davis, University of Houston, and the International Institute of Tropical Agriculture where he worked with multiple pests on various crops.

Specialty:

- Bilingual in language(s) other than English: Telugu
- Strawberries, Vegetables, and Other Crops
- Entomology in Santa Barbara, San Luis Obispo, and Ventura Counties
- Plant Pathology in Strawberries and Vegetable Crops

Areas of Expertise:

- Strawberries
- Vegetable Crops - General
- Plants and Their Systems
- Insects, Mites, and Other Arthropods Affecting Plants

Web/Social Media Site:

<http://cesantabarbara.ucanr.edu>
<http://cesanluisobispo.ucanr.edu>
[http://cesantabarbara.ucanr.edu/Strawberry Production/](http://cesantabarbara.ucanr.edu/Strawberry_Production/)
<http://ucanr.edu/strawberries-vegetables>
<http://ucanr.edu/pestnews>
Newsletter: <http://ucanr.edu/ccah>
Twitter: @calstrawberries and @calveggies
Facebook: www.facebook.com/strawberriesvegetables

Matthew Daugherty, Ph.D.

UC Cooperative Extension Specialist in the Department of Entomology at UC Riverside

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UC Riverside
100 Chapman Hall
Riverside, CA 92521
(951) 827-2246
matt.daugherty@ucr.edu



Biography:

Dr. Matthew Daugherty joined UCCE on February 1, 2009 as a specialist in invasive arthropod ecology. Daugherty is a native of Napa, where he grew up working on a small family vineyard as well as at larger commercial vineyards. Since arriving at UC Riverside, he has initiated studies of the invasion biology and epidemiology of vector-borne plant diseases and the community-wide impacts of invasive plants in desert ecosystems. Daugherty's extension activities focus on the impact of invasive species, especially at the interface between urban and natural or agroecosystems.

Education:

Daugherty earned his B.S. in Biological Sciences from UC Davis, an M.S. in Biological Sciences from Illinois State University, and a Ph.D. in Integrative Biology from UC Berkeley.

Experience:

Prior to joining UCCE, Daugherty, over the course of his undergraduate and graduate education, worked throughout the state on a variety of projects related to applied insect population and community ecology. Daugherty has studied extensively the transmission biology and epidemiology of the glassy-winged sharpshooter and Pierce's disease in vineyards. More recently he has begun to investigate the ecology and management of the Asian citrus psyllid and Huanglongbing disease.

Specialty:

- Population Biology, Community Ecology, Disease Ecology, Invasion Biology, Pest and Disease Management
- Biostatistics, Ecological Modeling

Areas of Expertise:

- Grapes - General
- Citrus - General
- Plants and Their Systems
- Insects, Mites, and Other Arthropods Affecting Plants
- Pathogens and Nematodes Affecting Plants
- Integrated Pest Management Systems
- Pest Management/Diseases
- IPM
- Endemic Species
- Invasives
- Weeds
- Sustainable Natural Ecosystems
- Endemic and Invasive Pests and Diseases

Web/Social Media Site:

<http://faculty.ucr.edu/~mattd/>
<http://cizr.ucr.edu/temeculagwss/>
<http://cizr.ucr.edu/urbanACP/>

Sandra Derby

*UC Agriculture & Natural Resources Academic Coordinator
of the California Project Learning Tree Program*

Youth, Families and Communities Statewide Program

2801 Second Street

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stderby@ucanr.edu



Biography:

Sandra Derby joined UC ANR on April 15, 2013 as a new academic coordinator within the Youth, Families, and Communities Initiative.

Acting as CA Project Learning Tree State Coordinator, Sandra works to support the initiatives goals. PLT is an international, award-winning environmental education program created 35 years ago that is designed for teachers and other educators, parents, and community leaders working with youth from preschool through grade 12. Mike De Lasaux, the UCCE advisor in Plumas and Sierra counties for natural resources, is the principal investigator for this grant-funded project with CAL FIRE. For the past 28 years, California PLT has been a CAL FIRE program. UCCE PLT is housed in ANR’s Youth, Families and Communities program, enabling Sandra to connect and collaborate with Youth Development advisors and specialists. Sandra also collaborates with the Research and Extension Centers, UC education departments and UC Natural Reserve System sites.

Education:

Derby earned a B.A. in Environmental Studies/Biology from UC Santa Cruz and a M.S. in Ecological Teaching and Learning from Lesley University in Cambridge, Mass.

Experience:

Derby worked 10 years as a science resource teacher and has worked for the past 15 years in non-formal inquiry-based science education as the environmental education manager and BioSITE (Students Investigating Their Environment) program director for Children’s Discovery Museum of San Jose. She has focused her years of experience on creating innovative environmental education curricula and programs while building effective partnerships sharing the vision of high quality ecological learning for all students.

Specialty:

- Trainer for Salmon and Trout Education Program
- Participant in the Bay Area Environmental Education Evaluation Peer Cluster
- Board member of California Environmental Education Foundation

Areas of Expertise:

- Conservation and Efficient Use of Water
- Watershed Protection and Management
- Youth Development
- Community Development
- SET
- Sustainable Natural Ecosystems
- Healthy Families and Communities

Web/Social Media Site:

<http://www.plt.org>

http://www.fire.ca.gov/communications/communications_teacherstools_plt.php

Ryan DeSantis, Ph.D.

UC Cooperative Extension Advisor in Shasta, Trinity & Siskiyou Counties

Cooperative Extension Shasta County
1851 Hartnell Avenue
Redding, CA 96002-2217
(530) 224-4900
rdesantis@ucanr.edu



Biography:

Dr. Ryan DeSantis joined UCCE on November 30, 2012 as forestry and natural resources advisor.

Education:

DeSantis earned a Ph.D. in Natural Resource Ecology and Management from Oklahoma State University, an M.S. in Applied Ecology from Michigan Technological University, and a B.S. in Forestry from the University of New Hampshire.

Experience:

Before joining UCCE, DeSantis was a postdoctoral research associate with the University of Missouri Department of Forestry at the USDA Forest Service Northern Research Station in Saint Paul, Minnesota. His graduate and postdoctoral research focused on factors that affect forest stand structure and composition, such as fire, insects and climate.

Specialty:

- Disturbance Ecology
- Fire
- Dendrochronology
- Oak Ecology
- Pine Ecology
- Entomology

Areas of Expertise:

- Hardwoods
- Softwoods / Conifers
- Insects, Mites, and Other Arthropods Affecting Plants
- Hazards To Human Health and Safety
- Conservation of Biological Diversity
- Hardwood Rangelands
- Invasives
- Sustainable Natural Ecosystems
- Endemic and Invasive Pests and Diseases
- Science Literacy in Natural Resources, Agriculture, and Nutrition

Web/Social Medial Site:

<http://ceshasta.ucanr.edu>
<http://ucanr.org/sites/forestry>

Claudia P. Diaz Carrasco

UC Cooperative Extension Advisor in Riverside & San Bernardino Counties

Cooperative Extension Riverside County
21150 Box Springs Road, Suite 202
Moreno Valley, CA 92557-8718
(951) 683-6491
cpdiaz@ucanr.edu



Biography:

Claudia P. Diaz Carrasco joined UCCE on October 13, 2014 as a 4-H youth development advisor.

Education:

Diaz Carrasco earned her B.S. in Food Industry Engineering from Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM), Querétaro, Mexico, an M.S. in Management and Marketing from Universidad Popular Autónoma del Estado de Puebla (UPAEP), Puebla, Mexico, and a Master of Agriculture in International Agriculture from Oklahoma State University.

Experience:

Prior to joining UCCE, Diaz Carrasco was a graduate student assistant for one year at Oklahoma State University, where she gained experience while working on food security and competitiveness projects in both Mexico and the USA, and assisting the Director in her master's program in administrative, research and creative activities. She facilitated communication with Mexican Partner Universities and coordinated outreach and promotional missions to other universities. As a graduate assistant at UPAEP, Mexico, she coordinated research and community outreach projects, mediated communication between stakeholders of the projects, researched grant opportunities, and prepared grant proposals. As an undergraduate student, she founded the Les Mills Student Organization with the mission to promote healthy living throughout campus students, faculty and staff. Also, she was trained as an Instructor of Programa Aguilas de Mexico, the largest leadership program at her University whose mission is to contribute to individual personal development, in order that each person becomes the best human being they can be through their own actions. After the training, she participated actively during the organization and execution of the freshman orientations, several leadership workshops and teamwork enhancing activities. Diaz Carrasco worked as a camp counselor for a year at Pena Grande, a Mexican Private Camp, where she served as positive role model for youth, assumed responsibility of safety up to 150 campers, and calculated, organized, and supervised the camp materials. There, she was awarded "Counselor of the Year."

Specialty:

- Competitiveness and Economic Development

Areas of Expertise:

- Community Food Security
- 4-H Program
- International Trade and Development
- Languages Spoken: Spanish

Web/Social Media Site:

<http://ceriverside.ucanr.edu/>

<http://cesanbernardino.ucanr.edu/>

L. Karina Díaz Rios, Ph.D.

UC Cooperative Extension Specialist in Nutrition, Family & Consumer Sciences at UC Merced

Health Sciences Research Institute

UC Merced

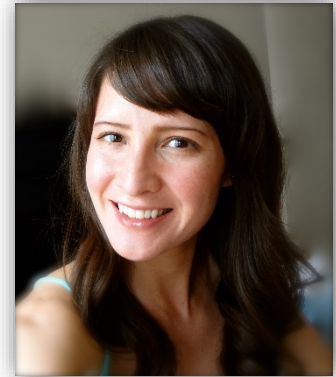
5200 N. Lake Road

388 Science and Engineering Building I

Merced, CA 95343

(217) 552-6336

kdiazrios@ucanr.edu



Biography:

Dr. Karina Díaz Rios joined UCCE on September 2, 2014 as a specialist in nutrition, family and consumer sciences based at UC Merced Health Sciences Research Institute.

Education:

Díaz Rios completed a Ph.D. in Nutritional Sciences at the University of Illinois, Urbana-Champaign. Her dissertation topic was “*Improving Eating Behavior through Nutrition Education for Early Prevention of Obesity and Type 2 Diabetes in Hispanic Communities.*” She earned a M.S. in Medical Sciences and a B.S. in Nutrition from University of Guanajuato in León Gto., México.

Experience:

Prior to joining UCCE, Díaz Rios was a post-doctoral research associate at Texas Tech University for one year, during which she coordinated a nutrition and cooking program part of the East Lubbock Promise Neighborhood program funded by the U.S. Department of Education. Her experience on participatory research includes revising and developing theory-based culturally sensitive curricula and evaluations, coordinating data collection, and training educators. She has mentored graduate students on research methods and grant writing, and taught college-level courses. She was also a nutrition education graduate assistant (2011 – 2013), training nutrition peer educators and delivering outreach programs to college audiences. She used to hold a private practice as a dietitian in her home country.

Specialty:

- Theory-framed culturally-sensitive nutrition education
- Evaluation of nutrition education programs

Areas of Expertise:

- Human Health
 - Healthy Lifestyle
- Human Nutrition
 - Nutrition Education and Behavior
 - Obesity Prevention
- Families, Youth, and Communities
 - Human Development and Family Well-Being
- Languages Spoken: Spanish

Web/Social Media Site:

<http://cemerced.ucanr.edu>

Twitter handle: <https://twitter.com/harinitta>

Jairo Diaz-Ramirez, Ph.D.

UC Agriculture & Natural Resources Director of Desert Research & Extension Center

Desert Research & Extension Center
UC Agriculture & Natural Resources
1004 East Holton Road
Holtville, CA 92250
(760) 356-3065
jdiazr@ucanr.edu



Biography:

Dr. Jairo Diaz-Ramirez joined ANR on October 1, 2015 as the director of Desert Research and Extension Center.

Education:

Diaz-Ramirez completed his Ph.D. and M.S. in Civil Engineering with specialization in water resources, from Mississippi State University and from University of Puerto Rico, respectively. He earned his B.S. in Agricultural Engineering with a focus in soil and water conservation from National University of Colombia.

Experience:

Prior to joining ANR, Diaz-Ramirez was serving as a director and assistant professor at Alcorn State University where he was responsible for the management and operation of the Mississippi River Research Center – Center for Ecology and Natural Resources. He oversaw the creation and execution of the strategic plan for research, education, public outreach and potential industrial activities. Diaz-Ramirez was lead research team member; principal investigator and program leader for the Environmental Science program; and taught undergraduate and graduate courses. From 2009 to 2012, Diaz-Ramirez was assistant research professor at Mississippi State University, Department of Civil and Environmental Engineering, where he served as co-principal investigator, co-developed the Low Impact Development Implementation Assessment Tool – LIDIA, and taught undergraduate and graduate courses.

Specialty:

- Watershed modeling
- Soil and water conservation

Areas of Expertise:

- Water
- Soil and Land
- Soil and Land - General
- Soil
- Land
- Soil and Land - Other
- Watersheds and River Basins
- Watersheds and River Basins - General
- River Basins
- Watersheds
- Watersheds and River Basins - Other
- Water
- Conservation and Efficient Use of Water
- Watershed Protection and Management
- Soil, Plant, Water, Nutrient Relationships
- Drainage and Irrigation Systems and Facilities
- Geographic Information Systems
- Languages Spoken: Spanish
- Nutrients and Water in Agricultural Landscapes
- Responding To Climate Change
- Research and Extension Centers
- Water Quality, Quantity, and Security

Web/Social Media Site:

<http://drec.ucanr.edu/>

David Doll

UC Cooperative Extension Advisor in Merced County

UC Cooperative Extension Merced County

2145 Wardrobe Avenue

Merced, CA 95341-6445

(209) 385-7403

dadoll@ucanr.edu



Biography:

David Doll joined UCCE on March 15, 2008 as horticulture (orchard crops/pomology) advisor. He has established multiple research projects within his assigned commodities of almonds, pistachios, and walnuts which include comparison of multiple rootstock lines, etiology, epidemiology, and management of soilborne and wood canker diseases, and soil fumigant alternatives. Observations from Doll's farm visits and research findings are often shared at his website, "The Almond Doctor," which is one of the longest continuously updated blogs within the ANR (est June, 2009).

Education:

Doll earned his B.S. in Plant Biology from Purdue University and an M.S. degree in Plant Pathology from UC Davis.

Experience:

Prior to joining UCCE, Doll worked as a Junior Specialist under the direction of Greg T. Browne, Department of Plant Pathology at UC Davis.

Specialty:

- Almonds, Pistachios, Walnuts, and Urban Forestry

Areas of Expertise:

- Nut Crops
- Almonds
- Pistachios
- Walnuts
- Woody Shrubs and Ornamental Vines
- Horticulture
- Plants and Their Systems
- Pathogens and Nematodes Affecting Plants
- Natural Resources and Environment
- Conservation and Efficient Use of Water
- Soil, Plant, Water, Nutrient Relationships
- Urban Forestry
- Master Gardeners
- Agriculture
- Endemic and Invasive Pests and Diseases
- Sustainable Food Systems

Web/Social Media Site:

<http://cemerced.ucanr.edu>

<http://www.thealmonddoctor.com>

Twitter: @thealmonddoctor

Irwin Donis-González, Ph.D.

UC Cooperative Extension Specialist in the Department of Biological & Agricultural Engineering at UC Davis

Department of Biological and Agricultural Engineering
University of California
3024 Bainer Hall
Davis, California 95616
(530) 752-8986
irdonisgon@ucdavis.edu



Biography:

Dr. Irwin Donis-González joined ANR on October 15, 2015 as a Cooperative Extension postharvest systems engineering specialist in the Department of Biological and Agricultural Engineering at UC Davis. He will focus on postharvest engineering, handling (storage, drying, etc.), traceability, and processing of agricultural commodities with a goal of reducing energy consumption while ensuring food quality and safety.

Education:

Donis-González completed a Licentiate degree in Agricultural Engineering (bachelor's degree) from the Del Valle University of Guatemala. From Michigan State University, he earned a M.Sc. in Plant Pathology and Ph.D. in Biosystems and Agricultural Engineering.

Experience:

Dr. Irwin Donis-González's passion for agriculture and postharvest technologies began in the years 2004 in his native Guatemala, working as an independent agro consultant upon earning his Bachelor's and Licentiate degree in Agricultural Engineering. Wanting to pursue advanced training in postharvest management, he went to earn his M.Sc. degree as a Fulbright Scholar. Using chestnuts as a model, he was instrumental in reducing the microbial contamination in fresh and processed foods by directly overseeing the postharvest management/storage of chestnuts throughout the state of Michigan. He then went on to earn his Ph.D. to further the use of non-destructive sensing technologies to assess the internal attributes of fruits, chestnuts, and vegetables. Dr. Donis was previously working as a postdoctoral associate at MSU addressing challenges for agro-based industries in the State of Michigan.

Specialty:

- Bilingual in language(s) other than English: Spanish (Native language), Portuguese (Basic command)
- Technical: Interpretation and Implementation of HACCP, CAFE Practices and Starbucks certification programs, ISO-9000 (Quality management), ISO-22000:2005 (Food safety management systems) and ISO-14000 (Environmental management) among others
- Statistical & Programming Applications: R-cran, OsiriX, ImageJ and MATLAB

Areas of Expertise:

- Plant Cmmdtys and Prod – General
- Food
- New and Improved Food Processing Technologies
- Quality Maintenance in Storing and Marketing Food Products
- Food Safety
- Ensure Food Products Free of Harmful Chemicals, Including Residues From Agricultural and Other Sources
- Protect Food From Contamination By Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
- Water
- Conservation and Efficient Use of Water
- Agricultural, Natural Resource and Biological Engineering
- Engineering Systems and Equipment
- Instrumentation and Control Systems
- Languages Spoken: Spanish

Web/Social Media Site:

<http://bae.engineering.ucdavis.edu/>
<http://postharvest.ucdavis.edu/about/specialists/?uid=44&ds=183>
<https://www.linkedin.com/pub/irwin-donis-gonzalez/a4/412/79b>
https://www.researchgate.net/profile/Irwin_Donis-Gonzalez

Ashraf El-Kereamy, Ph.D.

UC Cooperative Extension Advisor in Kern, Tulare & Kings Counties

Cooperative Extension Kern County

1031 South Mount Vernon Avenue

Bakersfield, CA 93307

(661) 868-6226

aelkereamy@ucanr.edu



Biography:

Dr. Ashraf El-Kereamy joined UCCE on August 1, 2014 as area viticulture advisor.

Education:

El-Kereamy earned his Ph.D. in Agriculture with emphasis in Grape Physiology and Molecular Biology from INP-ENSAT, Toulouse University, Toulouse, France, and a M.Sc. in Pomology and B.Sc. in Horticulture, both from Ain Shams University, Cairo, Egypt.

Experience:

Prior to joining UCCE, El-Kereamy worked as a post-doc / research associate on two occasions in the College of Biological Sciences at University of Guelph from 2013 to 2014, studying plant drought and heat stress tolerance in plants, and from 2008 to 2012, studying the genotypes variation in nitrogen use efficiency and plant heat stress tolerance. From July 2012 to October 2013, he held the position of assistant / associate professor in the Department of Horticulture, Ain Shams University, Egypt, where he taught undergraduate and postgraduate courses for horticultural science and served as PI for USA-Egypt joint collaborative research grant between Wyoming University and Ain Shams University (Improving grapevine tolerance to drought and heat stress using safe and eco-friendly technologies). El-Kereamy also worked as post-doctoral scientist in the Department of Plant Agriculture, University of Guelph, Vineland (April 2006 to February 2008), where he studied the pathogenesis related proteins during plum fruit ripening. Further, he worked as a post-doc at the Department of Plant Science, University of Manitoba (2004 to 2006), studying the physiological role of ABA in plants.

Specialty:

- Bilingual in language(s) other than English: French and Arabic

Areas of Expertise:

- Plant Cmmdtys and Prod – General
- Corn, Field
- Rice
- Fruit and Nut Crop - General
- Fruit Crops - General
- Tree Fruits - General
- Fruit Crops - Other (Postharvest)
- Grapes
- Grapes - General
- Table Grapes
- Grapes - Other (Postharvest)
- Nut Crops
- Subtropical Fruits
- Deciduous Tree Fruits
- Plant Genome, Genetics, and Genetic Mechanisms
- Plant Genetic Resources
- Plant Biological Efficiency and Abiotic Stresses Affecting Plants
- Plant Product Quality and Utility (Preharvest)
- Responding to Climate Change

Web/Social Media Site:

- <http://cekern.ucanr.edu/>
- <http://cetulare.ucanr.edu/>
- <http://cekings.ucanr.edu/>

Luis Espino, Ph.D.

UC Cooperative Extension Advisor in Colusa, Glenn & Yolo Counties

UC Cooperative Extension Colusa County
PO Box 180
100 Sunrise Boulevard, Suite E
Colusa, CA 95932
(530) 458-0578
laespino@ucanr.edu



Biography:

Dr. Luis Espino joined UCCE on August 11, 2007 as rice farm advisor. He lives in Gridley with wife Maria and two children, Rio and Ciel.

Education:

Espino earned his Ph.D. in Entomology from Texas A&M University. His research focused on the rice stink bug, one of the most important pests of rice in the southern United States. Specifically, Luis worked on the development of visual sampling methods and sequential sampling plans, identification of susceptible stages of rice development to rice stink bug attack, management and control. He also was involved in research conducted on other rice pests, such as rice water weevil, chinch bugs, rice stem borers and armyworms, and participated in extension activities. Espino obtained an M.Ag. in Agronomy also from Texas A&M University and a B.S. in Agronomy from Universidad Nacional Agraria La Molina in Lima, Peru.

Experience:

Prior to joining UCCE, Espino worked as a rice research assistant at Texas A&M's Agricultural Research and Extension Center in Beaumont, Texas. Before starting the Entomology graduate program, Luis worked for an agrochemical company in Peru as part of the Product Development Department doing efficacy field trials and demonstrations, seminars and field days with producers of various crops.

Specialty:

- Entomology
- Agronomy

Areas of Expertise:

- Rice
- Plants and Their Systems
- Plant Management Systems
- Insects, Mites, and Other Arthropods Affecting Plants
- Integrated Pest Management Systems
- Beneficial Insects
- Languages Spoken: Spanish
- Commercial

Web/Social Media Site:

<http://cecolusa.ucanr.edu/rice/>
UC Rice Project Website: <http://ucanr.edu/sites/UCRiceProject/>
UC Rice Blog: <http://ucanr.edu/blogs/riceblog/index.cfm>
Twitter Handle: @UCRice

Dorina M. Espinoza, Ph.D.

*UC Cooperative Extension Advisor in Humboldt, Del Norte,
Lake & Mendocino Counties*

Cooperative Extension Humboldt County
5630 South Broadway
Eureka, CA 95503-6998
(707) 445-7351
dmespinoza@ucanr.edu



Biography:

Dr. Dorina Espinoza joined UCCE on January 9, 2012 as the Youth, Families and Communities advisor. She conducts research and outreach in nutrition, food security, youth development, and youth development in vulnerable populations.

Education:

Espinoza earned a Ph.D. in Kinesiology, Exercise Science and Policy Analysis, an M.S. in Physical Education and Exercise Science from Michigan State, and a B.S. in Physical Education from CSU Northridge.

Experience:

Before joining UCCE, Espinoza worked as a health education specialist for the Humboldt County Department of Health and Human Services. In addition, she has taught undergraduate Kinesiology courses at Humboldt State University and Sonoma State University and served as a program evaluator for projects at Humboldt State University. From 1992 to 2006, Espinoza did research on elementary school physical education programs and taught courses at Michigan State University. She also has experience teaching high school math and providing instructional support for teachers.

Specialty:

- Quantitative Research: Experimental Design and Single and Multiple Factor Analysis
- Qualitative Research
- Program Evaluation: Formative and Summative

Areas of Expertise:

- Urban Agriculture/Local and Regional Food Systems
- 4-H Program
- Healthy Families and Communities

Web/Social Media Site:

<http://cehumboldt.ucanr.edu>

Jim Farrar, Ph.D.

UC Agriculture & Natural Resources Director of the Statewide Integrated Pest Management (IPM) Program

Statewide Integrated Pest Management
UC Agriculture & Natural Resources
2801 Second Street, #152
Davis, CA 95618-7774
(530) 750-1249

jjfarrar@ucanr.edu



Biography:

Dr. Jim Farrar joined UC ANR on December 17, 2012 as director of the Western IPM Center. On October 1, 2015, Farrar was appointed Director of the Statewide Integrated Pest Management Program.

Education:

Farrar earned a B.S. in plant pathology at University of Wisconsin, Madison, an M.S. in plant pathology at UC Davis and Ph.D. in botany at UW Madison.

Experience:

Farrar was a professor of plant pathology at California State University Fresno from 2000. At Fresno State, Farrar served as chair of the Department of Plant Science for four years and as interim chair of the Department of Food Science and Nutrition for a year. Prior to joining Fresno State, Farrar was assistant professor in the Department of Botany at Weber State University in Ogden, Utah, and a visiting post-doc scholar in the Department of Plant Pathology at UC Davis.

Specialty:

- Safe and Secure Food Systems

Areas of Expertise:

- Basic Plant Biology
- Plant Commodities and Production – General
- Pathogens and Nematodes Affecting Plants
- Integrated Pest Management Systems
- Vegetable Crops – General
- Carrots
- Endemic and Invasive Pests and Diseases

Web/Social Media Site:

<http://www.ipm.ucanr.edu/>

Jose Fernandez De Soto

*UC Agriculture & Natural Resources Academic Coordinator
of Hansen Agricultural Research & Extension Center*
UC Hansen Agricultural Research and Extension Center
14292 West Telegraph Road
Santa Paula, CA 93060
(805) 525-9293, Ext. 208
jfdesoto@ucanr.edu



Biography:

Jose Fernandez De Soto was appointed as agricultural research outreach coordinator on July 1, 2012. He also has programmatic responsibilities with small scale, new or aspiring farmers in Ventura County, food safety and agritourism.

Education:

De Soto earned a B.S. in Agricultural Engineering from The National University of Colombia in Palmira and a master’s degree in Business Administration from INCOLDA’s Postgraduate Studies Institute in Cali.

Experience:

De Soto’s experience with ANR began in 2000 as the Desert Research and Extension Center (DREC) superintendent in El Centro, and subsequently as interim DREC director on two occasions for a combined time of almost four years. Before assuming his new role, De Soto served two years as director of Hansen Agricultural Research and Extension Center from 2009 to 2012. Prior to joining ANR, DeSoto ran his own agricultural operations in Colombia and was seed plant manager for the International Center for Tropical Agriculture.

Specialty:

Areas of Expertise:

- Ag Commodities and Products - General
- Field Crops - General
- Subtropical Fruits - Other
- Vegetable Crops - General
- Communication, Education, and Information Delivery
- Food Safety
- Conservation and Efficient Use of Water
- Drainage and Irrigation Systems and Facilities
- Youth Development
- Languages Spoken: Spanish
- Research and Extension Centers
- Master Gardeners
- Small Farms

Web/Social Media Site:

<http://ucanr.org/sites/hansenagcenter/>

Allison Ferry-Abee

UC Cooperative Extension Advisor in Tulare, Kern & Kings Counties

UC Cooperative Extension Tulare County
4437-B S. Laspina Street
Tulare, CA 93274
(559) 684-3316
Mobile: (559) 905-2428
aferry@ucanr.edu



Biography:

Allison Ferry-Abee joined UCCE on June 16, 2014 as area viticulture advisor.

Education:

Ferry-Abee earned her B.S. in Plant Science from California State University, Fresno, with emphasis in Horticulture/Technology. She earned her doctorate in Plant Pathology at UC Davis in June 2014. Ferry-Abee’s research is focused on developing integrated pest management recommendations that are both practicable and practical to growers. As part of her research, she meets with growers for consultations and conducts presentations at field days.

Experience:

Prior to joining UCCE, Ferry-Abee worked as a graduate student researcher in the department of Plant Pathology at UC Davis since August 2009, serving as the primary diagnostician for the UC Davis Plant Disease Clinic, where she had gained strong disease and disorder diagnostic skills for a wide variety of plant species, including grapes, and experience with experimental design and analysis, developing and monitoring disease assessment methods, plant disease diagnostics, and extension and public outreach. From August 2006 to June 2009, Ferry-Abee also worked as an undergraduate research and teaching assistant at CSU Fresno, providing her significant experience conducting field experiments and laboratory maintenance and management.

Specialty:

Areas of Expertise:

- Grapes - General
- Raisin Grapes
- Table Grapes
- Wine Grapes
- Pathogens and Nematodes Affecting Plants
- Integrated Pest Management Systems
- Ornamentals / Landscape / Turf – General
- Garlic
- Onions

Web/Social Media Site:

<http://cetulare.ucanr.edu/>
<http://cekern.ucanr.edu/>
<https://twitter.com/GrapevineAbee>

Elizabeth Fichtner, Ph.D.

UC Cooperative Extension Advisor in Tulare County

UC Cooperative Extension Tulare County

4437-B S. Laspina Street

Tulare, CA 93274

(559) 684-3310

ejfichtner@ucanr.edu



Biography:

Dr. Elizabeth Fichtner joined UCCE on July 1, 2009 as horticulture (orchard crops and systems) advisor. A native of Long Island, NY, Fichtner pursued an interest in horticulture and natural resources through 4-H activities. She looks forward to applying and extending past experiences to the study of orchard systems in Tulare County.

Education:

Fichtner earned a B.S. in Plant Science from Cornell University and an M.S. and Ph.D. degrees in Plant Pathology and Soil Science at North Carolina State University in Raleigh.

Experience:

Prior to joining UCCE, Fichtner has been working as a research scientist in the UC Davis Department of Plant Pathology in Dave Rizzo's lab from 2003-2009. She has expertise working with soilborne plant pathogens in numerous ecosystems in California and the United Kingdom. While an undergrad, Fichtner worked summers assisting with field research on management of soilborne diseases of row crops at University of Wisconsin, Madison.

Specialty:

- Orchard Systems

Areas of Expertise:

- Fruit and Nut Crop - General
- Almonds
- Pecans
- Pistachios
- Walnuts
- Olives
- Prunes
- Soil
- Plants and Their Systems
- Plant Biological Efficiency and Abiotic Stresses Affecting Plants
- Pathogens and Nematodes Affecting Plants
- Integrated Pest Management Systems

Web/Social Media Site:

<http://cetulare.ucanr.edu>

Julie Finzel

UC Cooperative Extension Advisor in Kern, Tulare & Kings Counties

Cooperative Extension Kern County

1031 South Mount Vernon Avenue

Bakersfield, CA 93307

(661) 868-6219

jafinzel@ucanr.edu



Biography:

Julie Finzel joined UCCE on February 6, 2012 as the livestock and natural resources advisor.

Education:

Finzel earned a B.S. in Animal Science from Cal Poly, San Luis Obispo, and an M.S. in Rangeland Ecology and Management from the University of Idaho.

Experience:

While growing up in the Los Angeles area, Finzel visited and worked at her family's cattle ranch, located outside of Bishop, CA. She has worked as a natural resources specialist monitoring and managing endangered plant and avian species for the Navy. Most recently she worked for USDA-ARS as a rangeland research technician in Reno, Nevada collecting and analyzing leaf area index data, cover data, and production data in desert shrub ecosystems.

Specialty:

- Beef Cattle
- Rangeland Ecology and Management

Areas of Expertise:

- Animal Commodities and Products - General
- Range

Web/Social Media Site:

<http://cekern.ucanr.edu/Livestock/>

Lisa Fischer

*UC Agriculture & Natural Resources Associate Director of the
Research & Extension Center System (RECS)*

UC ANR Research and Extension Center System

2801 Second Street

Davis, CA 95618-7774

(530) 750-1287

lmfischer@ucanr.edu



Biography:

Lisa Fischer joined UC ANR on August 1, 2012 as the associate director of the Research and Extension Center System. Her role with ANR includes providing research and extension coordination, leadership and advocacy for the nine-center REC System. Fischer works to improve connections between research and extension/outreach functions and support programs across department, disciplinary and Agriculture Experiment Station and Cooperative Extension boundaries. She oversees the REC budget process. She also serves as a member of the leadership team for the new statewide program Informatics and Geographic Information Systems (IGIS).

Education:

Fischer earned a B.A. in Geography and Environmental Studies and a M.A. in Physical Geography, Remote Sensing and Land Use Monitoring from UC Santa Barbara.

Experience:

For the past 21 years before joining UC ANR, She was a program manager with the USDA Forest Service, responsible for implementing national programs and leading regional programs in aerial detection surveys, insect and disease pest risk mapping and modeling, grants program management, natural resource management and providing geospatial solutions to State and Private Forestry, Forest Health Protection staff. Prior to joining the Forest Service, she worked at NASA Ames Research Center conducting applied research in agriculture and natural resources, and providing technical assistance, support and expertise in facilitating, developing and managing collaborative research agreements for applied commercial remote sensing, and geospatial related projects.

Specialty:

- Natural resource management, remote sensing of agriculture and wildland environments, land use and change monitoring
- Advocacy

Areas of Expertise:

- Geographic Information Systems
- Research and Extension Centers
- Natural Resources
- Hardwood Rangelands
- Agriculture
- Program and Project Support, Administration and Communication

Web/Social Media Site:

<http://ucanr.org/sites/rec/>

<http://ucanr.edu/blogs/rec/>

Twitter: @lisafischer_rec

Bill Frost

UC ANR Associate Vice President

UC Division of Agriculture and Natural Resources

2801 Second Street

Davis, CA 95618-7774

(530) 750-1312

wefrost@ucanr.edu

Skype: [ucanrbillfrost](#)



Biography:

Bill is the Associate Vice President of the University of California Division of Agriculture and Natural Resources. He is responsible for providing leadership to the statewide UC Cooperative Extension (UCCE) System and the Agricultural Experiment Station (AES), the Research and Extension Center System, as well as ANR's Statewide Programs.

Bill's previous leadership roles within UC ANR include serving eight years as the Program Leader for Natural Resources and Animal Agriculture.

Bill has utilized his expertise during a 20+ year career with Cooperative Extension in Arizona and California, serving in California as an area natural resource advisor in the Central Sierra Nevada for 14 years and as UCCE County Director in El Dorado County for 10 years. His programmatic background is in rangeland management with a long history of research and educational programs dealing with rangeland ecology and management as well as on the ground resource monitoring approaches.

Education:

Bill earned degrees in range science from UC Davis and his doctorate in range management from the University of Arizona.

Areas of Expertise:

- Range
- Natural Resources and Environment
- Management of Range Resources
- Hardwood Rangelands

Web/Social Media Site:

<http://ucanr.edu/>

Missy Gable

UC Agriculture & Natural Resources Director of the Statewide Master Gardener Program

Master Gardener Program
2801 Second Street
Davis, CA 95618-7774
(530) 750-1266
mjgable@ucanr.edu



Biography:

Missy Gable joined UC ANR on June 3, 2013 as director of the Statewide Master Gardener Program.

Education:

Gable earned a bachelor's degree in biological sciences with an emphasis in plant biology and a master's degree in environmental horticulture from UC Davis. Her graduate fellowship was with the UC Davis Arboretum where her work focused on best practices for informal education in botanical gardens. Additionally, she has completed 28 units with the American Management Association and a two year leadership development fellowship with the California Agricultural Leadership Foundation.

Experience:

Gable had been the program manager for the California Center for Urban Horticulture since 2007 and the public engagement manager for the UC Davis Arboretum since February 2013. While working with the California Center for Urban Horticulture, she worked extensively with the Master Gardener Program on local and statewide training efforts including the Sustainable Landscape Train the Trainer program and the Edible Landscape Train the Trainer program. Gable has also coordinated numerous public demonstration gardens featuring UC Davis Arboretum All-Star plants, sustainable landscaping practices and pollinator attracting landscapes. She also serves on the Board of Tree Davis, the 'Bee Board' of Haagen-Dazs brand ice cream, and as a Regional Director for the Alumni Association of the California Agricultural Leadership Foundation.

Specialty:

- Informal education
- Volunteer management
- Interacting with the media

Areas of Expertise:

- Ornamentals/Landscape/Turf – General
- Arboreta and Botanical Gardens
- Horticulture
- Master Gardeners

Web/Social Media Site:

<http://camastergardeners.ucanr.edu>

<http://cagardenweb.ucdavis.edu>

Aparna Gazula, Ph.D.

*UC Cooperative Extension Advisor in Santa Clara, Santa Cruz,
San Mateo & San Benito Counties*

UC Cooperative Extension Santa Clara County
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agazula@ucanr.edu



Biography:

Dr. Aparna Gazula joined UCCE on January 4, 2016 as an Area Small Farms Advisor.

Education:

Gazula earned her B.S. in Agriculture from A.N.G.R. Agricultural University, India, an M.S. in Horticulture and Crop Science from The Ohio State University, and a Ph.D. in Horticulture from University of Florida.

Experience:

Prior to joining UCCE, Gazula was a Commercial Horticulture Extension Agent since January 2009 at UF/IFAS Extension Alachua County, where 97% of all farms in Alachua County are small farms. She was responsible for planning, delivering and evaluating educational programs for the vegetable, fruit, nursery and landscape management industries. These Extension programs were developed and implemented with successfully procured grant and other sources of funding, and in partnership with local, regional, and statewide agencies, State Specialists, and other University of Florida Extension Agents.

Specialty:

- Bilingual in language(s) other than English: Hindi, Telugu
- Vegetable and Specialty Crops: peppers, tomatoes, watermelons, strawberries, Asian vegetables, microgreens
- Vegetable Production Systems: drip irrigation, nutrient management, pest management
- Vegetable Variety Trials: pepper, fresh market tomato

Areas of Expertise:

- Vegetable Crops - General
- Peppers
- Leafy Vegetables - Other
- Soil, Plant, Water, Nutrient Relationships
- Organic
- Small Farms

Web/Social Media Site:

<http://cesantaclara.ucanr.edu>
<http://cesantacruz.ucanr.edu/>
<http://cesanmateo.ucanr.edu/>
<http://cesanbenito.ucanr.edu/>

Daniel Geisseler, Ph.D.

UC Cooperative Extension Specialist in the Department of Land, Air & Water Resources (LAWR) at UC Davis

Department of Land, Air & Water Resources (LAWR)

University of California

Plant and Environmental Sciences Building

One Shields Avenue

Davis, CA 95616

(530) 754-9637

djgeisseler@ucdavis.edu



Biography:

Dr. Daniel Geisseler joined UCCE on November 1, 2014 as an assistant CE specialist in the Department of Land, Air and Water Resources at UC Davis. His research focuses on nutrient turnover and plant nutrition in agricultural systems. Geisseler is interested in the effects that different management practices have on nutrient use in California crops and how nutrient use efficiency can be improved, particularly with nitrogen. An important part of his outreach activities is to create online nutrient management guidelines for various crops grown in California, ranging from alfalfa to walnuts. The guidelines are available at <http://apps.cdfa.ca.gov/frep/docs/Guidelines.html>. Geisseler is also interested in how soil microorganisms and plants use nitrogen. He studies the competition between plants and soil microorganisms for different forms of nitrogen and the factors that affect the outcome of this competition.

Education:

Geisseler completed his Ph.D. and M.S. in Soil Science at UC Davis, and a B.S. in International Agriculture at Swiss College of Agriculture.

Experience:

Prior to joining UCCE, Geisseler worked as a postdoctoral scientist at the University of Kassel in Germany and at UC Davis.

Specialty:

- Bilingual in language(s) other than English: German
- Nutrient Management

Areas of Expertise:

- Soil, Plant, Water, Nutrient Relationships

Web/Social Media Site:

http://lawr.ucdavis.edu/directory_faculty_sbg.htm

Thomas Getts

UC Cooperative Extension Advisor in Lassen, Plumas-Sierra & Modoc Counties

707 Nevada Street
Susanville, CA 96130
(530) 251-2650
tjgetts@ucanr.edu



Biography:

Thomas Getts joined UCCE on June 1, 2015 as an Area Weed Ecology and Cropping Systems Advisor. He recently moved to Susanville California, from Fort Collins Colorado.

Education:

Getts earned his B.A. in Forestry Management and an M.S. in Weed Science from Colorado State University.

Experience:

Prior to joining UCCE, Getts was working at Colorado State University on his Weed Science master's degree. He conducted and was involved with numerous studies focusing on weeds, invasives, herbicides and crops. Some specific studies he worked on were, Cut stump Russian olive control, tolerance of restoration species to herbicide applications, invasive species mapping projects, and screening experimental herbicides for weed control and crop safety. Getts also held a teacher's assistant position where he was responsible for laboratory instruction, experiment design and execution, experiment maintenance, and sprayer calibration.

Specialty:

- Weeds in natural systems
- Weeds in agriculture
- Weed control methods
- Herbicide testing and applications
- Invasive plant mapping

Areas of Expertise:

- Forage Crops – General
- Alfalfa
- Grasses – General
- Weeds Affecting Plants
- Integrated Pest Management Systems
- Forest and Range Resources
- Invasives
- Weeds

Web/Social Media Site:

<http://celassen.ucanr.edu/>
<http://ucce-plumas-sierra.ucanr.edu/>
<http://cemodoc.ucanr.edu/>

Rale Gjuric, Ph.D.

UC Agriculture & Natural Resources Director of Plant Breeding Academy at UC Davis

Plant Breeding Academy
Plant Reproductive Biology
Extension Center Drive
Davis, CA 95616
rgjuric@ucdavis.edu



Biography:

Dr. Rale (Radisa) Gjuric joined ANR on July 1, 2010 as the first director of the UC Davis Seed Biotechnology Center's (SBC) Plant Breeding Academy.

Education:

Gjuric received his Ph.D. from the University of Manitoba, Canada, an M.S. from the University of Novi Sad, Serbia, and a B.S. from the University of Ss. Cyril and Methodius, Macedonia.

Experience:

Prior to joining ANR, Gjuric served as the president and managing director of Haplotech Inc., a Canadian company that he founded specializing in technical and consulting services for plant breeding companies. Previously, he held the positions of Breeding Manager of DL Seeds and Research and Managing Director of DSV (Deutsche Saatveredelung) Canada, both in Winnipeg, Canada. Gjuric is an accomplished plant breeder with numerous canola hybrid and variety releases. His current focus is in service to the plant breeding industry with special interest in organization and optimization of plant breeding programs.

Specialty:

- Bilingual in language(s) other than English: Macedonian, Serbo-Croatian
- Plant Breeding and Education

Areas of Expertise:

- Alfalfa
- Other Legumes
- Grasses, Annual
- Grasses, Perennial
- Oil / Oilseed Crops – Other

Web/Social Media Site:

<http://www.plantsciences.ucdavis.edu/plantsciences/>
<http://pba.ucdavis.edu>
<https://www.linkedin.com>

Elise Gornish, Ph.D.

UC Cooperative Extension Specialist in the Department of Plant Sciences at UC Davis

Department of Plant Sciences
University of California
1 Shields Avenue
Davis, CA 95616
(530) 752-6314
egornish@ucdavis.edu



Biography:

Dr. Elise Gornish joined UCCE on January 2, 2015 as an Assistant Restoration Ecology Specialist in Cooperative Extension, in the Department of Plant Sciences at UC Davis. Gornish is interested in developing successful restoration approaches for both natural and working landscapes. She is also particularly interested in studying (and combating) invasive annual weeds in California grasslands and drylands.

Education:

Gornish completed a Ph.D. and an M.S. degree in Ecology from Florida State University. She's completed a B.S. in Conservation Biology from Hunter College. From State University of New York at Buffalo, Gornish also completed a B.S. in Business and a B.S. in English.

Experience:

Prior to joining UCCE, Gornish worked as a Postdoctoral Scholar for the Department of Plant Sciences at UC Davis from May 2013 to December 2014.

Specialty:

- Bilingual in language(s) other than English: Beginning/Intermediate Spanish and French
- Restoration Ecology
- Plant population biology
- Community ecology

Areas of Expertise:

- Natural Resc and Commodities - General
- Conservation of Biological Diversity
- Soil and Land – General
- Range
- Management of Range Resources
- Plant Biological Efficiency and Abiotic Stresses Affecting Plants
- Plant Management Systems
- Soil, Plant, Water, Nutrient Relationships
- Responding to Climate Change
- Weeds
- IPM
- Sustainable Natural Ecosystems

Web/Social Media Site:

<http://gornish.ucdavis.edu/>

Twitter: @RestoreCAL

Theodore Grantham, Ph.D.

UC Cooperative Extension Specialist in the Department of Environmental Science, Policy & Management at UC Berkeley

Department of Environmental Science, Policy and Management

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Berkeley, CA 94720-3114

(510) 664-4664

tgrantham@berkeley.edu



Biography:

Dr. Theodore Grantham joined UCCE on December 1, 2015 as a climate and water specialist in the Department of Environmental Science, Policy and Management at UC Berkeley. His research focuses on the relationships between hydrological and ecological processes in studies relevant to the management of water resources. Through applied, cross-disciplinary investigations that employ hydrological and hydraulic modeling, empirical field studies, geospatial analysis, and ecological statistics, his work aims to inform sustainable, cost-effective water management policy and practice in California.

Education:

Grantham completed a Ph.D. in the Department of Environmental Science, Policy and Management at UC Berkeley and a B.S. in Biological Sciences from Stanford University.

Experience:

Prior to joining UCCE, Grantham was a Mendenhall Postdoctoral Research Fellow with the U.S. Geological Survey at the Fort Collins Science Center. He also spent two years as a postdoctoral researcher with the Center for Watershed Sciences at UC Davis and one year as a Fulbright Fellow at the University of Barcelona. He has over 10 years of experience investigating California water management challenges, working in partnerships with research institutions, government agencies, and NGOs. His previous research has largely focused on understanding ecosystem water needs and identifying strategies to incorporate ecological principles in water management practices, policy, and decision-making. Both of these areas continue to be active research themes, with a growing emphasis on how to sustainably manage freshwater systems in a rapidly changing climate.

Specialty:

- Water Resource Management
- Climate Science
- Freshwater Ecology
- Hydrology
- Conservation Biology

Areas of Expertise:

- Water
- Watersheds and River Basins
- River Basins
- Watersheds
- Wetland and Riparian Systems
- Finfish - Freshwater
- Watershed Protection and Management
- Weather and Climate
- Aquatic and Terrestrial Wildlife
- Conservation of Biological Diversity
- Geographic Information Systems
- Climate Change
- Sustainable Natural Ecosystems
- Water Quality, Quantity, and Security

Web/Social Media Site:

<http://ourenvironment.berkeley.edu/>

Christopher Greer

Vice Provost of Cooperative Extension

UC Division of Agriculture and Natural Resources

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cagreer@ucanr.edu

Skype: [anrcagreer](#)



Biography:

Dr. Christopher Greer joined UCCE on August 5, 2002 as rice farming systems advisor serving Colusa, Glenn, Tehama and Yolo counties prior to transferring locations on January 1, 2007 to serve in the same capacity for Sutter, Yuba, Placer and Sacramento counties. His programmatic specialty is rice disease management, cultural practices, and environmental interactions. Greer served as associate county director for UCCE Sutter-Yuba from January 2008 to December 2010, county director for UCCE Sutter-Yuba and UCCE Colusa from January 2011 to July 2014 and interim county director for UCCE Glenn from July 2013 to June 2014.

On July 1, 2014, Greer was named vice provost of cooperative extension for UC ANR. In his role as vice provost, Chris is responsible for guiding all county based academic programs. He coordinates programs and priorities with those of the Agricultural Experiment Station counterpart units and ensures ANR programs align with UC ANR's strategic vision and are relevant to the people of California. As a senior leader, he serves as the statewide administrative leader for county-based Cooperative Extension programs. The directors of county-based UCCE programs and the executive director of the ANR Academic Personnel Unit report to him. Chris, has broad experience within ANR, having served as president of the Academic Assembly Council, as well as a member of the ANR Peer Review Committee, UC FSNEP/CalFresh Advisory Committee and the County Director Council, among many other roles.

Prior to joining UCCE, Greer worked as plant pathologist for FieldWise, Inc. in Yuba City, California, from April 2000 to March 2002, managing the daily operations of Sacramento Valley regional agricultural weather network consisting of 50 weather stations in tomato, rice, walnut, almond and grape. He provided daily calculation and posting of disease and insect pest risk information, field scouting and consultation with growers and pest control advisers, and development and testing of new crop disease and insect pest models.

Education:

Greer earned his Ph.D. in Plant Pathology from UC Davis and a B.S. in Bioenvironmental Sciences from Texas A&M University.

Specialty:

- Rice - Pest management, cultural practices, environmental interactions

Areas of Expertise:

- Rice
- Plants and Their Systems
- Plant Genetic Resources
- Plant Management Systems
- Pathogens and Nematodes Affecting Plants
- Weeds Affecting Plants
- Natural Resources and Environment
- Watershed Protection and Management
- Water
- Commercial
- IPM
- Endemic Species
- Invasives
- Weeds
- Sustainable Natural Ecosystems
- Endemic and Invasive Pests and Diseases
- Water Quality, Quantity, and Security
- Sustainable Food Systems

Web/Social Media Site:

<http://ucanr.edu/>

Clare Gupta, Ph.D.

UC Cooperative Extension Specialist in the Department of Human Ecology at UC Davis

Department of Human Ecology
University of California
2315 Hart Hall
Davis, CA 95616
(650) 766-7610
cgupta@ucdavis.edu



Biography:

Dr. Clare Gupta joined UCCE on March 2, 2015 as an Assistant Public Policy Specialist in Cooperative Extension, in the Department of Human Ecology at UC Davis. Trained as a political ecologist with a background in the natural sciences, Gupta studies how environmental and agricultural policy affect community food systems, and how citizens and community groups can shape these policies. Gupta intends to work with county advisors, fellow extension specialists, UC academics and community groups to design research that elucidates how emerging state agricultural policies (e.g. urban agriculture zoning, community supported agriculture bill, farm worker protections, proposed water bond) impact community food systems—especially from the perspective of small-scale producers. Gupta also envisions designing research questions that help state departments and boards to implement new agricultural policies in context-appropriate ways. Overall, her work aims to leverage scholarship on the concerns of California communities into data-driven public policy.

Education:

Gupta completed a Ph.D. in Environmental Science, Policy and Management from UC Berkeley and a B.S. in Biology from Dartmouth College.

Experience:

Prior to joining UCCE, Gupta served as a National Science Foundation postdoctoral fellow at the Yale School of Forestry and Environmental Studies. In this position, she studied efforts to re-localize Hawaii’s food system, from a combined political and industrial ecological approach. Previously, her dissertation work examined the impact of wildlife conservation on the livelihoods of rural communities living near protected areas in Botswana.

Specialty:

- Translational and Interdisciplinary Research
- Food Politics and Agro-food Movements (e.g. Local Food, Food Sovereignty)

Areas of Expertise:

- Community Resource Planning and Development
- Food and Society
- Building Regional Markets
- Community Food Security
- Food System Assessments/Policy
- Farmworker and Rural Community Wellbeing
- Urban Agriculture/Local and Regional Food Systems
- Healthy Families and Communities
- Sustainable Food Systems

Web/Social Media Site:

<http://humanecology.ucdavis.edu/index.html>

Brad Hanson, Ph.D.

UC Cooperative Extension Specialist in the Department of Plant Sciences at UC Davis

Department of Plant Sciences, MS-4
276 Robbins Hall
Davis, CA 95616
(530) 752-8115
bhanson@ucdavis.edu



Biography:

Dr. Brad Hanson joined UCCE on December 1, 2009 as weed specialist. He specializes in weed management in tree and vine cropping systems with a focus on weed control efficacy, crop safety, and environmental concerns that surround conventional herbicide-based weed control methods.

Education:

Hanson earned a Ph.D. in Plant Science/Weed Science and an M.S. in Plant Science, both degrees from University of Idaho, and a B.S. in Agriculture/Agronomy from Iowa State University.

Experience:

Prior to joining UCCE, Hanson worked as a Research Agronomist with the USDA-ARS in Parlier, California from 2005 to 2009 and as a Postdoctoral researcher at Colorado State University from 2004 to 2005.

Specialty:

- Herbicides
- Soil Fumigants

Areas of Expertise:

- Fruit and Nut Crop
- Fruit and Nut Crop - General
- Fruit Crops - General
- Tree Fruits - General
- Fruit Crops - Other
- Deciduous Tree Fruits
- Plants and Their Systems
- Plant Management Systems
- Weeds Affecting Plants
- Integrated Pest Management Systems
- Agriculture
- Pest Management/Diseases
- Weeds
- Endemic and Invasive Pests and Diseases
- Sustainable Food Systems

Web/Social Media Site:

<http://www.plantsciences.ucdavis.edu/plantsciences/>
http://www.plantsciences.ucdavis.edu/plantsciences_faculty/hanson/index.htm
<http://wric.ucdavis.edu/>
Twitter: @UCWeedScience
<http://ucanr.edu/blogs/UCDWeedScience/index.cfm>

Darren Haver, Ph.D.

UC Cooperative Extension Advisor & Director in Orange County & Director of South Coast Research & Extension Center

South Coast Research and Extension Center
7601 Irvine Blvd.
Irvine, CA 92618
(949) 653-1814
dlhaver@ucanr.edu



Biography:

Dr. Darren Haver joined UCCE on March 14, 2003 as water resources and water quality advisor for Orange County. On November 1, 2009, Haver was named director of South Coast Research and Extension Center and then on January 1, 2012, he was appointed Orange County Director. In his new position, Haver devotes 40 percent of his time working as director and 60 percent of his time as advisor.

Education:

Haver received his Ph.D. in Botany and Plant Physiology from UC Riverside and a B.S. in Ornamental Horticulture with a minor in Botany from Cal Poly Pomona.

Experience:

Haver's experience with Cooperative Extension began with an internship in 1991 with Environmental Horticulture Advisor, Dr. John Kabashima. Both as an undergraduate and a graduate student, Haver was involved in several research projects that focused on minimizing nutrient-laden runoff generated during the production process in container nurseries. Haver also worked as a postgraduate researcher at UC Riverside from 1999 to 2001. Before accepting his position as advisor, Haver served nearly two years as a program representative for UCCE Orange County coordinating water quality outreach programs for agricultural and urban professionals.

Areas of Expertise:

- Ornamental Crops, Landscape and Turf
- Landscape - General
- Turf/Sod
- Parks and Urban Green Space
- Horticulture
- Water
- Watersheds
- Integrated Pest Management Systems
- Natural Resources and Environment
- Conservation and Efficient Use of Water
- Watershed Protection and Management
- Pollution Prevention and Mitigation
- Nutrients and Water in Agricultural Landscapes
- Urban Agriculture/Local and Regional Food Systems
- Research and Extension Centers
- Master Gardeners
- 4-H SET
- IPM
- Sustainable Natural Ecosystems
- Water Quality, Quantity, and Security Initiative

Web/Social Media Site:

<http://ceorange.ucanr.edu>
<http://ucanr.edu/sites/screc/>
<http://www.linkedin.com/in/darrenhaver/>
Twitter: @DHaverUCANR

Christina Hecht, Ph.D.

UC Agriculture & Natural Resources Academic Coordinator

UC ANR Nutrition Policy Institute

1111 Franklin Street, 10th Floor

Oakland, CA 94607-5200

(510) 655-3624

ceahecht@berkeley.edu



Biography:

Dr. Christina Hecht joined ANR on April 7, 2014 as a Nutrition Policy Institute Senior Policy Advisor.

Education:

Hecht earned her B.A. in Human Biology from Stanford and a Ph.D. in Population Dynamics from Johns Hopkins University School of Hygiene and Public Health.

Experience:

Prior to joining ANR, Hecht worked in the UC Berkeley School of Public Health, Department of Maternal and Child Health, on studies of Down Syndrome incidence.

Specialty:

Areas of Expertise:

- Healthy Families and Communities
- Nutrition and Hunger in the Population
- Obesity Prevention

Web/Social Media Site:

http://ucanr.edu/sites/anrstaff/Nutrition_Policy_Institute/

Twitter: @ceahecht

Kenneth Hecht, J.D.

UC Agriculture & Natural Resources Academic Coordinator

UC ANR Nutrition Policy Institute

1111 Franklin Street, 10th Floor

Oakland, CA 94607-5200

(510) 409-6436

Kenhecht34@gmail.com



Biography:

Kenneth Hecht joined ANR on April 7, 2014 as a Nutrition Policy Institute Director of Policy.

Education:

Hecht earned his B.A. in Philosophy from Dartmouth College and an LL.B from Yale Law School. Hecht also studied as a Post-Doctoral Fellow in Health Policy at Johns Hopkins University School of Hygiene and Public Health.

Experience:

Prior to joining ANR, Hecht worked as a nutrition policy consultant in Israel from October 2012 to December 2013, providing nutrition-policy assistance to the chair of the Israel National Council on Nutritional Security. From 1992 to 2012, Hecht was co-founder and executive director of California Food Policy Advocates (CFPA), which is California's statewide nutrition policy and advocacy organization, focused on strengthening the federal food program. CFPA has successfully sponsored many state bills and advocated for improvements to federal nutrition policies and practices. Begun as an anti-hunger organization, CFPA has evolved into an advocacy group that promotes the federal food programs as strong resources with which to prevent obesity as well as food insecurity. For 11 years, Hecht worked as executive director for San Francisco Legal Aid Society where he directed and modernized a venerable legal aid organization. He was also staff attorney for the San Francisco Neighborhood Legal Assistance Foundation from 1966-1972, where it was initially a general legal service practice in a low-income neighborhood that developed into specialized litigation in state and federal courts mainly in the areas of youth and employment law. Before practicing law, Hecht served in the US Navy for four years

Specialty:

- Nutrition Policy and Advocacy

Areas of Expertise:

- Nutrition and Hunger in the Population
- Obesity Prevention

Web/Social Media Site:

http://ucanr.edu/sites/anrstaff/Nutrition_Policy_Institute/

Jennifer Heguy

UC Cooperative Extension Advisor in Stanislaus, San Joaquin & Merced Counties

UC Cooperative Extension Stanislaus County
3800 Cornucopia Way, Suite A
Modesto, CA 95358
(209) 525-6800
jmheguy@ucanr.edu



Biography:

Jennifer Heguy joined UCCE on April 1, 2008 as dairy advisor. Heguy grew up in Los Banos, California, where her family was involved in small-scale beef cattle production. She was active in 4-H and FFA.

Education:

Heguy earned her B.S. and M.S. degrees in Animal Science from UC Davis. Her graduate work focused on dairy cattle nutrition.

Experience:

Prior to joining UCCE, Heguy worked in the ruminant nutrition lab of UC Davis Animal Science professor Edward DePeters.

Specialty:

- Dairy in San Joaquin and Stanislaus Counties

Areas of Expertise:

- Dairy Cattle / Milk / Other Dairy Prod
- Silage and Green Chop
- Animals and Their Systems
- Animal Production
- Nutrient Utilization in Animals
- Animal Management Systems

Web/Social Media Site:

<http://cestanislaus.ucanr.edu>
<http://cesanjoaquin.ucanr.edu/>
<http://cemerced.ucanr.edu/>

Russell Hill

*UC Cooperative Extension Advisor in Merced, Mariposa,
Madera & Stanislaus Counties*

Cooperative Extension Merced County
2145 Wardrobe Avenue
Merced, CA 95341-6445
(209) 385-7418
rdhill@ucanr.edu



Biography:

Russell Hill joined UCCE on October 1, 2012 as the 4-H youth development advisor.

Education:

Hill received his B.A in Anthropology from CSU Fresno in 1998 and a master's in Public Administration from CSU Stanislaus in 2003.

Experience:

Before accepting his current position of 4-H Youth Development Advisor, Hill served as the state 4-H Military Partnership Programs director from 2010-2012. Hill had also been the 4-H Youth Development Program Representative in Merced County from 2005-2010. Most recently Hill worked on with a team to develop a GIS tool entitled *Putting Youth on the Map*. The tool was used to present accurate, compelling and actionable community-scale data about the condition of youth. More information can be found at <http://pyom.ucdavis.edu>.

Specialty:

Areas of Expertise:

- Sociological and Technological Change Affecting Individuals, Families, and Communities
- Community Institutions, Health, and Social Services
- Youth Development
- Community Development
- Youth Development
- 4-H Program
- SET (Science, Engineering and Technology)
- Healthy Families and Communities

Web/Social Media Site:

<http://cemerced.ucanr.edu>
<http://merced4h.ucdavis.edu>

Sean Hogan

UC Agriculture & Natural Resources IGIS Program Coordinator

ANR Informatics and GIS Statewide Program

2801 Second Street

Davis, CA 95618

(530) 750-1322

sdhogan@ucanr.edu



Biography:

Sean Hogan joined ANR on September 2, 2014 as an academic coordinator to provide IGIS analysis, coordination and support to the Informatics and Geographic Information Systems (IGIS) team to meet the IGIS mission.

Education:

Hogan earned a double major B.A. in Spanish and Geography from CSU Sacramento and a M.A. in Geography from UC Davis. The core emphasis of his master's thesis was mapping spatial variability of water quality across California's rangeland watersheds. He is currently a Ph.D. candidate in Geography at UC Davis, completing a dissertation interested in: "*Machine learning and data fusion methods for optimizing remote sensing and GIS based land cover classifications.*"

Experience:

Prior to joining ANR, Hogan was a teacher assistant and a graduate student researcher at UC Davis, in the Departments of Land, Air and Water Resources and Plant Sciences (2007 - 2014). Most recently he was a member of the UCD Center for Spatial Technology and Remote Sensing where he provided GIS and remote sensing support for interests in precision agriculture, monitoring natural resources and calibration of NASA's airborne imagers. Prior to this, he was a member of the UCD Rangeland Watershed Laboratory, where he provided GIS support for rangeland management and water quality research. GIS and remote sensing however were not Hogan's first career specialties. Prior to perusing a path in higher education, he was a deputy sheriff in the County of Sacramento (1998-2004), and before that grew up on a small ranch in the rural foothills of California, where he trained horses and helped his father with his work as a professional logger.

Specialty:

- Remote sensing of agriculture and natural resources
- Geographic Information Systems
- Rangeland and forest ecology

Areas of Expertise:

- Languages Spoken: Spanish
- Forest and Range Resources
- General Forest / Range / Wildlife Commodities / Habitats
- Watersheds and River Basins
- Natural Resources: Water, Soil and Land
- Water Quality, Quantity, and Security
- Atmosphere: Air, Weather, Climate
- Sustainable Natural Ecosystems
- Safe and Secure Food Supplies
- Sustainable Food Systems

Web/Social Media Site:

<http://ucanr.org/sites/rec/>

<http://igis.ucanr.edu/>

Shannon Horrillo, Ph.D.

*UC Agriculture & Natural Resources Associate Director of
4-H Program & Policy*

California State 4-H Office

University of California, Agriculture and Natural Resources

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Davis, CA 95618-7774

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sjhorrillo@ucanr.edu



Biography:

Dr. Shannon Horrillo joined ANR on May 1, 2011 as the Associate Director of 4-H Program and Policy. In her role, Horrillo provides leadership to the implementation of the 4-H Youth Development Program. She has created and implemented strategic ways to support the growth and development of the 4-H Youth Development Program, volunteers and staff. Horrillo has experience developing high-quality positive youth development programs that are research-based and meet the needs of youth, families and communities in California. She has extensive experience in the development and implementation of large-scale evaluations and in communicating outcomes to stakeholders. Horrillo is dedicated to youth development work and enjoys serving the state of California by creating healthy families and communities.

Education:

Horrillo earned a Ph.D. in Human Development, an M.S. in Child Development and a B.S. in Human Development, all from UC Davis.

Experience:

Before accepting her current position as Associate Director of 4-H Program and Policy, Horrillo served as 4-H Youth Development Advisor for Placer and Nevada counties from 2008 to 2011.

Specialty:

- Program Administration
- Positive Youth Development
- Adolescent Development
- Evaluation

Areas of Expertise:

- Families, Youth, and Communities
- Youth Development
- 4-H Program

Web/Social Media Site:

<http://4h.ucanr.edu>

<https://www.facebook.com/california4H>

<https://twitter.com/California4H>

<http://www.youtube.com/user/California4h>

<http://pinterest.com/california4h/>

<http://4hvolunteercafe.wordpress.com/>

<http://instagram.com/ca4h>

Anne Iaccopucci

*UC Agriculture & Natural Resources Academic Coordinator of
the 4-H Healthy Living Initiative*

California 4-H Youth Development Program
Agriculture and Natural Resources
2801 Second Street
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(530) 750-1339

amiaccopucci@ucanr.edu



Biography:

Anne Iaccopucci joined UC ANR on October 16, 2012 as the 4-H healthy living academic coordinator with responsibility for providing direction for implementation of the 4-H Healthy Living Initiative. Iaccopucci is working to integrate the Healthy Living Initiative with youth development, nutrition and other health-related research and outreach.

Education:

Iaccopucci holds an M.A. in Child Development from California State University, Sacramento and a B.A. in Human Development from Sonoma State University.

Experience:

From 2007 until joining UC ANR, Iaccopucci was the senior youth program manager for Breathe California of Sacramento-Emigrant Trails and brings experience in health-related programming, curricula development and working with youth teams.

Specialty:

Areas of Expertise:

- Healthy Lifestyle
- Youth Development
- Community Development
- EFNEP
- 4-H Program
- Healthy Families and Communities

Web/Social Media Site:

<http://www.ca4h.org/>

Gregory Ira

UC Agriculture & Natural Resources Academic Coordinator of the California Naturalist Program

California Naturalist Program
UC Agriculture & Natural Resources
2801 Second Street
Davis, CA 95618
(530) 750-1265
gcira@ucanr.edu



Biography:

Gregory “Greg” Ira joined ANR on October 1, 2015 as a California Naturalist Coordinator. Ira is involved in the planning, management and operations of the program and its many partnerships. After completing his Bachelor’s in Environmental Studies and Master’s in Asian Studies, he worked for six years in the Philippines integrating conservation into the context of rural development. In Florida, he served as the director of the Office of Environmental Education and the director of the Office of Environmental Education and Sustainable Initiatives from 2000-2015. When he is not working, Ira enjoys combining photography with hiking, biking, paddling and the hobbies of his wife and three boys.

Education:

Ira completed a M.A. in Asian Studies from the University of Hawaii at Manoa (1992) and a B.A. in Environmental Studies from Prescott College (1987).

Experience:

Prior to joining ANR, Ira held two positions with the State of Florida Department of Environmental Protection from 2000-2015. His initial focus was on environmental education where he established three statewide programs: 1) Learning in Florida’s Environment Program, 2) Florida Green School Network and Awards, and 3) Science, Technology and Environment teacher professional development program. In 2014, when the Sustainable Initiatives program merged with environmental education, Ira assumed oversight of three additional statewide programs: 1) Florida Green Lodging Program, 2) Florida Clean Vessel Act Grants, and 3) Florida Clean Marina Program. At the International Institute of Rural Reconstruction (1992-1998), Ira served as an environmental specialist, program manager and program director for the Environment, Natural Resources and Agriculture program. This work involved training, the production of extension materials, and collaborative field projects with local non-governmental organizations in Asia and parts of East Africa.

Specialty:

- Language: Tagalog (Pilipino) Moderate
- Environmental Education

Areas of Expertise:

- Recreational Resources
- Conservation and Efficient Use of Water
- Pollution Prevention and Mitigation
- Outdoor Recreation
- Conservation of Biological Diversity
- Sustainable Natural Ecosystems
- Water Quality, Quantity, and Security
- Science Literacy in Natural Resources, Agriculture, and Nutrition

Web/Social Media Site:

<http://calnat.ucanr.edu/>

<https://www.linkedin.com/nhome/?trk=>

Jeremy James, Ph.D.

*UC Cooperative Extension Specialist & Director of the
Sierra Foothill Research & Extension Center*

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jjjames@ucanr.edu



Biography:

Dr. Jeremy James joined UCCE on August 1, 2012 as rangeland specialist and director of the Sierra Foothill Research and Extension Center.

Education:

James earned a B.S. in Ecology from Cal Poly, San Luis Obispo and a Ph.D. in Plant Biology from UC Davis. His dissertation research at Davis focused on rangeland management and restoration issues in the Intermountain regions of California.

Experience:

Previously, James was a rangeland ecologist at Eastern Oregon Agricultural Research Center in Burns, Ore., a position he has held since 2004. His research and extension programs focus on postfire rangeland restoration as well as management and restoration of rangeland threatened or dominated by medusahead and other noxious weed species. He also studies impacts of management on ecosystem services that rangelands provide society. James recently was awarded a \$500,000 NIFA grant through the Rangeland Research Program to lead a four-state research, extension and education program focusing on rangeland restoration following invasive species eradication. James also is part of a five-year, \$3.2 million Integrated Pest Management Research and Extension Program for medusahead, funded through a USDA Area-wide IPM program with cooperators in Oregon, Idaho, Nevada, Utah and California.

Specialty:

Areas of Expertise:

- Hardwood Rangelands
- Natural Resources

Web/Social Media Site:

<http://ucanr.org/sites/sfrec/>

Lindsay Jordan

UC Cooperative Extension Advisor in Madera, Merced & Mariposa Counties

UC Cooperative Extension Madera County
328 S. Madera Avenue
Madera, CA 93637-5465
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lmjordan@ucanr.edu



Biography:

Lindsay Jordan joined UCCE on February 17, 2015 as a viticulture area advisor.

Education:

Jordan earned a B.S. in Viticulture and Enology from UC Davis in 2011 and a M.S. in Horticulture from Cornell University in 2014.

Experience:

Jordan's viticulture experience began as an undergraduate at UC Davis, where she majored in Viticulture and Enology and participated in undergraduate research investigating the hydraulic conductivity of *Vitis* xylem vessels. Jordan then went on to graduate school at Cornell University where she earned her M.S. in Horticulture in August of 2014. For her research, she led trials in Riesling vineyards in the Finger Lakes region of upstate New York that evaluated the effects of under-vine ground covers on vine growth and fruit and wine quality to promote sustainable vineyard floor management. Jordan was the recipient of the Cornell Fredrick Dreer Award, which enabled her to travel to New Zealand and be a part of an under-vine management study lead by the Eastern Institute of Technology in Marlborough for the 2014 growing season. Jordan has worked at several commercial wineries for harvest in vineyard and lab technician positions, including Pernod Ricard Winemakers in Blenheim, New Zealand, and Mumm Napa and Quintessa in the Napa Valley before joining UCCE.

Specialty:

- Winemaking and wine laboratory analysis

Areas of Expertise:

- Grapes
- Grapes - General
- Raisin Grapes
- Table Grapes
- Wine Grapes
- Grapes - Other
- Integrated Pest Management Systems
- Conservation and Efficient Use of Water
- Soil
- Appraisal of Soil Resources
- Soil, Plant, Water, Nutrient Relationships
- Management of Saline and Sodic Soils and Salinity
- Protect Soil From Harmful Effects of Natural Elements

Web/Social Media Site:

<http://cemadera.ucanr.edu/>

<http://cemerced.ucanr.edu/>

<http://cemariposa.ucanr.edu/>

Twitter: @LJtheGrape

Shimat Joseph, Ph.D.

UC Cooperative Extension Advisor in Monterey, San Benito & Santa Cruz Counties

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Biography:

Dr. Shimat Joseph joined UCCE on December 3, 2012 as IPM entomology advisor. Joseph focuses on pest problems affecting crops including cool-season vegetables such as lettuce, broccoli, spinach, celery and cauliflower as well as berries, ornamental nursery, and other specialty crops.

Education:

Joseph earned a B.S. in Agriculture at Kerala Agricultural University in India. He earned an M.S. and a Ph.D. both in Entomology at the University of Georgia.

Experience:

Joseph worked at the Winchester Agricultural Research and Extension Center at Virginia Tech studying management strategies for the exotic brown marmorated stink bug in fruit trees. As a post-doc, he was involved in research on tomato spotted wilt virus and its thrips vectors in tomato and pepper.

Specialty:

- Entomology

Areas of Expertise:

- Cole Crops - General
- Insects, Mites, and Other Arthropods Affecting Plants
- Biological Control of Pests Affecting Plants
- Integrated Pest Management Systems
- Beneficial Insects
- Endemic Species
- Invasives

Web/Social Media Site:

<http://cemonterey.ucanr.edu>

Betsy Karle

UC Cooperative Extension Advisor & Director of Glenn County

Cooperative Extension Glenn County

PO Box 697

821 E. South Street

Orland, CA 95963

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bmkarle@ucanr.edu



Biography:

Betsy Karle joined UCCE on June 25, 2014 as area dairy advisor and county director. Karle grew up on her family's Sonoma County dairy where she played an active role in the overall management of the herd.

She exhibited her Holstein dairy cattle at fairs and shows throughout Northern California for several years. Karle helped manage water quality projects for the dairy and subsequently developed an interest in water quality in agricultural watersheds. She resides in Orland with her husband and two children.

Education:

Karle earned her M.S. in Ecology and a B.S. in Agricultural Systems and Environment from UC Davis.

Experience:

Prior to joining UCCE, Karle worked as a dairy program representative for UC Davis Department of Animal Science since October 2011. Karle also worked as a dairy program representative for UCCE Glenn and Tehama Counties from October 2007 to October 2011 in addition to serving as a 4-H leader for five years.

Specialty:

Areas of Expertise:

- Animal Commodities and Products - General
- Livestock and Dairy
- Livestock and Dairy - General
- Dairy Cattle / Milk / Other Dairy Prod
- Goats and Goat Products
- Livestock and Dairy - Other
- Pasture - Irrigated
- Animal Welfare/Well-Being and Protection
- Environmental Stress in Animals
- Animal Management Systems
- Improved Animal Products (Before Harvest)
- Protect Food From Contamination By Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
- Watershed Protection and Management
- Commercial
- Organic
- Small Farms
- Science Literacy in Natural Resources, Agriculture, and Nutrition
- Sustainable Food Systems

Web/Social Media Site:

<http://ceglenn.ucanr.edu>

Faith Kearns, Ph.D.

UC Agriculture & Natural Resources California Institute for Water Resources (CIWR) Coordinator

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Franklin 10206
Oakland, CA 94607-5200
(510) 987-9124
faith.kearns@ucop.edu



Biography:

Dr. Faith Kearns joined ANR on March 1, 2013 as Water Analyst with the California Institute for Water Resources. On July 1, 2015, Kearns began a new position as Academic Coordinator with the institute. Her research interests lie at the intersection of science communication, community engagement, and relationship-building, particularly as these topics relate to the environment and water resources.

Education:

Kearns received her Ph.D. in Environmental Science, Policy, and Management with an emphasis on freshwater ecology from UC Berkeley and a B.S. in Environmental Science from Northern Arizona University.

Experience:

Before accepting her current position, Kearns was coordinating research and outreach programs for the water institute. Kearns has served as officer with the science division of the environment program at the Pew Charitable Trusts where she collaborated with policy and advocacy staff to develop research projects and integrate scientific information into campaigns. She has also managed a wildfire research and outreach center at UC Berkeley, served as a AAAS Science and Policy Fellow at the U.S. Department of State, and developed science communication projects at the Ecological Society of America.

Specialty:

- Science communication
- Social media
- Community engagement

Areas of Expertise:

- Water
- Watersheds and River Basins
- Wetland and Riparian Systems
- Conservation and Efficient Use of Water
- Watershed Protection and Management
- Natural Resources, General
- Interact With the Media
- Computer Programming
- Geographic Information Systems
- Social Learning in Agriculture and Food Systems
- Nutrients and Water in Agricultural Landscapes
- Responding to Climate Change
- Water Quality, Quantity, and Security

Web/Social Media Site:

ciwr.ucanr.edu
[Twitter: @frkearns](https://twitter.com/frkearns)

Susie Kocher

UC Cooperative Extension Advisor in the Central Sierra

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Biography:

Susie Kocher joined UCCE on September 7, 2012 as forestry and natural resources advisor in the Central Sierra, serving Amador, Calaveras, El Dorado, and Tuolumne counties.

Education:

Kocher earned a B.A. in Anthropology from the University of Iowa and an M.S. in Forestry from the University of Washington.

Experience:

Since 2006, Kocher has been serving as CE advisor for natural resources, focusing on reducing the negative impacts of wildfire in Sierra forests. To reach more landowners and resource managers, she has developed the Forest Research and Outreach website and the forest stewardship webinar series. She will continue to coordinate the Sierra Nevada Adaptive Management Project outreach team, which is monitoring the effects of forest fuels reduction projects in two national forests in the Sierra Nevada through 2014.

Specialty:

- Bilingual in language(s) other than English: French
- Forestry, fire and water quality

Areas of Expertise:

- Forest Trees and Products
- Program and Project Support, Administration, and Communication
- Program and Project Design, and Statistics
- Communication, Education, and Information Delivery
- Natural Resources and Environment
- Watershed Protection and Management
- Management and Control of Forest and Range Fires
- Management and Sustainability of Forest Resources
- Watersheds and River Basins
- Domestic Policy Analysis

Web/Social Media Site:

<http://cecentralsierra.ucanr.org/>

<http://ucanr.edu/>

<http://ucanr.edu/blogs/ForestryNews/>

Twitter: @UCsierraforest

Car Mun Kok, Ph.D.

UC Cooperative Extension Advisor in Mendocino & Lake Counties

UC Cooperative Extension Lake County

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Lakeport, CA 95453

(707) 263-6838

cmkok@ucanr.edu



Biography:

Dr. Car Mun Kok joined UCCE on January 11, 2016 as an Area 4-H Youth Development Advisor. Her research interest is on the influence of family on children and youths' development of healthy dietary behaviors. For her dissertation, she explored the role of parental socialization during family mealtimes on youths' attitudes and behaviors regarding food and eating.

Education:

From the University of Nebraska-Lincoln, Kok earned her B.A. in Psychology, an M.S. in Child, Youth, and Family Studies, and a Ph.D. in Human Sciences.

Experience:

Prior to joining UCCE, Kok was a graduate research and teaching assistant since 2009 at the University of Nebraska-Lincoln, where she worked in various research projects with faculty. These included programs for children and youth in Nebraska in various fields of STEM, healthy living, and positive youth development. Some examples of her work included the 'Eat 4-Health' Healthy Living Workshop, the 'Grow a Beautiful Space' 4-H Youth Development Program, the 'Seeing i2i' cultural competence curriculum, and the Big Classroom Day at the Nebraska State Fair. Kok was also involved in research and programming related to nutrition education in childcare settings. Together with other Cooperative Extension professionals, she developed, implemented, and evaluated nutrition education programs for children and developed evidence-based resources for childcare providers. Kok has also secured internal and external grants to promote healthy eating and living in youth and families.

Specialty:

- Bilingual in language(s) other than English: Malay, Cantonese
- Mixed Methods Research and Design
- Cultural Competency and Diversity
- Evidence-based programming

Areas of Expertise:

- Human Nutrition
- Nutrition Education and Behavior
- Obesity Prevention
- Human Development and Family Well-Being
- Youth Development
- 4-H Program
- Healthy Families and Communities

Web/Social Media Site:

<http://cemendocino.ucanr.edu>

<http://celake.ucanr.edu/>

<https://www.facebook.com/Mendocino-County-4-H-447232965418544/>

<https://www.facebook.com/LakeCounty4HProgram/>

Sahap Kaan Kurtural, Ph.D.

*UC Cooperative Extension Specialist in the Department of
Viticulture & Enology at UC Davis*

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skkurtural@ucdavis.edu



Biography:

Dr. Sahap Kaan Kurtural joined UCCE on November 16, 2015 as a Cooperative Extension specialist in viticulture in the Department of Viticulture and Enology at UC Davis. Dr. Kurtural's research focuses on three main parts with short and long-term outcomes: 1) improving production efficiency in vineyards by applying principles of canopy and crop load management using vineyard mechanization and applied water amounts; 2) identifying quality improvement traits in berry composition by translating fundamental research into applied production practices in vineyards; and 3) evaluating alternative methods of control invasive species in vineyards.

Education:

Kurtural earned his B.S. in Plant and Soil Science, an M.S. in Pomology and a Ph.D. in Plant Biology from Southern Illinois University Carbondale.

Experience:

Prior to joining UCCE, Kurtural was working as an associate professor of viticulture at California State University Fresno. He worked on vineyard mechanization and integration of these systems with applied water amounts in the San Joaquin Valley of California to optimize production efficiency. He has also worked on improving phenolic composition of wine grapes by investigating effects of cultural practices on hydroxylation patterns of anthocyanins and compositional shifts on grape berry skin proanthocyanidins affecting astringency.

Specialty:

- Bilingual in language(s) other than English: Turkish
- Precision viticulture, viticulture, vineyard mechanization, canopy management, & trellis systems

Areas of Expertise:

- Grapes
- Grapes - General
- Wine Grapes
- Grapes - Other
- Plant Product Quality and Utility (Preharvest)
- Plant Management Systems
- Program and Project Design, and Statistics

Web/Social Media Site:

<http://wineserver.ucdavis.edu/people/faculty.html?id=24>
Twitter: @kurtural

Igor Lacan, Ph.D.

*UC Cooperative Extension Advisor in San Mateo, San Francisco,
Alameda, Contra Costa & Santa Clara Counties*

Cooperative Extension San Mateo/San Francisco County
80 Stone Pine Road, Suite 100
Half Moon Bay, CA 94019
(650) 726-9059 x 105
(510) 684 4323
ilacan@ucanr.edu



Biography:

Dr. Igor Lacan joined UCCE on June 18, 2013 as the Bay Area environmental horticulture advisor.

Education:

Igor earned a Ph.D. in Urban Forestry in the Department of Environmental Science, Policy and Management at UC Berkeley, as well as an M.S. in Aquatic Ecology, and a B.S. in Bioresource Sciences and a B.A. in Latin, all at UC Berkeley (Go Bears!).

Experience:

Prior to joining UCCE, Igor held a tenure-track position as assistant professor of urban ecology at Portland State University (Portland, Oregon). Earlier in his career, Igor worked on several diverse aspects of applied research and environmental management in California, including water management in the Sacramento-San Joaquin Delta, urban forest inventory and management and grasslands inventory and management in the San Francisco Bay Area, the ecology and management of imperiled amphibians in the Sierra Nevada, and urban environmental health assessment in northern and central California. Igor's current research focuses on sustainable management of urban trees and urban water, and he continues to have an active interest in California environmental policy which he acquired after spending a year at the State Capitol as a California Science and Technology Policy Fellow.

Specialty:

- Bilingual in language(s) other than English: Croatian
- International Society of Arboriculture (ISA) Certified Arborist

Areas of Expertise:

- Trees – Ornamental / Landscape / Shade
- Parks and Urban Green Space
- Horticulture
- Water
- Watersheds and River Basins - Other
- Insects, Mites, and Other Arthropods Affecting Plants
- Pathogens and Nematodes Affecting Plants
- Conservation and Efficient Use of Water
- Watershed Protection and Management
- Urban Forestry
- Pollution Prevention and Mitigation
- Aquatic and Terrestrial Wildlife
- Conservation of Biological Diversity
- Domestic Policy Analysis
- Responding to Climate Change

Web/Social Media Site:

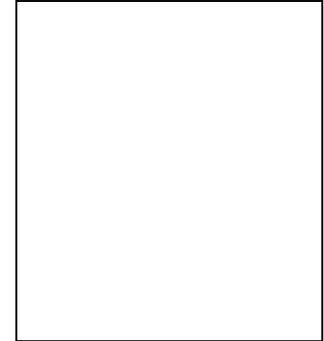
<http://cesanmateo.ucanr.edu>

Kara Lang, Ph.D.

UC Cooperative Extension Advisor – Nutrition, Family & Consumer Sciences in Central Sierra

UC Cooperative Extension Central Sierra
Calaveras, Tuolumne, Amador & El Dorado Counties
UC Agriculture & Natural Resources
891 Mountain Ranch Road
San Andreas, CA 95249
(209) 754-6476

kelang@ucanr.edu



Biography:

Dr. Kara Lang joined UCCE on September 8, 2015 as a Nutrition, Family and Consumer Sciences Advisor serving the Central Sierra Multi-County Partnership.

Education:

From UC Davis, Lang completed a Ph.D. in Nutritional Biology and a M.S. in Nutrition where she conducted clinical research at the USDA Western Human Nutrition Research Center. Lang earned a B.S. in Nutritional Physiology and Metabolism from UC Berkeley. She is currently working towards certification as a Registered Dietitian with an anticipated completion date of 2016.

Experience:

Prior to joining UCCE, Lang was serving in concurrent positions. For Fresno State University, Department of Food Science and Nutrition, she was an Adjunct Professor educating undergraduate, graduate students, and dietetic interns developing nutrition and food science research projects. For UC Davis California Institute for Rural Studies, Lang was working as a Research Coordinator, coordinating research activities for a USDA Agricultural Marketing Service Local Food Promotion Program in Merced County where she designed and implemented clinical and community-based nutrition research projects, secured funding to support research initiatives, and managed research teams. For the Central California Regional Obesity Prevention Program, Lang was a Program Evaluation Specialist serving as lead evaluator of nutrition education, community nutrition, and food systems projects. She has experience working on state level food policy issues as a member of the California Food Policy Council and with the California Farmers Market Consortium.

Specialty:

- Energy Metabolism in Obese Pregnant & Lactating Women
- Maternal & Child Health
- Endocrinology of Obesity

Areas of Expertise:

- Requirements & Function of Nutrients and Other Food Compounds
- Nutrient Composition of Food
- Nutrition Education & Behavior
- Nutrition & Hunger in the Population
- Obesity Prevention
- Food Safety
- Community Development
- Food and Society
- Healthy Families & Communities

Michelle Leinfelder-Miles, Ph.D.

*UC Cooperative Extension Advisor in San Joaquin, Contra Costa,
Sacramento, Yolo & Solano Counties*

Cooperative Extension San Joaquin County
2101 East Earhart Avenue
Suite 200
Stockton, CA 95206
(209) 953-6120
mmleinfeldermiles@ucanr.edu



Biography:

Dr. Michelle Leinfelder-Miles joined UCCE on January 23, 2012 as the Delta crops resource management advisor.

Education:

Leinfelder-Miles earned a B.S. in Crop Science and Management, with an emphasis on vegetable and pome crops, from UC Davis and a M.S. and Ph.D. in Horticulture from Cornell University. Between her master's and Ph.D. programs, she spent a year studying olives, wine grapes and kiwifruit in Spain, Chile and New Zealand, respectively.

Experience:

A sixth-generation farmer, Leinfelder-Miles has worked with her family to raise row crops on their farm in the community of Colledgeville in San Joaquin County. Prior to joining UCCE, she worked as a science and technology fellow with the California State Senate.

Specialty:

- Crop Production, Soil and Water Quality, the Delta

Areas of Expertise:

- Field Crops - General
- Fruit Crops - General
- Water
- Soil
- Plant Management Systems
- Appraisal of Soil Resources
- Soil, Plant, Water, Nutrient Relationships
- Sustainable Natural Ecosystems
- Water Quality, Quantity, and Security
- Sustainable Food Systems

Web/Social Media Site:

<http://cesanjoaquin.ucanr.edu>
<http://ucanr.org/sites/deltacrops/>

Kendra Lewis, Ph.D.

UC Agriculture & Natural Resources 4-H Evaluation Coordinator

California State 4-H Office
Agriculture and Natural Resources
2801 Second Street
Davis, CA 95618-7774
(530) 750-1337
kmlewis@ucanr.edu



Biography:

Dr. Kendra Lewis joined ANR on August 1, 2014 as 4-H evaluation coordinator. She uses her research in positive youth development, as well as her skills in data management and statistical analyses to work with 4-H advisors, Cooperative Extension Specialists, Community Education Specialists, and 4-H volunteers to plan, implement, and document the evaluation of the statewide 4-H Youth Development Program.

Education:

Lewis earned a Ph.D. and an M.S. in Human Development and Family Studies from Oregon State University, and she completed a B.A. in Child Development from CSU Chico.

Experience:

Before accepting her current position, Lewis was working part time as an academic coordinator for the 4-H Youth Development Program since January 2014, managing statewide evaluation data, planning and implementing evaluation of 4-H programming in collaboration with others, and managing the collection of statewide data and analysis. Lewis also worked as a postdoctoral scholar at UC Davis Department of Human Ecology from August 2012 to July 2014. In this position, Lewis focused on the *4-H Thrive!* initiative delivered to 4-H youth throughout the state of California in the 4-H club program.

Specialty:

- Positive Youth Development
- Program Evaluation

Areas of Expertise:

- Families, Youth, and Communities
- Youth Development
- Human Development and Family Well-Being

Web/Social Media Site:

<http://ucanr.edu/sites/YFC/>
<http://4h.ucanr.edu>

Danielle Lightle, Ph.D.

UC Cooperative Extension Advisor in Glenn, Butte & Tehama Counties

UC Cooperative Extension Glenn County
PO Box 697
821 E. South Street
Orland, CA 95963
(530) 865-1153
dmlightle@ucanr.edu



Biography:

Dr. Dani Lightle joined UCCE on February 10, 2014 as orchard systems advisor.

Education:

Dr. Lightle earned a Ph.D. in Entomology from Oregon State University. Her research focused on developing a sustainable management plan for an aphid virus-vector in red raspberry through incorporation of varying aspects of the raspberry cropping system, including aphid and natural enemy phenology, aphid interactions with plant viruses, and host plant resistance. Dani also earned a B.A. in Biology from The College of Wooster.

Experience:

Prior to joining UCCE, Dani worked as a Postdoctoral Scholar for the Oregon Wine Research Institute where she researched genomic variation and insect transmission of Grapevine Red Blotch Disease. From 2009 to 2013, she worked as a graduate research assistant at Oregon State University where she electronically monitored feeding behavior of aphids on resistant and susceptible cultivars to develop disease management approaches for raspberry growers. From 2008 to 2009, Dani was a biological technician for USDA-ARS Horticultural Crops Research Laboratory where she researched the effects of sugar on the physiology, olfactory preferences, and reproductive output of a parasitic wasp. Prior to 2008, Dani worked as a technician in entomology and plant pathology labs at The Ohio State University, where she studied movement of fungal pathogens and ecological effects of the invasive Emerald Ash Borer.

Specialty:

- Insect Feeding Behavior
- Insect Vectors of Plant Viruses

Areas of Expertise:

- Fruit and Nut Crop – General
- Nut Crops
- Almonds
- Walnuts
- Olives
- Insects, Mites, and Other Arthropods Affecting Plants
- Pathogens and Nematodes Affecting Plants
- Biological Control of Pests Affecting Plants
- Integrated Pest Management Systems
- Beneficial Insects

Web/Social Media Site:

<http://ceglenn.ucanr.edu>

Bruce Linqvist, Ph.D.

*UC Cooperative Extension Specialist in the Department of
Plant Sciences at UC Davis*

Department of Plant Sciences
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1210 Plant and Environmental Sciences Building
Davis, CA 95616-8780
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balinquist@ucdavis.edu



Biography:

Dr. Bruce Linqvist joined UCCE on July 1, 2013 as rice cropping systems specialist.

Education:

Linqvist earned a Ph.D. in Agricultural Ecology and an M.S. in International Agricultural Development at University of California, Davis, and a B.S. in Agronomy at Texas A&M University.

Experience:

After completing his PhD, Linqvist worked as a post-doc at UC Davis where he studied the effects of changing straw management practices on rice production and nutrient cycling. He subsequently worked with the International Rice Research Institute (IRRI) for 8 years, working in Laos on upland and lowland rice systems.

After returning to Davis in 2005, Linqvist worked closely with farm advisors and farmers in his research program. His research focuses on a wide range of issues to help ensure the sustainability of rice systems and develop tools to help farmers manage them effectively. This includes developing sustainable and efficient nutrient management practices for rice that maintain or increase yields with limited loss to the environment. Water is an important and limited resource in California. Rice fields are managed in such a way that a significant amount of water is applied to these fields, much of which flows through the field and ends up back in the states surface waters. Given this, both water use and water quality are concerns that Linqvist is addressing in his research program. Water, straw and nutrient management all affect greenhouse gas emissions (methane being of particular concern in rice), and he is quantifying GHG emissions from these systems as well as identifying possible ways to reduce them. Linqvist also works with breeders to develop tools and models to predict crop developmental stages that will allow farmers to better manage their inputs and time.

Specialty:

- Rice
- Sustainable management of rice systems: fertility management, nutrient and carbon cycling, water use, water quality, and greenhouse gas emissions.

Areas of Expertise:

- Rice
- Soil
- Plant Management Systems
- Integrated Pest Management Systems
- Conservation and Efficient Use of Water
- Sustainable Food Systems
- Water Quality, Quantity and Security

Web/Social Media Site:

<http://www.plantsciences.ucdavis.edu/plantsciences/>

Margaret Lloyd, Ph.D.

UC Cooperative Extension Advisor in Yolo, Solano & Sacramento Counties

Cooperative Extension Yolo County
70 Cottonwood Street
Left Side of Building
Woodland, CA 95695
(530) 564-8642
mglloyd@ucanr.edu



Biography:

Dr. Margaret Lloyd joined UCCE on July 6, 2015 as small farms advisor.

Education:

From UC Davis, Lloyd received a Ph.D. and a M.S. in Plant Pathology and a M.S. in International Agricultural Development. From Tufts University, she earned a B.A. in Environmental Science and a B.A. in International Relations.

Experience:

Prior to joining UCCE, Lloyd was a graduate student researcher in the Department of Plant Pathology at UC Davis researching non-chemical alternatives to methyl bromide. Lloyd was previously running a small Bay Area business training and consulting on closed-system, low-input, whole diet farming. In 2005, she completed a 2-year farm apprenticeship with John Jeavons in Willits, California. Over the years, she has served as an agricultural consultant in several ways. For Magavero Novestine Associate, an architecture, planning and development firm in Sacramento for whom she conducted a feasibility study of an integrated 200-family housing unit with a 5-acre farm to reduce energy, organic waste and water use. She worked for UC San Francisco in western Kenya, developing an integrated agricultural extension program for health clinics in serving HIV/AIDS population. And has traveled several times to West Africa serving in the USAID farmer-to-farmer program.

Specialty:

- Bilingual in language(s) other than English: French
- Organic

Areas of Expertise:

- Vegetable Crops, general
- Strawberries
- Soil and land, general
- Goats and goat products
- Plant protection, general
- Soil, plant, water, nutrient relationships
- Workgroup: Small farms
- Workgroup: Weeds
- Workgroup: Organic

Web/Social Media Site:

<http://ceyolo.ucanr.edu>
<http://cesolano.ucanr.edu/>
<http://cesacramento.ucanr.edu/>

Mark Lundy, Ph.D.

UC Cooperative Extension Specialist in the Department of Plant Sciences at UC Davis

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(530) 902-7295
melundy@ucdavis.edu



Biography:

Dr. Mark Lundy joined UCCE on June 28, 2013 as agronomy advisor. On October 1, 2015, Lundy was appointed grain cropping systems specialist in the Department of Plant Sciences at UC Davis. He has worked in a wide range of cropping systems, and his current crop focus is small grains and corn. His research and extension efforts attempt to: 1) leverage existing knowledge and emerging technology to solve practical problems; 2) produce outcomes that inform both production and environmental concerns; and 3) communicate these outcomes in farmer-accessible formats as well as to the broader scientific community. Research topics include: integrating technology into production practices; nutrient and irrigation management; water quality and conservation; and sustainable farming practices.

Education:

Lundy earned a B.A. in English from the University of Arizona and M.S. in international agricultural development and Ph.D. in agronomy from UC Davis.

Experience:

Assistant CE Specialist, Grain Cropping Systems, University of California, Davis (current)
Agronomy Advisor, University of California Cooperative Extension (2013-2015)

Specialty:

Areas of Expertise:

- [Field Crops - General](#)
- [Integrated Pest Management Systems](#)
- [Water](#)
- [Conservation and Efficient Use of Water](#)
- [Soil](#)
- [Soil, Plant, Water, Nutrient Relationships](#)
- [Weather and Climate](#)
- [Waste Disposal, Recycling, and Reuse](#)
- [Geographic Information Systems](#)
- [Nutrients and Water in Agricultural Landscapes](#)
- [Weeds](#)
- [Water Quality, Quantity, and Security](#)
- [Sustainable Food Systems](#)

Web/Social Media Site:

<http://smallgrains.ucdavis.edu>
<http://corn.ucanr.edu>

Tunyalee A. Martin, Ph.D.

*UC Agriculture & Natural Resources Academic Coordinator of the
Statewide Integrated Pest Management Program*

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Biography:

Dr. Tunyalee Martin joined ANR on January 17, 2014 as IPM Associate Director for Communications.

Education:

Tunyalee received her Ph.D., M.S. and B.S. degrees in Entomology, all from UC Davis.

Experience:

Before accepting her current position as the IPM Program Associate Director for Communications, Tunyalee was the Content Development Supervisor for IPM since 2008, managing the team of writers and editors that develop the content for print products and the IPM website. She continues working with ANR experts to help them extend their pest management research and knowledge through the website and publications.

Prior to joining ANR, Tunyalee was at the UC Office of the President serving as the liaison for Multicampus Research Programs, assisting with the development of new initiatives, and managing the UC Marine Council's research grants and fellowship program.

Tunyalee has worked for The Nature Conservancy's Invasive Species Team, was a research fellow studying the physiological control of molting at San Francisco State University, assisted the editors at the Journal of the American Mosquito Control Association, researched IPM practices for greenhouse flower pests, and was a scientific aid at CDFA's Biological Control Program.

Specialty:

- Communicating science
- Managing projects and supervising staff developing projects for the web and in print (photos, blog posts, newsletter articles, online tutorials, videos, brochures, ID cards, books, and website content)

Areas of Expertise:

- General Plant Commodities and Production
- Insects, Mites, and Other Arthropods Affecting Plants
- Biological Control of Weeds and Pests Affecting Plants
- Integrated Pest Management Systems
- Beneficial Insects
- Invasives

Web/Social Media Site:

<http://www.ipm.ucanr.edu/>
<http://www.youtube.com/user/UCIPM>
Twitter: @ucipm
Twitter: @ucipmurban

Fadzayi Mashiri, Ph.D.

UC Cooperative Extension Advisor in Mariposa, Madera & Merced Counties & Director of Mariposa County

Cooperative Extension Mariposa County
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Mariposa, CA 95338-9435
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fmashiri@ucanr.edu



Biography:

Dr. Fadzayi Mashiri joined UCCE on February 11, 2013 as rangeland and livestock advisor and director.

Education:

Mashiri holds a Ph.D. in rangeland management from the University of Arizona, an M.S. in management of natural resources and sustainable agriculture from Agriculture University of Norway and a B.S. in agriculture from University of Zimbabwe.

Experience:

Prior to joining UCCE, Mashiri was a senior research specialist at the University of Arizona, where she monitored the effects of adaptive management approach of grazing on vegetation since 2008. In Zimbabwe, she was a senior agricultural extension officer for Agriculture Extension Services, training extension agents and advising farmers from 1995 to 2000. She served the next two years as a lecturer and chairperson for the Department of Livestock and Wild life Management at Midlands State University in Zimbabwe.

Specialty:

Areas of Expertise:

- Management of Range Resources
- Range
- Beef Cattle/ Beef/Other Cattle Prod
- Sustainable Natural Ecosystems
- Sustainable Food Systems

Web/Social Media Site:

<http://cemariposa.ucanr.edu>

Chris McDonald, Ph.D.

*UC Cooperative Extension Advisor in San Bernardino,
Imperial & Riverside Counties*

UC Cooperative Extension San Bernardino County
777 East Rialto Avenue
San Bernardino, CA 92415-0730
(909) 387-2242
cjmcdonald@ucanr.edu



Biography:

Dr. Chris McDonald joined UCCE on January 4, 2010 as the desert natural resources advisor.

Education:

McDonald earned a Ph.D. in Renewal Natural Resources Studies at the University of Arizona. He studied the effects of common management techniques, specifically prescribed fire and livestock grazing, on reducing the abundance of two non-native invasive grasses. These two grasses threaten to alter the biodiversity, fire regime and economic activities of southern Arizona. McDonald earned an M.S. degree in Renewable Natural Resources also from the University of Arizona studying the fire ecology and pollination of an endangered cactus. He used his research results to improve management decisions in southern Arizona. He received a B.S. degree in Conservation Biology from UC Riverside.

Experience:

While working on his doctorate, McDonald co-taught 6th grade science for a year as part of a teaching improvement program and has conducted outreach activities to middle and high school students. Throughout his research career, he collaborated with ranchers, fire departments, government agencies, nongovernmental organizations and the public to improve management activities.

Specialty:

Areas of Expertise:

- Natural Resources and Commodities
- Plants and Their Systems
- Basic Plant Biology
- Natural Resources and Environment
- Alternative Uses of Land
- Conservation of Biological Diversity

Web/Social Media Site:

<http://cesanbernardino.ucanr.edu>

Concepcion Mendoza, Ph.D.

UC Cooperative Extension Advisor in Shasta & Trinity Counties

UC Cooperative Extension Shasta County

1851 Hartnell Avenue

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(530) 224-4900

cmendoza@ucanr.edu



Biography:

Dr. Concepcion Mendoza joined UCCE on May 19, 2008 as nutrition, family and consumer sciences advisor.

Education:

Mendoza earned her B.S. in Biology from Universidad del Valle in Cali, Colombia, her M.S. in Food Science and Technology from The Institute of Nutrition for Central America and Panama/Pan-American Health Organization, and her Ph.D. in Nutrition with a designated emphasis in International Nutrition from UC Davis.

Experience:

Prior to joining UCCE, Mendoza did consulting for the International Zinc Nutrition Consultative Group and UNICEF. From 1999 to 2004, she did research for the Western Human Nutrition Research Center at UC Davis and has been a postdoctoral researcher at UC Davis and UC Berkeley. Mendoza has more than 10 years of experience working in food and nutrition programs in developing countries.

Specialty:

- International Nutrition
- Food Science and Technology
- Human Mineral Absorption and Metabolism
- Nutrition, Family, and Consumer Sciences

Areas of Expertise:

- Human Nutrition, Food Safety and Human Health and Well Being
- Nutrition Education and Behavior
- UC CalFresh Nutrition Education Program
- Nutrition and Hunger in the Population
- Obesity Prevention
- Languages Spoken: Spanish
- Families, Youth, and Communities
- Individual and Family Resource Management
- Community Food Security
- Food System Assessments/Policy
- Urban Agriculture/Local and Regional Food Systems

Strategic Initiatives:

- Healthy Families and Communities
- Sustainable Food Systems

Web/Social Media Site:

<http://ceshasta.ucanr.edu>

JoLynn Miller

UC Cooperative Extension Advisor in the Central Sierra

Cooperative Extension Central Sierra

2 South Green Street

Sonora, CA 95370

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Biography:

JoLynn Miller joined UCCE on January 16, 2012 as the 4-H youth development advisor serving the four counties within the Central Sierra--Amador, Calaveras, El Dorado, and Tuolumne counties.

Education:

Miller earned an M.S. in Agricultural Education from Montana State and a B.S. in Agricultural Science from Cal Poly San Luis Obispo.

Experience:

Miller brings with her experience in non-formal teaching, outdoor science education, and delivering grant funded programs through 4-H. Miller served as a 4-H coordinator for the military program and mentoring partnership program in Gallatin County in Montana and as a teaching assistant in the Division of Agricultural Education at Montana State University. Miller is beginning to define her research program and is interested in volunteer impacts on youth outcomes, SET, and expanding the reach of 4-H.

Specialty:

Areas of Expertise:

- Youth Development
- 4-H Program
- SET

Web/Social Media Sites:

<http://cecentralsierra.ucanr.edu/>

Gemma Miner

UC Agriculture & Natural Resources Academic Coordinator

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Biography:

Gemma Miner joined ANR on May 17, 2010 as the 4-H Thrive academic coordinator. This position is funded through a gift from the Thrive Foundation for Youth to provide leadership to the rollout and implementation of the Step-It-Up-2-Thrive model. Miner is a youth development professional with 32 years of partnering with youth to help them develop confidence, leadership and individualized life skills. She enjoys gardening, reading, traveling, swimming and sunny days in the park with her family and friends.

Education:

Miner earned an M.S. in Recreation, Park and Tourism Administration and a B.S. in Recreation Administration, both from Western Illinois University. She also earned an Associate in Applied Science in Nursing and has been a pediatric registered nurse.

Experience:

Prior to joining ANR, most of Miner’s professional experience has been with a national, non-profit youth development agency, Camp Fire USA. She has provided extensive youth services including outdoor education, camping, school-aged childcare, at-risk youth programming, marketing and communications, and special event management. Miner has extensive experience in developing youth development trainings for staff, volunteers and youth. Miner is actively involved locally in the American Camp Association as an accreditation instructor and professional development chair.

Specialty:

- Youth Development
- Experiential Education
- Outdoor Program Administration and Accreditation
- Out-of-School Time Programming for Youth

Areas of Expertise:

- 4-H Program

Web/Social Media Site:

<http://4h.ucanr.edu/>
<https://www.facebook.com/california4H>
<https://twitter.com/California4H>

Keith C. Nathaniel, Ed.D.

*UC Cooperative Extension Advisor & Director in
Los Angeles County*

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kcnathaniel@ucanr.edu



Biography:

Dr. Keith Nathaniel was appointed as 4-H youth development advisor on March 1, 2007. On January 1, 2012, Nathaniel was also appointed director of LA County. As an advisor, he hopes to strengthen the 4-H presence throughout the county, create a structure for urban core youth to engage in meaningful service-oriented projects, and conduct an ethnographic study that looks at social capital among Latino and African-American communities.

Education:

Nathaniel received his doctorate in educational leadership from UC Los Angeles, a master's degree in education from Florida Agricultural and Mechanical University, and a bachelor's degree from UC Davis.

Experience:

Nathaniel's experience with UCCE LA County began on April 18 1994 as 4-H program representative and later as academic coordinator. He played a key role in developing and shaping the Teen Leadership Development Institute, a 4-H program that offers inner-city teens workshops to set goals, access college and engage in community service. Since 2002, more than 700 teens have participated in TLDI.

Specialty:

- Adolescent Development
- Educational Planning
- Social Capital and Community Networks
- Volunteer Professional Development

Areas of Expertise:

- Families, Youth, and Communities
- Youth Development
- 4-H Program

Web/Social Media Site:

<http://celosangeles.ucanr.edu>

Elina L. Niño, Ph.D.

UC Cooperative Extension Specialist in the Department of Entomology and Nematology at UC Davis

Department of Entomology and Nematology

University of California, Davis

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elnino@ucdavis.edu



Biography:

Dr. Elina Niño joined UCCE on September 1, 2014 as apiculture specialist.

Education:

Niño earned her B.S. in Animal Science from Cornell University, an M.S. in Entomology from North Carolina State University, and a Ph.D. in Entomology from The Pennsylvania State University.

Experience:

Prior to joining UCCE, Niño worked as a USDA NIFA-AFRI postdoctoral fellow at Penn State where she expanded on her Ph.D. work characterizing behavioral, physiological and molecular post-mating changes in honey bee queens in an effort to help improve bee breeding practices. She has also conducted a study on sociological factors of queen breeding. Niño has been involved in many outreach and extension programs including co-organizing an annual Queen Rearing Workshop to support beekeepers interested in queen rearing and bee breeding.

Specialty:

- Bilingual in language(s) other than English: Bosnian (Croatian, Serbian)

Areas of Expertise:

- Honey Bees, Honey and Bee Products
- Animal (Honey Bee) Diseases
- Reproductive Performance of Animals (Honey Bee)
- Animal (Honey Bee) Genome
- Animal (Honey Bee) Physiological Processes
- Environmental Stress in Animals (Honey Bees)

Web/Social Media Site:

Entomology Faculty Page: http://entomology.ucdavis.edu/Faculty/Elina_L_Niño/

Harry H. Laidlaw Jr. Honey Bee Research Facility: <http://beebiology.ucdavis.edu/>

Häagen-Dazs Honey Bee Haven: <http://hhbhgarden.ucdavis.edu/>

Anita Oberholster, Ph.D.

*UC Cooperative Extension Specialist in the Department of
Viticulture & Enology at UC Davis*

Viticulture & Enology

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(530) 754-4866

Mobile: (530) 430-0137 (Text messages OK)

aoberholster@ucdavis.edu



Biography:

Dr. Anita Oberholster joined UCCE on April 1, 2011 as specialist in enology.

Education:

Oberholster earned her B.S in Chemistry and Biochemistry and her Hons. in Chemistry from Stellenbosch University in South Africa and a Ph.D. in Wine Chemistry from the University of Adelaide in Australia.

Experience:

Prior to joining UCCE, Oberholster was affiliated with Stellenbosch University as a wine researcher for ten years. During her PhD studies, Oberholster was involved in the development of the mouth-feel wheel for red wine and investigated the changes in polymeric pigment structure and composition with wine aging. Oberholster's research focuses on two main parts: firstly, the influence of both viticultural practices and abiotic factors on grape ripening and composition and related wine quality; and secondly, the influence of different vinification practices on wine composition and quality. Sustainability in both focus areas are important and alternative practices to enhance sustainability is investigated, including the use of new technologies and 'green' chemicals' in the winery and the re-use of winery waste water for the irrigation of vines.

Specialty:

- Bilingual in language(s) other than English: Afrikaans
- Influence of different winemaking techniques on phenol composition and quality; more specifically the polymeric pigment and tannin formation and composition; development of techniques for the measurement thereof and their subsequent influence on mouth-feel.

Areas of Expertise:

- Wine Grapes
- Plant Biological Efficiency and Abiotic Stresses Affecting Plants
- Plant Product Quality and Utility (Preharvest)
- New and Improved Non-Food Products and Processes
- Communication, Education, and Information Delivery
- Natural Resources and Environment
- Waste Disposal, Recycling, and Reuse
- Community Resource Planning and Development

Web/Social Media Site:

<http://wineserver.ucdavis.edu/>

<http://www.twitter.com/aoberholster>

Judith Ottoson, Ed.D.

*UC Agriculture & Natural Resources Research Specialist of the
Nutrition Policy Institute (NPI)*

Nutrition Policy Institute
UC Agriculture & Natural Resources
2115 Milvia Street, Suite 3
Berkeley, CA 94704
jottoson@ucanr.edu



Biography:

Dr. Judith Ottoson joined ANR on October 1, 2015 as an academic evaluation research specialist.

Education:

Ottoson completed an Ed.D. in Education (Administration, Planning and Social Policy) from Harvard University, an M.P.H. in Public Health Education from the University of Hawaii, and a B.S.N. in Nursing from the University of Minnesota.

Experience:

Prior to joining ANR, Ottoson served in faculty positions as an associate professor at the Andrew Young School of Policy Studies at Georgia State University (1999-2004) and as a tenured Associate Professor in the Faculty of Education at the University of British Columbia (1991-1999). Her scholarship and teaching examine factors that influence the knowledge / practice relationship. She has focused her work in the fields of public health, health promotion, and adult education; substantive areas of evaluation have included active living, oral health, diabetes, violence prevention, injury control, school health, AIDS, substance abuse prevention, and nutrition education. From 2004 to 2015, she has taught program evaluation research in the Health Education Program at San Francisco State University, as well as worked as an independent evaluation consultant with the Robert Wood Johnson Foundation and Centers for Disease Control and Prevention.

Specialty:

- Program and Policy evaluation
- Public health
- Health education

Areas of Expertise:

- Program and Project Design, and Statistics
- Communication, Education, and Information Delivery
- Healthy Lifestyle
- Healthy Families and Communities

Web/Social Media Site:

http://ucanr.edu/sites/anrstaff/Nutrition_Policy_Institute/

Pramod Pandey, Ph.D.

*UC Cooperative Extension Specialist in the Department of
Population Health & Reproduction at UC Davis*

Department of Population Health and Reproduction
UC Davis

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4021 Vet Med 3B

Davis, CA 95616-8736

(530) 752-0615

Mobile: (530) 219-6286 (Text messages OK)

pkpandey@ucdavis.edu



Biography:

Dr. Pramod Pandey joined UCCE on June 1, 2013 as an assistant specialist CE/faculty in the population health and reproduction department, UC Davis. Dr. Pandey's research and extension plan is to derive engineering solutions (involving veterinarians, engineers, specialists, farm managers, and dairy farmers) for controlling microbial pathogens from animal waste. He uses basics of microbiology, hydrology, fluid and sediment transport, climate, and behaviors of bacteria at different environmental conditions to understand pathogenic bacteria control and transport from farms to ambient water.

Education:

Pandey earned a Ph.D. in Agricultural Engineering from Iowa State University, Ames, Iowa; a M.S. in Agricultural Engineering from Washington State University, Pullman, Washington; a Master of Technology (M.Tech.) in Aquaculture Engineering from Indian Institute of Technology, Kharagpur, India, and a Bachelor of Technology (B.Tech.) in Agricultural Engineering from Mahatma Gandhi Gramodya University, India.

Experience:

Prior to joining UCCE, Dr. Pandey was a postdoctoral scholar (2012 – 2013) at Iowa State University. Before starting his Ph. D. study, he worked at Texas A&M University System as a hydrological modeler from 2007 to 2009. From 2003 to 2005, he worked as a project officer at Indian Institute of Technology, Kharagpur, India.

Specialty:

- Bilingual in Language(s) other than English: Hindi
- Microbial Waste, Anaerobic Digestion, Aerobic Digestion, Manure Nutrients and Pathogens
- Non-Point Source Pollution, Watershed Hydrology, Stream Hydrologic
- Pathogen Fate and Transport
- Water Resources Management, Rainwater Harvesting, Rainfed Irrigation

Areas of Expertise:

- Water Quality, Quantity and Security
- Agricultural Resources and the Environment
- Watershed Protection and Management

Web/Social Media Site:

<http://www.vetmed.ucdavis.edu/vetext/>

<http://www.pramodpandey.com/>

Katie Helwig Panarella

UC Agriculture & Natural Resources Associate Director of the Nutrition, Family & Consumer Sciences Program & Policy

Youth, Families & Communities Statewide Program

UC Division of Agriculture & Natural Resources

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(530) 750-1393

khpanarella@ucanr.edu



Biography:

Katie Helwig Panarella joined ANR on July 13, 2015 as the Associate Director of the Nutrition, Family and Consumer Sciences Program and Policy for the Youth Families and Communities Statewide Program. She is also the Director of the Expanded Food and Nutrition Education Program (EFNEP) and Co-Leader of the Master Food Preserver Program.

Education:

From Tufts University, Panarella completed a MPH with Nutrition concentration and a M.S. in Food Policy and Applied Nutrition. She earned a B.S. in Environmental Economics and Policy from UC Berkeley.

Experience:

Prior to joining ANR, Panarella was self-employed as a research and evaluation specialist performing program evaluation for the ChopChop Kids' Cooking Lab funded by Harvard Pilgrim Health Care to assess objectives and short term outcomes for cooking classes available to children in low-income neighborhoods throughout Massachusetts. From 2010-2012, Panarella served as Health and Nutrition Manager for the Children's Council of San Francisco where she directed and administered all aspects of the USDA Child and Adult Care Food Program (CACFP) for day care home providers in San Mateo and San Francisco Counties. From 2005-2010, Panarella was Program Manager for the San Francisco Food Bank where she originated and developed a citywide nutrition program launched as pilot in 2008/2009 and ultimately made available to CalFresh recipients.

Specialty:

- USDA Emergency Food and Child Nutrition Programs

Areas of Expertise:

- Program and Project Design, and Statistics
- Nutrition Education and Behavior
- Nutrition and Hunger in the Population
- Obesity Prevention
- Master Food Preservers
- Nutrition Education
- EFNEP
- Languages Spoken: Spanish
- Community Institutions, Health, and Social Services

Web/Social Media Site:

http://ucanr.edu/sites/EFNEP_CA/

<http://ucanr.edu/sites/YFC/>

Doug Parker, Ph.D.

*UC Agriculture & Natural Resources Director of the
California Institute for Water Resources (CIWR)*

ANR

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(510) 987-0036

doug.parker@ucop.edu



Biography:

Dr. Doug Parker rejoined ANR on October 1, 2011 as director of the California Institute for Water Resources (CIWR). CIWR is a special program within ANR, enabled by the federal Water Resources Research Act, with the mission of supporting research and extension activities that contribute to the efficient management of California's water resources. Parker also serves as leader for the Water Quality, Quantity and Security strategic initiative.

Education:

Parker earned his bachelor's degree in Economics and Environmental Studies at UC Santa Barbara and a Ph.D. in Agricultural and Resource Economics at UC Berkeley.

Experience:

Prior to joining ANR, Parker served as director of the Mid-Atlantic Water Program where he worked with nine Land-Grant Institutions in the Mid-Atlantic region to bring resources to bear on local and regional water issues. He was also an associate professor of agricultural and resource economics and Cooperative Extension specialist at the University of Maryland. Before joining the University of Maryland in 1997, Parker served as an assistant Cooperative Extension specialist at UC Berkeley from 1993 to 1997.

Specialty:

Areas of Expertise:

- Economics of Agricultural Production and Farm Management
- Natural Resource and Environmental Economics
- Natural Resources and Commodities
 - Water
- Watersheds and River Basins - General
- Conservation and Efficient Use of Water
- Nutrients and Water in Agricultural Landscapes
- Responding To Climate Change
- Water Quality, Quantity, and Security

Web/Social Media Site:

http://ucanr.edu/sites/StrategicInitiatives/Water_quality,_quantity_-_security/ciwr.ucanr.edu

Twitter: @ucanrwater

Tapan Pathak, Ph.D.

UC Cooperative Extension Specialist in Climate Adaptation in Agriculture at UC Merced

Sierra Nevada Research Institute
University of California Merced
5200 N. Lake Road
Merced, CA 95343
(209) 228-2520
tpathak@ucanr.edu



Biography:

Dr. Tapan Pathak joined UCCE on February 2, 2015 as a specialist in climate adaptation in agriculture based at UC Merced.

Education:

Pathak earned a B.S. in Agricultural Engineering from Gujarat Agricultural University, India, an M.S. in Irrigation Engineering from Utah State University, and a Ph.D. in Agricultural Engineering from University of Florida.

Experience:

Pathak has more than ten years of academic experience in agricultural climatology area. Prior to joining UCCE, Pathak was an Extension faculty at the University of Nebraska since April 2010 with a program focus on climate applications in agriculture. He’s developed and disseminated scientific research tools and data products translating climatology and forecast into the decision support information for the agriculture sector. In addition, he has written several Extension articles and organized workshops across Nebraska focused on utilization of climate information in agricultural decision making, including in agricultural water management. From January 2005 to March 2010, Pathak was a graduate research assistant at the University of Florida – Gainesville, where he conducted research on DSSAT crop modeling and yield forecasting for cotton using climate information. Pathak was also a graduate assistant at Utah State University for three years (2002–2004) processing and utilizing high resolution remote sensing imagery for agricultural assessment utilities such as area mapping, classification, and in-season potato yield predictions. His research included the validation of an existing potato yield model with the use of airborne remote sensing imagery and field experiments conducted in farmer’s potato fields in Idaho.

Pathak is excited to bring his expertise in climate adaptations in agriculture and work as a team with UCCE colleagues and clientele towards building climate resilient agriculture.

Specialty:

- Bilingual in language(s) other than English: Hindi
- Crop Modeling Applications

Areas of Expertise:

- Cotton
- Fruit and Nut Crop – General
- Natural Resources and Commodities: Water
- Weather
- Climate
- Atmosphere – Other
- Natural Resources and Environment: Water - Conservation and Efficient Use of Water

Web/Social Media Site:

Jennifer Pelham

UC Cooperative Extension Advisor in San Diego & Orange Counties

UC Cooperative Extension San Diego County

9335 Hazard Way

Suite 201

San Diego, CA 92123

(858) 822-7839

jlpelham@ucanr.edu



Biography:

Jennifer Pelham joined UCCE on December 1, 2015 as an Area Environmental Horticulture Advisor.

Education:

From the University of Florida, Pelham earned an M.S. in Pest Management and a Master of Agribusiness. She completed a B.S. in Agricultural Business from Pennsylvania State University.

Experience:

Prior to joining UCCE, Pelham was an Extension Faculty in Horticulture at the University of Florida/IFAS Extension for 14 years. There, she planned, developed, promoted and conducted educational programs in horticulture for homeowners, professional landscapers and youth; maintained educational posts to Garden Florida social media sites; managed an organization of 75 Master Gardener volunteers; managed the “Plant Clinic,” a plant problem diagnostic clinic; wrote and published articles in local newspapers and newsletters; and created presentations, marketing brochures, educational fact sheets, and community exhibits.

Specialty:

- Arborist - Pruning Landscape Trees and Shrubs
- Water Conservation in the Landscape
- Home Vegetable Gardening
- Landscape Design

Areas of Expertise:

- Subtropical Fruits
- Ornamentals/Landscape/Turf - Other
- Ornamentals/Landscape/Turf - General
- Bedding/Garden Plants
- Landscape - General
- Trees - Ornamental/Landscape/Shade
- Turf/Sod
- Woody Shrubs and Ornamental Vines
- Horticulture
- Integrated Pest Management Systems
- Water
- Conservation and Efficient Use of Water
- Urban Forestry
- Programs: Master Gardeners

Web/Social Media Site:

<http://cesandiego.ucanr.edu/>

<http://ceorange.ucanr.edu/>

Alda Pires, DVM, MPVM, PhD

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Veterinary Medicine Extension

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University of California

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apires@ucdavis.edu



Biography:

Dr. Alda Pires joined UCCE on September 1, 2014 as an assistant CE Specialist for Urban Agriculture and Food Safety in the Department of Population Health and Reproduction at UC Davis Vet Med. Her research focuses on quantitative methods to identify strategies that improve animal health and control infectious diseases in livestock on small-scale farms. The goals of her research and extension programs are to identify mitigation strategies to reduce the dissemination of foodborne pathogens during pre-harvest on small-scale farms. She is interested in developing and applying epidemiological tools, such as temporal-spatial analysis, molecular analysis and risk assessment in order to support risk-based surveillance, infectious diseases control strategies, and the improvement animal health and food safety.

Education:

Pires completed her Ph.D in Veterinary Epidemiology from Michigan State University, East Lansing; a Master in Preventive Veterinary Medicine (MPVM) and a residency program in Food Animal Reproduction and Herd Health from School of Veterinary Medicine, University of California, Davis; and a DVM from UTAD, Portugal.

Experience:

Prior to joining UCCE, Pires worked as a Research Associate in the Center for Animal Disease Modeling and Surveillance (CADMS), Department of Medicine and Epidemiology, UC Davis.

Specialty:

- Language Spoken: Portuguese
- Urban Agriculture and Food Safety
- Epidemiology of Infectious Diseases
- Foodborne Pathogens

Areas of Expertise:

- Livestock and Dairy
- Animal Diseases
- Animal Management Systems
- Urban Agriculture/Local and Regional Food Systems
- Community Food Security
- Sustainable Food System
- Small Farms
- Safe and Secure Food Supplies
- Ensure Food Products Free of Harmful Chemicals, Including Residues From Agricultural and Other Sources
- Protect Food From Contamination By Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins

Web/Social Media Site:

<http://www.vetmed.ucdavis.edu/vetext/faculty/index.cfm>

<http://www.vetmed.ucdavis.edu/cadms/index.cfm>

Maurice Pitesky, DVM, MPVM

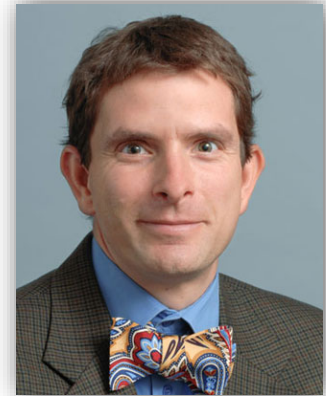
UC Cooperative Extension Specialist in the Department of Population Health & Reproduction at UC Davis

1089 Veterinary Medicine Drive VM3B, 4007

Davis, CA 95616

(530) 752-3215

mepitesky@ucdavis.edu



Biography:

Dr. Maurice Pitesky joined UCCE on May 1, 2013 as poultry health and food safety epidemiology specialist.

Education:

Pitesky earned his BS in biology from UCLA, MS in agriculture from California Polytechnic University, San Luis Obispo, and DVM and MPVM from UC Davis. Pitesky is also boarded in Preventative Veterinary Medicine (DACVPM).

Experience:

Pitesky's educational outreach and research interests in poultry developed during his tenure with the California Department of Food and Agriculture. In 2011 he began producing publications on poultry diseases for CDFA newsletters, Cooperative Extension and the California Veterinary Medical Association. He also began making numerous presentations at key poultry health venues in the state, including the California Egg Quality Assurance Program, the National Turkey Federation, the California Poultry Federation, the American Association of Avian Pathologists, and the Western Poultry Disease Conference.

Pitesky's research interests are focused on using GIS and spatial statistics to understand how avian diseases move in time and space. In 2013 he published an article in the journal *Avian Diseases* which compared FDA's and California's surveillance methods for *Salmonella* Enteritidis. In addition, he also published a paper in *Avian Diseases* focusing on the historical, spatial, temporal and time-space epidemiology of very virulent infectious bursal disease (vvIBDV) in California.

Specialty:

- Poultry Health and Food Safety Epidemiology

Areas of Expertise:

- Poultry
- Poultry - General
- Egg-Type Chickens/Eggs/Egg Products
- Meat-Type Chickens
- Poultry Meat and Meat Products
- Turkeys
- Poultry - Other
- Ducks and Geese
- Animal Diseases
- Environmental Stress in Animals
- Animal Management Systems
- Protect Food From Contamination By Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins
- Air
- Air Resource Protection and Management
- Waste Disposal, Recycling, and Reuse
- Climate Change
- Energy and Climate Footprinting
- Responding To Climate Change
- Food System Assessments/Policy
- Urban Agriculture/Local and Regional Food Systems
- Sustainable Natural Ecosystems
- Safe and Secure Food Supplies
- Energy Security and Green Technologies
- Sustainable Food Systems

Web/Social Media Site:

<http://www.vetmed.ucdavis.edu/index.cfm>

Katherine Pope, Ph.D.

UC Cooperative Extension Advisor in Yolo, Sacramento & Solano Counties

UC Cooperative Extension Yolo County
70 Cottonwood Street
Left Side of Building
Woodland, CA 95695
(530) 666-8733
kspope@ucanr.edu



Biography:

Dr. Katherine Pope joined UCCE on May 27, 2014 as area orchard systems advisor.

Education:

Pope earned her Ph.D. in Horticulture and Agronomy and an M.S. in International Agricultural Development from UC Davis and a B.A. in History from Harvard University. Her dissertation research centered on phenology and temperature in almonds, pistachios and walnuts – predicting the timing of bloom based on winter and spring conditions, detecting changes to the timing of bloom as temperatures have increased and examining the potential impacts of increasing temperatures on orchard yield.

Experience:

Prior to joining UCCE, Pope worked as a Post-doctoral Research Scholar for Ted DeJong, Department of Plant Sciences at UC Davis since May 2013. Her project focused on optimization of fertilizer management in walnuts through the development of a nutrient demand timing model and improved nutrient management tools. This project involves numerous UC Davis labs and UCCE farm advisors, and is funded by the California Walnut Board and California Department of Food and Agriculture. Pope was a Graduate Student Researcher at DeJong Lab from June 2009 to November 2013 working on her Doctoral Project: Assessing the Potential Impacts of Climate Change on California's Nut Tree Crops.

Specialty:

- Bilingual in language(s) other than English: Italian
- Experienced in R, Python, SAS and JMP

Areas of Expertise:

- Fruit and Nut Crop – General
- Nut Crops – General
- Almonds
- Pistachios
- Walnuts
- Deciduous Tree Fruits
 - Deciduous Tree Fruits – General
- Plant Production
 - Plant Biological Efficiency and Abiotic Stresses Affecting Plants
 - Plant Management Systems
 - Basic Plant Biology
- Languages Spoken: Spanish
- Climate Change
 - Responding to Climate Change

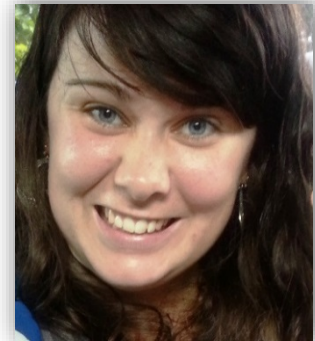
Web/Social Media Site:

<http://ceyolo.ucanr.edu/>
<http://cesacramento.ucanr.edu/>
<http://cesolano.ucanr.edu/>

Niamh Quinn, Ph.D.

UC Cooperative Extension Advisor in Orange, Los Angeles & San Diego Counties

UC ANR South Coast Research and Extension Center
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(949) 653-1813
nmquinn@ucanr.edu



Biography:

Dr. Niamh Quinn joined UCCE on November 3, 2014 as area vertebrate pest advisor.

Education:

Niamh earned a Ph.D. in Small Mammal Ecology and a B.S. in Zoology from National University of Ireland, Galway.

Experience:

Niamh was a postdoc fellow at the International Rice Research Institute, Crop and Environmental Sciences Division, Philippines, where she led projects on rodent and weed interactions in lowland rice agro-ecosystems in the Philippines and Indonesia. Niamh has also worked at the Institute of Integrative Biology at the University of Liverpool, United Kingdom, where she played a key role in supporting researchers in conducting field work, involving live trapping and data collection from wood mouse and bank vole populations. Niamh has also worked as a staff research associate for UC ANR Kearney Agricultural and Research Extension Center, providing lead for a project aimed to develop an index to evaluate populations of roof rats (*Rattus rattus*) in almond orchards.

Specialty:

- Wildlife Damage and Pest Management

Areas of Expertise:

- Ag Commodities and Products – General
- Wildlife
- Vertebrates, Mollusks, and Other (Non Arthropod, Pathogen, Nematode, Weed) Pests
- Integrated Pest Management Systems
- Aquatic and Terrestrial Wildlife

Web/Social Media Site:

<http://ceorange.ucanr.edu/>
<http://celosangeles.ucanr.edu/>
<http://cesandiego.ucanr.edu/>

Devii Rao

UC Cooperative Extension Advisor in San Benito, Monterey & Santa Cruz Counties

UC Cooperative Extension San Benito County
3228 Southside Road
Hollister, CA 95024
(831) 637-5346, Ext. 14
drorao@ucanr.edu



Biography:

Devii Rao joined UCCE on February 23, 2015 as an area livestock and natural resources advisor.

Education:

Rao earned a B.A. in Environmental Studies with a minor in Economics from UC Santa Cruz and an M.S. in Range Management from UC Berkeley.

Experience:

Prior to joining UCCE, Rao worked as a Rangeland Management Specialist for Point Reyes National Seashore since March 2012. She worked closely with 24 ranching families to identify priority issues and developed science-based solutions that allowed for both economically viable ranching operations and conservation of natural resources. Her outreach and education efforts in the Seashore have included presentations, coordination of conferences, and field tours. From 2008 to 2012, Rao worked as a private consultant in range management conducting rangeland research; preparing grazing management, manure management, and monitoring plans for conservation lands with special resources; as well as outreach and education in the form of individual consultations with ranchers, presentations at conferences, and peer-reviewed publications.

Specialty:

Areas of Expertise:

- Range
- Wildlife
- Watershed Protection and Management
- Natural Resources, General
- Management of Range Resources
- Conservation of Biological Diversity
- Geographic Information Systems
- Hardwood Rangelands
- Sustainable Natural Ecosystems

Web/Social Media Site:

<http://cesanbenito.ucanr.edu/>
<http://cemonterey.ucanr.edu/>
<http://cesantacruz.ucanr.edu/>

Karrie Reid

UC Cooperative Extension Advisor in San Joaquin County

Cooperative Extension San Joaquin County

2101 East Earhart Avenue, Suite 200

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skreid@ucanr.edu



Biography:

Karrie Reid joined UCCE on November 1, 2010 as Environmental Horticulture Advisor. A native of the Stockton area, Reid works with landscape professionals in public agencies, private companies, and the nursery industry on horticultural issues most critical to our urban environments. She focuses on water conservation, reduction of pollutants in urban runoff, best management practices for landscape maintenance and nursery production, reduction of green waste production and landfill disposal, and mitigation of urban landscapes' negative impacts on neighboring non-urban environments (specifically the San Joaquin Delta watershed).

Education:

Reid earned her B.S. in Biology from UC Santa Cruz and her M.S. degree in Horticulture and Agronomy from UC Davis.

Experience:

Prior to joining UCCE, Reid worked with Loren Oki, UCCE landscape horticulture Specialist, in the UC Davis Department of Plant Sciences on two projects related to landscape water conservation and quality. On one of those projects, she ran irrigation and climate zone trials on landscape ornamental plants. In the other, she was looking at characterizing the constituents of urban runoff water from single-family homes and attempting to influence homeowner practices to mitigate the negative impacts to local waterways.

Specialty:

- Landscape Horticulture
- Landscape Irrigation and Plant Water Use

Areas of Expertise:

- Plants and Their Systems
- Integrated Pest Management Systems
- Natural Resources and Environment
- Conservation and Efficient Use of Water
- Urban Forestry
- Pollution Prevention and Mitigation

Web/Social Media Site:

<http://ucanr.edu/sites/sjcoeh/>

squished URL: <http://ucanr.edu/SJHort>

Jhalendra Rijal, Ph.D.

UC Cooperative Extension Advisor in Stanislaus, Merced & San Joaquin Counties

UC Cooperative Extension Stanislaus County
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Modesto, CA 95358
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jrijal@ucanr.edu



Biography:

Dr. Jhalendra Rijal joined UCCE on July 1, 2015 as an Area Integrated Pest Management Advisor. Rijal's interest is to work on pest monitoring, insect abundance and spatial distribution, insect behavior and chemical ecology, and application of these ecological principles into pest management to attain a sustainable production system. Rijal focuses on pest problems on major agricultural crops that includes tree nuts, tree fruits, and other specialty crops in the area.

Education:

From Tribhuvan University, Nepal, Rijal earned a B.S. in Agriculture and an M.S. in Entomology. He completed a Ph.D. in Entomology from Virginia Tech.

Experience:

Prior to joining UCCE, Rijal was a Postdoc Scholar in the Department of Entomology and Nematology at UC Davis. There, Rijal was working on two different collaborative research projects in peppermint and cool-season vegetable crops. The goals of these projects are to 1) understand the behavior and biology of the target pests, and 2) find the better pest management alternatives by evaluating environmentally-benign biopesticides and reduced-risk pesticides, embracing the concept of IPM.

Specialty:

- Bilingual in language(s) other than English: Nepali, Hindi
- Geostatistics software (GS+): Spatial autocorrelation analysis
- Spatial Analysis by Distance IndicEs (SADIE): Spatial distributions of insects

Areas of Expertise:

- Fruit and Nut Crop - General
- Tree Fruits - General
- Grapes - General
- Vegetable Crops - General
- Plant Protection
- Insects, Mites, and Other Arthropods Affecting Plants
- Biological Control of Pests Affecting Plants
- Integrated Pest Management Systems
- Beneficial Insects
- Pest Management/Diseases
- IPM
- Sustainable Natural Ecosystems

Web/Social Media Site:

<http://cestanislaus.ucanr.edu/>

<http://cemerced.ucanr.edu/>

<http://cesanjoaquin.ucanr.edu/>

Twitter: [@IPMAdvisorNSJV](https://twitter.com/IPMAdvisorNSJV)

Blog: <http://ipmsjvalley.wix.com/ipmsjvalley>

Lorrene Ritchie, Ph.D., R.D.

UC Cooperative Extension Specialist & Director of

Nutrition Policy Institute

Nutrition Policy Institute

University of California – ANR

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10123

Oakland, CA 94607-5200

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lritchie@berkeley.edu



Biography:

Dr. Lorrene Ritchie joined ANR on February 18, 2014 as nutrition specialist and inaugural director of Nutrition Policy Institute (NPI). NPI is a special program within UC ANR, with the mission of improving nutrition and reducing obesity, hunger and chronic disease risk in children and their families in diverse settings. NPI provides nutrition policy leadership built from ANR’s numerous ongoing research and education activities and works in synergy with research and outreach efforts being conducted in Davis and Berkeley campus departments and colleges and throughout the UC system.

Education:

Ritchie earned a B.S. in Chemistry from San Jose State University and an M.S. and Ph.D. in Nutritional Sciences, both from UC Berkeley. She is also a registered dietitian from UC Berkeley.

Experience:

Prior to joining ANR, Ritchie served since 2005 as associate researcher and director of research at the Atkins Center for Weight and Health at UC Berkeley. She provided leadership and coordinated research efforts at the Center, collaborating with an extensive network of multi-disciplinary researchers, program delivery experts and policy advocates to support evidence-based policy and practice initiatives in nutrition and obesity prevention. Ritchie was also principal investigator directing research projects funded at the level of approximately \$4,000,000 and supervising multiple simultaneous research project teams. Ritchie has worked as assistant researcher and project director for the Center from 2000 to 2005 preparing grant proposals and conducting research. She had prepared over 50 grant proposals to federal and private funding sources during her time at the Center. Ritchie held other positions as adjunct assistant professor for two years at Samuel Merritt College, Intercollegiate Nursing Program, and lecturer for five years at UC Berkeley in the Department of Nutritional Sciences and Toxicology.

Specialty:

- Registered Dietitian
- Pediatric Nutrition and Feeding Practices
- Nutrition in Schools, Childcare and Other Community Settings
- Dietary Determinants of Obesity
- Nutrition Policy
- Nutrition Evaluation and Research

Areas of Expertise:

- Human Nutrition
- Nutrition Education and Behavior
- Nutrition and Hunger in the Population
- Obesity Prevention

Web/Social Media Site:

http://ucanr.edu/sites/anrstaff/Nutrition_Policy_Institute/

Sonia Rios

UC Cooperative Extension Advisor in Riverside & San Diego Counties

Cooperative Extension Riverside County

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Moreno Valley, CA 92557-8718

(951) 683-6491 EXT 224

srios@ucanr.edu



Biography:

Sonia Rios joined UCCE on June 15, 2011 as a Staff Research Associate II in Tulare County. On November 17, 2014, Rios was appointed as an area subtropical horticulture advisor in Riverside and San Diego Counties.

Education:

Rios completed an M.S. in Plant Science from California State University, Fresno, and a B.S. in Plant Science from California State Polytechnic University, Pomona.

Experience:

Prior to accepting her advisor position, Rios served as a staff research associate in UCCE Tulare County where she assisted advisors in all phases of applied agricultural research (field and greenhouse research on cereal crops, cotton and weed management). She was involved in approximately 30 - 40 research projects that included research testing in herbicide resistance, variety evaluations, and pest management studies by evaluating new herbicides and insecticides. Rios has conducted and reported agronomy research experiments through data collection that is statistically analyzed, translated and disseminated to clientele; maintained research plots; prepared educational materials for research reports and University publications that would benefit California growers and industry clientele; assisted regulatory agencies with science-based information; conducted radio interviews; and she was a regular speaker at the Tulare County Pesticide Safety meetings. Rios has also worked with the California Department of Food and Agriculture (CDFA) inspecting airplanes for Japanese beetle as an Agriculture Aide I. She has also worked with the United States Department of Agriculture (USDA) Forest Service as a Forestry Technician.

Specialty:

- Vegetation Management - Using field-based and greenhouse research for the development, management, and physiology of herbicide-resistant weeds.
- Chemical and cultural weed control research in established perennial and annual cropping systems.

Areas of Expertise:

- Subtropical Fruits - General
- Citrus - General
- Avocados
- Horticulture
- Plant Protection
- Insects, Mites, and Other Arthropods Affecting Plants
- Weeds Affecting Plants
- Biological Control of Pests Affecting Plants
- Integrated Pest Management Systems
- Beneficial Insects
- Pest Management/Diseases
- IPM
- Invasives
- Weeds

Web/Social Media Site:

<http://ceriverside.ucanr.edu/>

<http://cesandiego.ucanr.edu/>

Carissa Koopmann Rivers

UC Cooperative Extension Advisor in Siskiyou County

UC Cooperative Extension Siskiyou County

1655 South Main Street

Yreka, CA 96097

(530) 842-2711

ckrivers@ucanr.edu



Biography:

Carissa Koopmann Rivers joined UCCE on February 1, 2016 as a livestock and natural resources advisor. Rivers has been an active partner in her family cow/calf operation where she is the 5th generation in Sunol, California. She and her husband also manage their own set of commercial and Registered Red Angus.

Education:

Rivers earned her Masters of Agriculture degree in Integrated Resource Management from Colorado State University and her B.S. in Animal Science, Livestock Production Management, from California State University, Fresno.

Experience:

Prior to joining UCCE, Rivers was a junior specialist in the Rangeland Watershed Laboratory at UC Davis and from 2011-2015 was a land manager for the National Audubon Society.

Specialty:

- Livestock grazing systems
- Rangeland ecology and management
- Livestock management
- Wildlife and livestock interactions

Areas of Expertise:

- Beef Cattle / Beef / Other Cattle Prod
- Pasture, General
- Water
- Range
- Watersheds
- Animal Production
- Animal Management Systems
- Management of Range Resources
- Sustainable Natural Ecosystems

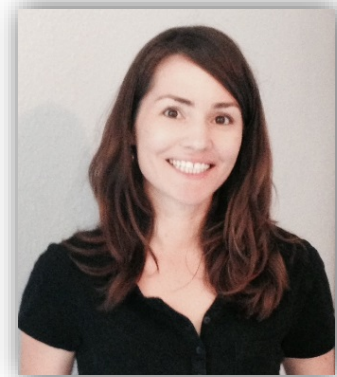
Web/Social Media Site:

<http://cesiskiyou.ucanr.edu/>

Leslie Roche, Ph.D.

UC Cooperative Extension Specialist in the Department of Plant Sciences at UC Davis

Department of Plant Sciences
One Shields Avenue
Davis, CA 95616
(530) 752-5583
lmroche@ucdavis.edu



Biography:

Dr. Leslie Roche joined UCCE on September 1, 2015 as an Assistant Rangeland Management Specialist in the Department of Plant Sciences at UC Davis. Her research and extension program is at the intersection of agricultural, environmental, economic, and social aspects of ranching and livestock production on California's rangelands and pastures. Leslie works with a diversity of rangeland stakeholders to integrate management expertise and applied research to address key challenges, including managing for multiple agricultural and ecological outcomes and coping with and adapting to drought.

Education:

From UC Davis, Roche completed a Ph.D. in Ecology, Agroecology Specialization, a M.S. in Horticulture and Agronomy, Agroecology Specialization, and a B.S. in Agricultural Management and Rangeland Resources.

Experience:

Prior to joining UCCE, Roche was a USDA-NIFA Postdoctoral Fellow at UC Davis.

Specialty:

- Rangeland ecology and management
- Biostatistics and environmental monitoring
- Grazing systems research
- Natural resources and the environment
- Participatory research

Areas of Expertise:

- Range and Pasture
- Soil and Land
- Wetland and Riparian Systems
- Watershed Protection and Management
- Management of Range Resources
- Management and Control of Forest and Range Fires
- Wildlife
- Weeds
- Sustainable Natural Ecosystems
- Sustainable Food Systems

Web/Social Media Site:

Twitter: @UCDRange
rangelands.ucdavis.edu

Kimberly Rodrigues, Ph.D.

UC Agriculture and Natural Resources Director of Hopland Research and Extension Center

UC ANR Hopland Research and Extension Center
4070 University Road
Hopland, CA 95449-9717
(707) 744-1424, Extension 115
karodrigues@ucanr.edu



Biography:

Dr. Kimberly Rodrigues joined UCCE on July 15, 1991 as a Forest Advisor in Humboldt and Del Norte Counties, which she later was named County Director. Rodrigues has held two other ANR positions, Regional Director for North Coast and Mountain Region (1999-2009) and Executive Director for Academic Personnel (2009-2014), prior to accepting her current position on January 2, 2015 as Director of Hopland Research and Extension Center.

Education:

From UC Berkeley, Rodrigues earned her Ph.D. in Environmental Policy and Management and a B.S. in Forestry. She completed an M.S. in Forestry and Genetics from Colorado State University.

Experience:

Prior to joining ANR, Rodrigues worked as a Tree Improvement and Research Director for Simpson Timber Company (now Green Diamond). She was responsible for selecting, propagating and monitoring selected "super" trees and related cloned attributes. In order to seek solutions to the Timber Wars through science-based information and mutual learning efforts as part of UC systemwide network, Rodrigues joined UCCE Humboldt and Del Norte Counties on July 1991 as Forest Advisor and within her first two year term was named County Director. Rodrigues' forestry program was/is recognized as an innovative approach to addressing community conflicts related to natural resource management issues. On July 1999, Rodrigues was named Regional Director for ANR North Coast and Mountain Region where she was responsible for the oversight, budget, administration and support of all UCCE programs in 23 northern California counties, from Marin to Del Norte and Modoc to Mono counties, including the Sierra foothill counties. From Fall 2009 to December 2014, Rodrigues served as the Executive Director for ANR Academic Personnel where she was directly responsible for the academic recruitment, orientation, training, coaching and support of all UC ANR academics.

Specialty:

- Administration
- Environmental Science
- Policy and Management
- Collaborative Science

Areas of Expertise:

- Natural Resources and Environment
- Management and Sustainability of Forest Resources
- Alternative Uses of Land

Web/Social Media Site:

<http://hrec.ucanr.edu/>

Philippe Rolshausen, Ph.D.

UC Cooperative Extension Specialist in the Department of Botany & Plant Sciences at UC Riverside

UC Riverside
3214 Batchelor Hall
Riverside, CA 92521
(951) 827-6988
philrols@ucr.edu



Biography:

Dr. Philippe Rolshausen joined UCCE on July 1, 2012 as subtropical crops specialist. His research interests lie in identifying biotic and abiotic factors that limit fruit and nut crops productivity and to develop and implement sustainable strategies to improve the productivity in these crops. These strategies include chemical and cultural practices and crop varietal resistance.

Education:

Rolshausen received his Ph.D. in Plant Pathology from UC Davis, an M.S. in Enology-Viticulture from University of Bordeaux, France, and a B.S. in Science from University of Tours, France.

Experience:

Prior to joining UCCE, P. Rolshausen worked as a Professional Researcher in the Department of Plant Pathology and Microbiology at the University of California, Riverside, from 2009 to 2012.

Specialty:

- Bilingual in language(s) other than English: French
- Sub Tropical Crops
- Fruit

Areas of Expertise:

- Biological Control of Pests Affecting Plants
- Integrated Pest Management Systems
- Grapes

Web/Social Media Site:

<http://www.plantbiology.ucr.edu/>
<http://ucanr.edu/sites/Rolshausen/>

John Roncoroni

UC Cooperative Extension Advisor in Napa County

UC Cooperative Extension Napa County

1710 Soscol Avenue, Suite 4

Napa, CA 94559-1315

(707) 253-4221

Mobile: (707) 294-7259 - Text messages OK

jaroncoroni@ucanr.edu



Biography:

John Roncoroni joined UCCE on March 1, 2007 as Weed Science Advisor.

Education:

Roncoroni earned his B.S. in Environmental Policy Analysis and Planning and an M.S. in Horticulture, both from UC Davis.

Experience:

Prior to joining UCCE, Roncoroni worked as field research director for UC Davis IR-4 Field Research Center since 2002, and from 1985 to 2002, he was a weed science staff research associate. Roncoroni has studied methyl bromide alternatives for cut flower production, weed control in turf and ornamentals, and weed management in several crops, on rangeland, and in forests.

Specialty:

- Weed Control
- Vegetation Management in Perennial Crops, Covercrops and Aquatic Weed Control

Areas of Expertise:

- Tree Fruits - General
- Wine Grapes
- Nut Crops
- Plants and Their Systems
- Weeds Affecting Plants

Web/Social Media Site:

<http://cenapa.ucanr.edu>

Samuel Sandoval Solis, Ph.D.

UC Cooperative Extension Specialist & Assistant Professor in the Department of Land, Air & Water Resources at UC Davis

135 Veihmeyer
Davis, CA 95616
(530) 750-9722
samsandoval@ucdavis.edu



Biography:

Dr. Samuel Sandoval Solis joined UCCE on September 1, 2011 as water resources specialist and LAWR as assistant professor after doing doctoral research at the Center for Research in Water Resources at the University of Texas, Austin.

Education:

Sandoval Solis earned a B.S. in civil engineering and M.S. in hydraulics from Instituto Politecnico Nacional and a Ph.D. in environmental and water resources at UT Austin.

Experience:

Sandoval Solis works with stakeholders, farmers, water management agencies, environmental organizations and the society to develop water management policies that meet the societal and economics needs, while considering the environment health of the basin ecosystems. He works in multidisciplinary teams to achieve sustainable water management policies and does quantitative water management through models that provide insights about current and alternative policies. He uses the sharing vision technique to build consensus among parties.

Specialty:

- Science talks in English and Spanish about hydrology and climate change
- Sharing vision technique and conflict resolution
- Integrated water resources management
- Geographic information systems for water resources
- Optimization, simulation and hydrologic models for water planning
- Benefit-Cost analysis
- Reservoir re-operations
- Groundwater banking
- Environmental water management
- Efficiency in water use and water conservation estimations

Areas of Expertise:

- Sugar Beets
- Alfalfa
- Pasture, General
- Cotton - General
- Beans, Dry - General
- Grains - General
- Fruit and Nut Crop - General
- Tree Fruits - General
- Berries - General
- Grapes - General
- Subtropical Fruits - General
- Deciduous Tree Fruits - General
- Tomatoes - General
- Cucurbits - General
- Water
- Watersheds and River Basins
- Watersheds and River Basins - General
- River Basins
- Watersheds
- Wetland and Riparian Systems
- Conservation and Efficient Use of Water
- Watershed Protection and Management
- Weather and Climate
- Aquatic and Terrestrial Wildlife
- Computer Programming
- Climate Change
- Sustainable Natural Ecosystems
- Water Quality, Quantity, and Security
- Sustainable Food Systems
- Languages Spoken: Spanish

Web/Social Media Site:

<http://watermanagement.ucdavis.edu/>
http://lawr.ucdavis.edu/directory_faculty.htm

Araceli Saucedo

*UC Cooperative Extension Advisor in Imperial County & Desert
Research & Extension Center/US-Mexico Border*

UC Cooperative Extension Imperial County
1050 East Holton Road
Holtville, CA 92250-9615
(760) 352-9474
asaucedo@ucanr.edu



Biography:

Araceli Saucedo joined UCCE on December 7, 2015 as Youth, Families and Communities Advisor. A native from the Imperial Valley, Ms. Saucedo has a passion for community development and outreach.

Education:

From UC San Diego, Ms. Saucedo completed a B.A. in Urban Studies and Planning and a B.A. in Economics. She earned an M.A. in Adult Education and Training from the University of Phoenix. Ms. Saucedo plans to pursue a Doctor of Education in Education Leadership.

Experience:

Prior to joining UCCE, Ms. Saucedo was the Executive Director for the Calexico New River Committee in partnership with the City of Calexico. The Calexico New River Committee is a non-profit organization whose mission is to enhance the social, political, and economic climate of the City of Calexico and the Imperial Valley through remediation efforts for the New River from the International Border through the City of Calexico; thereby providing residents, visitors, and international neighbors with a safe and healthy environment. Ms. Saucedo is also a Lecturer for San Diego State University campus Imperial Valley teaching upper-division economic courses. Ms. Saucedo worked to implement education, awareness and advocacy campaigns to help provide the necessary tools for finding a solution to removing the hazardous threat of having an open sewer line, the New River in the Imperial Valley. She increased public awareness, support, and participation in local, state, national, and bi-national efforts to reduce/eliminate adverse environmental and human health impacts from New River pollution. Her work consisted of coordinating the cleanup, regulation, administration, improvement, restoration, and management of the New River projects. Ms. Saucedo is also a recipient of the Bill Gates Millennium Scholarship and she is a Gates Millennium Scholar Ambassador who reaches out to local schools to motivate first-generation college students to achieve scholastically and become leaders within their communities.

Specialty:

- Advocacy for Social and Environmental Justice
- Community Health Education, Empowerment and Capacity Building
- Minority, Low-Income and First-generation College Students Higher Education
- US-Mexico Binational Border Relations

Areas of Expertise:

- Youth Development
- Nutrition Education
- Contract and Grants Specialist
- Languages Spoken: Spanish

Web/Social Media Site:

<http://ceimperial.ucanr.edu/>
<http://drec.ucanr.edu/>

Emily Schoenfelder

UC Cooperative Extension Advisor in Colusa, Sutter & Yuba Counties

Cooperative Extension Colusa County
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Biography:

Emily Schoenfelder joined UCCE on August 18, 2014 as area 4-H youth development advisor.

Education:

Schoenfelder completed a M.S. in Recreation, Park and Tourism Administration from Western Illinois University and a B.A. in Religious Studies from University of South Florida.

Experience:

Prior to joining UCCE, Schoenfelder served YMCA residential camps in Ohio and Missouri since August 2011. There she was able to create, evaluate and train new curriculum as well as liaise with teachers and parents, develop staff, and teach great kids. She provided grant research and writing and program development. From 2010 to 2011, Schoenfelder was a graduate fellow (Peace Corps Fellowship) at the Spoon River Partnership for Economic Development, Canton, IL, where she was involved in community development projects, coordinating volunteers who worked on downtown revitalization, business development, and tourism marketing. She was the primary liaison to outlying communities throughout the county, creating links with local governments, community organizations and small businesses. She undertook extensive business retention and expansion surveying, business recruitment, co-op studies, and program research and proposal.

From August 2009 to August 2010, Schoenfelder served as environmental education coordinator for WIU Horn Field Campus, Macomb, IL. She developed, coordinated and facilitated developmentally appropriate environmental education programs for children and adults. She also assisted with sustainability efforts, through committee work, volunteer coordination, and education, and developed and implemented food production, distribution, research and education for underserved communities.

Areas of Expertise:

- Youth Development
- Community Development
- Community Resource Planning and Development

Web/Social Media Site:

<http://cecolusa.ucanr.edu/>

Noelia Silva-del-Río, DVM, Ph.D.

*UC Cooperative Extension Specialist in the Department of
Population Health & Reproduction at UC Davis*

UC Davis Veterinary Medicine Teaching and Research Center
18830 Road 112
Tulare, CA, 93274-9537
(559) 688-1731
nsilvadelrio@ucdavis.edu



Biography:

Dr. Noelia Silva-del-Río joined UCCE on March 1, 2012 as dairy herd health, production medicine and food safety specialist in the Department of Population Health and Reproduction, UC Davis School of Veterinary Medicine. Her research interests include nutritional management, corn silage management, milk quality, animal welfare, periparturient health problems, and the effects of heat stress on Central Valley dairy herds.

Education:

Silva-del-Río obtained her Doctor of Veterinary Medicine degree from the Universidad de Santiago de Compostela in Spain in 1998 and practiced for two years in a dairy cattle cooperative in Spain. In 2007, she completed a Ph.D. in Dairy Science at the University of Wisconsin-Madison, with an emphasis in dairy cattle nutrition and reproductive physiology.

Experience:

Since 2008, Silva-del-Río had served as the UCCE advisor in Tulare County for dairy. Her work has been recognized by the Tulare County Office of Education, the San Joaquin Valley Air Pollution Control District and the National Association of County Agricultural Agents.

Specialty:

- Dairy

Areas of Expertise:

- Animals and Their Systems
- Animal Diseases
- Nutrient Utilization in Animals
- Animal Welfare/Well-Being and Protection
- Reproductive Performance of Animals
- Animal Management Systems
- Languages Spoken: Spanish

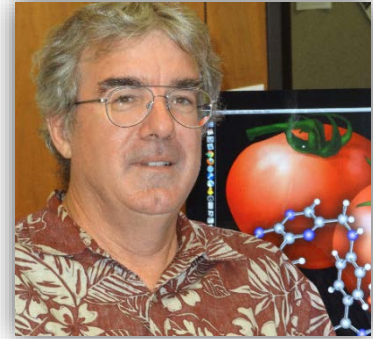
Web/Social Media Site:

<http://www.vmtc.ucdavis.edu/facandstaff/silva-del-rio/silva-del-rio.html>

Christopher Smith, Ph.D.

*UC Cooperative Extension Director of Ventura County &
Director of Hansen Research & Extension Center*

Cooperative Extension Ventura County
669 County Square Drive, #100
Ventura, CA 93003-5401
(805) 662-6943
cmwsmith@ucanr.edu



Biography:

Dr. Christopher Smith joined UCCE on August 26, 2013 as director for Ventura County and director of Hansen Research and Extension Center.

Education:

Smith earned his B.S. in Genetics at UC Davis while performing biochemical research on herbicide tolerance in glyphosate-resistant tomato cells, and subsequently received an M.S. in Biology for his work on Citrus Tristeza Virus at Long Beach State University. At the University of Nebraska, his research encompassed biochemical characterization of regulatory proteins (“kinases/phosphatases”) involved in CO₂-fixation, and wound-induced systemic signaling and gene expression in peas, culminating in a Ph.D. in Biological Sciences. After completing his doctorate, he did postdoctoral research in computational biology at the San Diego Supercomputer Center, UCSD.

Experience:

Prior to joining UCCE, Smith served as the associate vice provost for research at Rice University, and executive director for the Center for Theoretical Biological Physics and the National Biomedical Computation Resource at the University of California San Diego. At UCSD, he was also involved in the sequence-structure computational analyses of protein kinases (“molecular switches”), and development of data analytical tools and database resources.

Specialty:

- Plant Biochemistry, Enzyme Regulation, Mechanisms of Herbicide Action, Sequence/Structural Bioinformatics

Areas of Expertise:

- Plant Genome, Genetics, and Genetic Mechanisms
- Plant Genetic Resources
- Plant Biological Efficiency and Abiotic Stresses Affecting Plants
- Basic Plant Biology
- Insects, Mites, and Other Arthropods Affecting Plants
- Pathogens and Nematodes Affecting Plants
- Biological Control of Pests Affecting Plants
- Integrated Pest Management Systems
- 4-H Program
- IPM
- Endemic and Invasive Pests and Diseases
- Science Literacy in Natural Resources, Agriculture, and Nutrition

Web/Social Media Site:

<http://ceventura.ucanr.edu>

Martin Smith, Ed.D.

UC Cooperative Extension Specialist in the Department of Human Ecology & School of Veterinary Medicine at UC Davis

Veterinary Medicine Extension
1383A Surge III
Davis, CA 95616-8736
(530) 752-6894
(530) 752-7035

mhsmith@ucdavis.edu



Biography:

Dr. Martin Smith joined UCCE in 1996. In July 2012, he accepted a shared appointment with Human Ecology as a CE Specialist in youth scientific literacy.

Education:

Smith has a B.S. in Environmental Biology, an M.S. in Biology, and an Ed.D. in Teacher Leadership.

Experience:

With a background in environmental biology, biology, and education, Smith has previous experience as a teaching faculty member at the University of Maryland's Munich Campus in Germany, as well as serving as the youth education program director for the Jane Goodall Institute. Currently, Smith is an Associate Specialist in Cooperative Extension in the Departments of Population Health and Reproduction and Human Ecology on the UC Davis Campus. His areas of research and extension include youth scientific literacy with an emphasis on inquiry-based curriculum development for youth audiences and educator professional development using communities of practice.

Specialty:

- Bilingual in language(s) other than English: German
- Science Education
- Program and Curriculum Development
- Educator Professional Development

Areas of Expertise:

- Program and Project Support, Administration, and Communication
- Youth Development
 - 4-H Program
 - SET
- Strategic Initiatives
 - Healthy Families and Communities
 - Science Literacy in Natural Resources, Agriculture and Nutrition

Web/Social Media Site:

<http://hcd.ucdavis.edu/faculty/webpages/mhsmith>
<http://faculty.vetmed.ucdavis.edu/faculty/mhsmith/>

Laura Snell

UC Cooperative Extension Advisor in Modoc County

Cooperative Extension Modoc County

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Alturas, CA 96101

(530) 233-6400

lksnell@ucanr.edu



Biography:

Laura Snell joined UCCE on March 2, 2015 as a livestock and natural resources advisor.

Education:

From the University of Nebraska – Lincoln, Snell earned a B.S. in Water Science and a M.S. in Agronomy.

Experience:

Prior to joining UCCE, Snell worked as a Recruitment Coordinator at the University of Nebraska-Lincoln, in Agriculture Education where she provided recruitment, retention and advising services to future and current students; organized the World Food Prize Nebraska Youth Institute, and arranged logistics for domestic and international student trips. From April 2013 to September 2013, she collaborated with UNL and The Nature Conservancy as an Undergraduate Intern Coordinator for summer undergraduate research projects at the Niobrara Valley preserve, a cattle and bison ranch in northcentral Nebraska. From August 2010 to April 2013 as a Graduate Research Assistant/Laboratory Instructor/Publications Coordinator, Snell conducted research in cattle grazing, nutrient cycling and greenhouse gas emission in pasture ecosystems; taught the introduction range and forage class; and published journal articles on her master's research. Prior to that, at the University of Georgia, Snell was an Environmental Educator, teaching environmental education to grades 3-12 and adult education at Rock Eagle 4-H camp; courses included lake, stream and forest ecology, hiking, canoeing, navigation, anthropology, high ropes, and team building among others.

Specialty:

- Livestock/Natural Resources

Areas of Expertise:

- Water
- Range
- Soil and Land
- Watersheds and River Basins
- Wetland and Riparian Systems
- Plant Production
- Animal Production
- Natural Resources and Environment
- Watershed Protection and Management
- Management and Control of Forest and Range Fires
- Management of Range Resources
- Animals and their systems

Web/Social Media Site:

<http://cemodoc.ucanr.edu/>

Snellaurakay on Instagram

Katherine E. Soule, Ph.D.

UC Cooperative Extension Advisor in San Luis Obispo & Santa Barbara Counties

Cooperative Extension San Luis Obispo County
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kesoule@ucanr.edu



Biography:

Dr. Katherine Soule joined UCCE on June 25, 2013 as a youth, families, and communities advisor. In this role, she leads the 4-H program, the UC CalFresh Nutrition Education Program, and other programs related to improving residents' lives in San Luis Obispo and Santa Barbara counties.

Education:

Soule has a varied educational background, including a B.A. in English and a M.S. in Agriculture from California Polytechnic State University. Additionally, she obtained a Ph.D. from the Counseling and Human Development Services Department at University of Georgia with a specialization in Recreation and Leisure.

Experience:

She has pursued education, research, and service related to positive youth, family, and community development. Through her research, Soule advocates for recognition of how social norms reinforce discrimination, as well as provide opportunities for change. She instructed courses focusing on positive youth development, needs assessment, program design, and program evaluation. In all areas, Soule strives to ensure successful community partnerships by emphasizing mutual benefits and respect.

Specialty:

- Qualitative Research
- Technical Writing
- Positive Youth Development
- Experiential Education
- Community Engagement

Areas of Expertise:

- Youth Development
- Human Development and Family Well-Being
- Sociological and Technological Change Affecting Individuals, Families, and Communities
- Outdoor Recreation

Web/Social Media Site:

<http://cesanluisobispo.ucanr.edu>
<http://cesantabarbara.ucanr.edu>

Jennifer Sowerwine, Ph.D.

UC Cooperative Extension Specialist in the Department of Environmental Science, Policy & Management at UC Berkeley
Department of Environmental Science, Policy and Management
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(510) 207-2692 (cell)
jsowerwi@berkeley.edu



Biography:

Dr. Jennifer Sowerwine joined UCCE on July 1, 2014 as a metropolitan agriculture and food systems specialist.

Education:

Sowerwine earned her B.A. in Geography/Ecosystems from UCLA, and a Ph.D. in Wildland Resource Science from UC Berkeley.

Experience:

Prior to joining UCCE, Sowerwine worked as research associate at the University and Jepson Herbaria and as a specialist in the Department of Environmental Science, Policy and Management at UC Berkeley. She works with beginning minority farmers throughout the state in urban and peri-urban areas to enhance the economic and ecological viability of their farming operations. She also works with Native tribes in northern California on food security/food sovereignty. She did her doctoral work in the highlands of Vietnam on agrarian transformations and the politics of livelihood strategies.

Specialty:

- Communication skills in Vietnamese, Spanish, German, French, and basic Nepali, Arabic and Iu-Mien languages.
- Community-engaged, participatory research and extension
- Outreach to immigrant, Native, and other historically underserved populations
- Culturally appropriate outreach, training and impact evaluation methodologies
- Ethno-botany, traditional ecological knowledge (TEK) and the conservation of bio-cultural diversity

Areas of Expertise:

- Communication, education and information delivery
- Food safety
- Agroforestry
- Conservation of biological diversity
- Community development
- Marketing and distribution practices
- Languages Spoken: Spanish
- Social learning in Agriculture and Food Systems
- Agriculture
 - Small farms
- Food and Society
 - Building regional markets
 - Community food security
 - Food system assessments/policy
 - Urban Agriculture/Local and Regional Food Systems
- Strategic Initiatives
 - Safe and secure food supplies
 - Healthy families and communities
 - Sustainable food systems

Web/Social Media Site:

<http://nature.berkeley.edu/karuk-collaborative/>

Theresa Spezzano

UC Cooperative Extension Advisor in Stanislaus & Merced Counties & Director of Stanislaus County

UC Cooperative Extension Stanislaus County

Corner of Service and Crows Landing

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Modesto, CA 95358

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tmspezzano@ucanr.edu



Biography:

Theresa Spezzano joined UCCE on June 1, 2008 as nutrition, family and consumer sciences advisor. In January 2013, she was appointed County Director for Stanislaus County. Spezzano has a passion for Extension; both of her master's degrees had extension components. She also comes from a four generation 4-H family, including her sons.

Education:

Spezzano earned her M.A.S. in Maternal and Child Nutrition from UC Davis. She also earned an M.S. in Animal and Range Science and Minor in Entomology from Montana State University, and a B.S. in Animal Science and Minor in Public Land Policy and Law from Oregon State University.

Experience:

Before accepting her current position as advisor, Spezzano served as a nutrition, family and consumer sciences program representative for Stanislaus and Merced counties. Prior to joining UC, she was a range scientist for the West Stanislaus County Resource Conservation District. After becoming pregnant with her first child, Theresa started looking for classes in Maternal and Child Nutrition in Stanislaus County which led her to the M.A.S. Program at UC Davis.

Specialty:

- Maternal and Child Nutrition
- Farm to School
- Local Food Systems

Areas of Expertise:

- Human Nutrition, Food Safety, and Human Health and Well-Being
- Ensure Food Products Free of Harmful Chemicals, Including Residues From Agricultural and Other Sources
- Healthy Lifestyle
- Families, Youth, and Communities
- Youth Development
- UC CalFresh Nutrition Education Program
- Healthy Families and Communities
- Science Literacy in Natural Resources, Agriculture, and Nutrition

Web/Social Media Site:

<http://cestanislaus.ucanr.edu>

<https://www.facebook.com/pages/Stanislaus-Youth-Nutrition-Education/134000343315836>

<https://www.facebook.com/pages/Merced-Youth-Nutrition-Education/725040370843268>

<https://www.facebook.com/pages/UCCE-NSJV/563371233757233>

Jeffery Stackhouse

UC Cooperative Extension Advisor in Humboldt & Del Norte Counties

Cooperative Extension Humboldt County

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Eureka, CA 95503-6998

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jwstackhouse@ucanr.edu



Biography:

Jeffery Stackhouse joined UCCE on November 4, 2013 as the livestock and natural resources advisor. Raised on a ranch, Stackhouse managed a flock of nationally recognized Columbia sheep in Northern California where he learned basic livestock husbandry practices, gained fundamental livestock nutrition knowledge, and understand general forestry and agroforestry practices.

Education:

Stackhouse earned an M.S. in Natural Resources Management from North Dakota State University and a B.S. in Wildlife Resources and a second B.S. in Range Ecology and Management, both from University of Idaho.

Experience:

Prior to joining UCCE, Stackhouse was a wildlife research specialist at the Hettinger Research Extension Center, North Dakota State University, conducting and reporting research on impacts of range management practices on a variety of species, including both domestic and wild, soils, cover crops, native and Conservation Reserve Program prairie restoration, ecological site descriptions, and overall assessment of rangeland health. From 2005 to 2010, Stackhouse was a field biologist with Todd Sloat Biological Consulting, Inc., conducting biological surveys and monitoring air quality.

Specialty:

- Rangeland Management
- Wildlife Biology
- Livestock Production and Forage
- Livestock/Wildlife Interactions
- Prairie Restoration

Areas of Expertise:

- Beef Cattle/Beef/Other Cattle Prod
- Sheep, Sheep Meat and Wool
- Forage Crops - Other
- Pasture, Dryland and Seeded
- Natural Resources and Commodities - General
- Forest/Range/Wildlife Commodities/Habitats-General
- Range
- Wildlife - General
- Wild Birds - Game
- Wild Birds - Non-Game
- Wild Animals - Game
- Wild Animals - Non-Game
- Management of Range Resources
- Agroforestry
- Aquatic and Terrestrial Wildlife
- Wildlife

Web/Social Media Site:

<http://cehumboldt.ucanr.edu>

Andrew Sutherland, Ph.D.

UC Cooperative Extension Advisor in the San Francisco Bay Area

Cooperative Extension Alameda County

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Alameda, CA 94502

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amsutherland@ucanr.edu



Biography:

Dr. Andrew Sutherland joined UCCE on April 2, 2012 as the area urban IPM advisor for the San Francisco Bay Area, serving Alameda, Contra Costa, San Mateo, San Francisco and Santa Clara counties. The primary emphasis of his position is pest management of arthropods in urban areas. A major focus of Andrew's programs is to develop new IPM strategies, or to adapt and implement IPM strategies already available, in cooperation with UC Farm Advisors, Master Gardeners, pest control advisers, pest management professionals, pest control operators, public agencies, schools, parks, public housing, and regulatory agencies involved with both landscape IPM and structural /industrial IPM. As a member of the University of California's Statewide IPM Program (UC IPM), Andrew serves as a conduit for IPM-related information and resources.

Education:

Andrew earned a B.S. in Environmental Horticulture from the University of Florida. From UC Davis, he earned his M.S. in Horticulture and Agronomy and Ph.D. in Entomology.

Experience:

Andrew has been involved as a researcher, educator, and practitioner in the field of IPM for 15 years; as a nurseryman, landscaper, and consultant in Florida, as a graduate student in the laboratory of Michael Parrella in the UC Davis Department of Entomology, at the UC Davis Arboretum, and as a postdoctoral researcher in the UC Davis Department of Plant Pathology. He was recently recognized by the Entomological Society of America as a Board Certified Entomologist (B.C.E.), specializing in both 'Urban and Industrial Entomology' and 'Plant-Related Entomology'.

Specialty:

- Urban Interface IPM
- Biological control
- Decision support systems for IPM
- Reduced-risk pesticides
- Vector ecology
- Pruning theory and practice
- Experimental design and statistical analysis
- Mathematical modeling
- Insectary management

Areas of Expertise:

- Ornamentals / Landscape / Turf - General
- Insects, Mites, and Other Arthropods Affecting Plants
- Pathogens and Nematodes Affecting Plants
- Biological Control of Pests Affecting Plants
- Integrated Pest Management Systems
- Beneficial Insects
- Insects and Other Pests Affecting Humans
- Zoonotic Diseases and Parasites Affecting Humans
- Conservation and Efficient Use of Water
- Watershed Protection and Management
- Languages Spoken: Spanish
- Urban Agriculture/Local and Regional Food Systems
- IPM
- Endemic and Invasive Pests and Diseases

Web/Social Media Site:

<http://ucanr.edu/sites/urbanIPM/>

<http://cealameda.ucanr.edu/>

<http://www.linkedin.com/pub/andrew-sutherland/12/542/84b>

Steven Swain

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UC Cooperative Extension Marin County

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Novato, CA 94947

(415) 473-4204

svswain@ucanr.edu



Biography:

Steven Swain joined UCCE on February 26, 2007 as environmental horticulture advisor.

Education:

Swain earned a B.A. in Biology from UC Santa Cruz and an M.S. in Environmental Horticulture from UC Davis.

Experience:

Prior to joining UCCE, Swain worked as research specialist studying sudden oak death in Matteo Garbelotto's forest pathology and mycology lab at UC Berkeley since 2002. He has conducted research on control of *Phytophthora ramorum* (the causal agent of sudden oak death) through composting and chemical treatment, susceptibility of various native plants to *P. ramorum*, and the role of California bay laurel in the spread of the pathogen. Prior to working on campus, Swain served a year as the UCCE Sudden Oak Death Project coordinator in Sonoma County.

Specialty:

Areas of Expertise:

- Trees - Ornamental / Landscape / Shade
- Plants and Their Systems
- Integrated Pest Management Systems
- Natural Resources and Environment
- Management and Sustainability of Forest Resources
- Master Gardeners

Web/Social Media Site:

<http://cemarín.ucanr.edu>

Emily Symmes, Ph.D.

*UC Cooperative Extension Advisor in Butte, Colusa, Glenn,
Sutter, Tehama & Yuba Counties*

UC Cooperative Extension Butte County
2279-B Del Oro Avenue
Oroville, CA 95965
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ejsymmes@ucanr.edu



Biography:

Dr. Emily Symmes joined UCCE on June 16, 2014 as an area integrated pest management advisor serving Butte, Colusa, Glenn, Sutter, Tehama, and Yuba counties. As a native to the northern California region, Symmes has great respect for the diversity and importance of crops produced in California.

Education:

Symmes earned B.S. and M.S. degrees in Entomology from UC Riverside and a Ph.D. in Entomology from UC Davis. Her research focused on agricultural entomology, arthropod vectors of plant pathogens, insect behavior, integrated pest management, and the use of semiochemicals to improve pest management.

Experience:

From 2006 to 2012, Symmes worked as a graduate student researcher under IPM specialist and Principal Investigator, Dr. Frank Zalom, during which time she investigated alternatives to current monitoring and management practices for aphid pests impacting prune orchards, specifically the use of aphid sex pheromones to improve monitoring capabilities and impact pest and natural enemy populations. During her time as an undergraduate and Master's degree student, her research focused on whitefly mating behavior and phenology, and aphid feeding behavior and its relation to the transmission of plant viruses. Prior to joining UCCE, Symmes instructed courses in Biology and Agricultural Sciences at Butte Community College and CSU Chico, respectively, and has worked as a grant management consultant on a wide range of projects for diverse clientele.

Specialty:

Areas of Expertise:

- Field Crops – General
- Fruit and Nut Crop – General
- Tree Fruits – General
- Nut Crops
- Deciduous Tree Fruits
 - Prunes
- Pest Management/Diseases
 - IPM
- Plant Protection
 - Insects, Mites, and Other Arthropods Affecting Plants
 - Pathogens and Nematodes Affecting Plants
 - Biological Control of Pests Affecting Plants
 - Integrated Pest Management Systems
 - Beneficial Insects

Web/Social Media Site:

<http://cebutte.ucanr.edu/>

Siavash Taravati, Ph.D.

UC Cooperative Extension Advisor in Los Angeles County

UC Cooperative Extension
700 W. Main Street
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(626) 586-1981
staravati@ucanr.edu



Biography:

Dr. Siavash Taravati joined UCCE on July 6, 2015 as area integrated pest management advisor in urban entomology. He was born and raised in Iran where he obtained his baccalaureate and M.Sc. in biology.

Education:

Taravati received a Ph.D. in Entomology from University of Florida, a M.Sc. in Animal Biosystematics from Ferdowsi University of Mashhad, Iran, and a B.Sc. in Biology from University of Tehran, Iran.

Experience:

Prior to joining UCCE, Taravati was a research assistant at University of Florida -Tropical Research and Education Center-Homestead, FL since 2011. There, he worked on the biology and management of rugose spiraling whitefly, an invasive species found for the first time in the U.S. in 2009, but also gained a lot of experience in growing and maintaining different crops and controlling ants in/around greenhouses, crop fields, and buildings. Taravati reared several pestiferous and beneficial insects such as whiteflies, scales, lady beetles, lacewings, and parasitoids. He conducted several efficacy trials using natural and synthetic insecticides and as a part of his research; he evaluated the compatibility of systemic imidacloprid with the biological control of rugose spiraling whitefly. Taravati is a beetle enthusiast and is a co-founder of www.tenebrionidae.net which was established in 2005. This website is dedicated to the study of darkling beetles. Taravati holds a patent (U.S Patent registration number: TX 7-301-658) for a computer program he developed during his Master studies at Ferdowsi University of Mashhad, Iran. This program aids in conversion and visualization of geometric morphometrics outline data (<http://life.bio.sunysb.edu/morph/soft-outlines.html>). Taravati has experience in macro photography, auto-montage, computer programming and web-development. He is fluent in Farsi and English and is familiar with taxonomic texts in German.

Specialty:

- Bilingual in language(s) other than English: Farsi (Persian)

Areas of Expertise:

- Integrated Pest Management Systems
- Urban Entomology
- Invasives
- Ornamentals / Landscape / Turf - General

Web/Social Media Site:

<http://celosangeles.ucanr.edu>

Peter Tittmann, Ph.D.

*UC Agriculture & Natural Resources Academic Coordinator
in the Department of Center for Forestry at UC Berkeley*

Forest Products Laboratory
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pwt@berkeley.edu



Biography:

Dr. Peter Tittmann joined ANR on December 11, 2012 as an Academic Coordinator. Tittmann grew up in California's Redwood region and has experience with on-the-ground forest management activities including logging, fire hazard reduction, and forest road construction and maintenance.

Education:

Tittmann completed his Ph.D. in Geography at UC Davis and a B.A. in Environmental Studies with emphasis in Agroecology from UC Santa Cruz.

Experience:

Prior to joining ANR, Tittmann developed expertise in forest, woody biomass, and bioenergy issues in both his dissertation and Post-graduate research at UC Davis. His dissertation focused on improving the efficiency of generating individual tree-based forest metrics from aerial LiDAR for carbon measurement. His postdoctoral research at the UC Davis Energy Institute was part of a USDA-funded research program focused upon the development of a low-carbon cellulosic biofuels industry fueled by plantation grown short rotation woody crops (poplar and alder). Tittmann's work at the Energy Institute included heuristic approaches for bioenergy facility siting, techno-economic analysis of bioconversion technology, and least-cost path network analysis among a range of other management and research tasks.

Specialty:

- Forestry
- Remote Sensing
- Electricity Generation and Transmission
- Biofuels
- Geographic Information Systems
- Industrial Ecology
- Bioenergy
- Energy Crops

Areas of Expertise:

- Natural Resc and Commodities-General
- Soil and Land
- Soil and Land - General
- Land
- Soil and Land - Other
- Forest Trees and Products
- Forest Trees and Products - General
- Hardwoods
- Softwoods / Conifers
- Primary Wood Products
- Secondary Wood Products
- Forest Trees and Products - Other
- Integrated Pest Management Systems
- Non-Food
- New and Improved Non-Food Products and Processes
- Quality Maintenance in Storing and Marketing Non-Food Products
- Watershed Protection and Management
- Management and Control of Forest and Range Fires
- Management and Sustainability of Forest Resources
- Natural Resources, General
- Alternative Uses of Land
- Pollution Prevention and Mitigation
- Conservation of Biological Diversity
- Engineering Systems and Equipment
- Waste Disposal, Recycling, and Reuse
- Business Management, Finance, and Taxation
- Market Economics
- Natural Resource and Environmental Economics
- Community Resource Planning and Development
- Domestic Policy Analysis
- Interact With the Media
- Computer Programming
- Geographic Information Systems
- Languages Spoken: Spanish
- Nutrients and Water in Agricultural Landscapes
- Harnessing Ecosystem Services
- Climate Change
- Energy and Climate Footprinting
- Responding To Climate Change
- IPM
- Sustainable Natural Ecosystems
- Energy Security and Green Technologies
- Sustainable Food Systems

Web/Social Media Site:

<http://forestry.berkeley.edu/>
<http://ucanr.org/WoodyBiomass>
Twitter: @UCBWoodProducts

Kris Tollerup, Ph.D.

UC Cooperative Extension Advisor in San Joaquin Valley & Surrounding Areas

Kearney Agricultural Research & Extension Center
9240 S. Riverbend Avenue
Parlier, CA 93648
ketollerup@ucanr.edu



Biography:

Dr. Kris Tollerup joined UCCE on October 15, 2013 as an area integrated pest management entomology advisor in Fresno County.

Education:

Kris Tollerup earned a B.A. in Pomology, Tree and Vine Culture from California Polytechnic State University, and an M.S. in Entomology, Integrated Pest Management and a PhD in Entomology, IPM and Insect Behavior from UC Riverside.

Experience:

From 2010 until joining UCCE, Kris Tollerup continued as a postdoctoral fellow at UC Davis. Through October of 2012, Kris collaborated with Dr. Larry Godfrey, specialist in the Department of Entomology, Rob Wilson, Farm Advisor and Director of Intermountain Research and Extension Center, and Dr. Dan Marcum, Farm Advisor in Shasta County, on a project to develop arthropod IPM programs for peppermint in California. From November 2012 to October 2013, Kris and this same group of collaborators continued to work on peppermint to integrate the use of biopesticides into arthropod IPM programs. Prior to coming to UC Davis, Kris worked with Dr. Peter Shearer (currently at Oregon State University, Hood River Experiment Station) to develop effective mating disruption strategies to manage oriental fruit moth on peaches and apples in New Jersey. He has served on an inter-agency committee that worked with chemical companies, researchers, growers, and the Interregional Research Project No. 4 (IR-4) to promote the development and registration of ant baits for use in California agriculture.

Specialty:

Areas of Expertise:

- Ag Commodities and Products-General
- Plant Cmmdtys and Prod - General
- Fruit and Nut Crop-General
- Grapes - General
- Nut Crops - General
- Citrus - General
- Deciduous Tree Fruits - General
- Plant Production
- Plant Management Systems
- Basic Plant Biology
- Insects, Mites, and Other Arthropods Affecting Plants
- Languages Spoken: Spanish
- Climate Change
- Research and Extension Centers
- Commercial
- Organic
- Small Farms
- IPM
- Endemic Species
- Invasives

Web/Social Media Site:

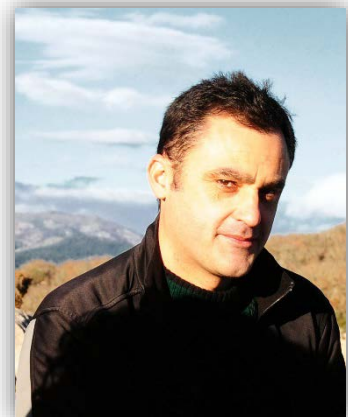
<http://kare.ucanr.edu/>

Florent Trouillas, Ph.D.

UC Cooperative Extension Specialist in the Department of Plant Pathology at UC Davis

Department of Plant Pathology
University of California, Davis
Kearney Agricultural Research and Extension Center
9240 South Riverbend Avenue
Parlier, CA 93648
(559) 646-6566

flotrouillas@ucanr.edu



Biography:

Dr. Florent Trouillas joined UCCE on October 1, 2014 as a fruit and nut crop pathology specialist. His research program aims to understand current as well as emerging diseases of major fruit and nut crops in California, and deliver efficient and innovative control strategies. His research includes basic and applied studies on the etiology, biology, epidemiology and control of nut and fruit crop diseases.

Education:

Trouillas earned his B.S. in Biology and Ecology from the University of Bordeaux I, France, and a Ph.D. in Plant Pathology from the University of California, Davis.

Experience:

Prior to joining UCCE, Trouillas worked as a project scientist coordinating research projects in Viticulture for agricultural cooperatives in France. Before, Trouillas was a graduate student and a postdoctoral researcher in the laboratory of Doug Gubler in the department of Plant Pathology at UC Davis. His research emphasized the characterization and control of canker diseases of grapes, fruit and nut crops.

Specialty:

- Bilingual in language(s) other than English: French
- Disease diagnosis
- Pathogen biology
- Disease epidemiology
- Disease control
- Integrated Pest Management

Areas of Expertise:

- Nut Crops - General
- Deciduous Tree Fruits - General
- Grapes - General

Web/Social Media Site:

<http://plantpathology.ucdavis.edu/>

Kali Trzesniewski, Ph.D.

UC Cooperative Extension Specialist in the Department of Human Ecology at UC Davis & Associate Director of Research for the Statewide 4-H Youth Development Program

University of California
Department of Human Ecology
One Shields Avenue
Davis, CA 95616
(530) 752-2595
ktrz@ucdavis.edu



Biography:

Dr. Kali Trzesniewski joined UCCE on October 1, 2010 as a youth development specialist in the Department of Human Ecology, Human and Community Development and as associate director of research for the Statewide 4-H Youth Development Program. Trzesniewski is a social-developmental psychologist interested in understanding how personality and social factors influence a person's developmental course from conception to death.

Education:

Trzesniewski earned her B.S. and M.S. in Human Development and a Ph.D. in Psychology, all from UC Davis.

Experience:

Prior to joining ANR, Trzesniewski was an assistant professor in the Department of Psychology at the University of Western Ontario, Canada, from 2006 to 2010. From 2005 to 2006, she was a postdoctoral research fellow in Stanford's Department of Psychology. From 2004 to 2005, she was a postdoctoral research fellow at the Social, Genetic, and Developmental Psychiatry Research Centre at the University of London.

Specialty:

- Bilingual in language(s) other than English: American Sign Language
- Adolescent Development

Areas of Expertise:

- Human Development and Family Well-Being
- Youth Development
- 4-H Program
- Healthy Families and Communities

Web/Social Media Site:

<http://ucanr.edu/sites/YFC/>

Julia Van Soelen, MPH, MS

UC Cooperative Extension Advisor in Marin, Napa, Sonoma & Mendocino Counties

Cooperative Extension Marin County
1682 Novato Boulevard
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Novato, CA 94947
jvansoelen@ucanr.edu



Biography:

Julia Van Soelen joined UCCE on October 9, 2013 as the area food systems advisor. Van Soelen’s research, academic, and professional work focuses on sustainable and local/regional food systems. She brings to UCCE a background in community education and outreach and a specialty in Farm to School.

Education:

Van Soelen earned an M.S. in Community Development, a Master of Public Health, and a B.S. in Sociology from UC Davis.

Experience:

From 2011 until joining UCCE, Van Soelen was a program coordinator for Davis Farm to School and Yolo Farm to Fork, where she was responsible for researching, implementing, and evaluating Farm to School programs in collaboration with the local school district’s school meal, garden, and waste reduction programs. From 2008 to 2012, Van Soelen served as a researcher for the Sustainable Agriculture Research and Education Program and the Agricultural Sustainability Institute at UC Davis, where she conducted longitudinal program and outcome-based evaluation for a national Farm to School collaborative and worked with many of the nation’s leaders in local and sustainable school food procurement. Through her experiences, Van Soelen has fostered productive dialogue with food systems stakeholders including community residents, youth, school districts, government entities, non-profit organizations, agricultural producers, and industry.

Specialty:

- Farm to School

Areas of Expertise:

- Families, Youth, and Communities:
 - Community Development
- Food and Society:
 - Urban Agriculture/Local and Regional Food Systems
- Strategic Initiatives:
 - Healthy Families and Communities
 - Health of Californians and California’s Agricultural Economy
 - Sustainable Food Systems

Web/Social Media Site:

<http://cemarín.ucanr.edu>

Andreas Westphal

UC Cooperative Extension Specialist in the Department of Nematology at UC Riverside

Department of Nematology

University of California

Kearney Agricultural Research and Extension Center

9240 S. Riverbend Avenue, Parlier CA 93720

(559) 646-6555

andreas.westphal@ucr.edu



Biography:

Andreas Westphal joined UCCE on January 1, 2015 as an assistant CE Specialist in the Department of Nematology at UC Riverside. Westphal's research program focuses on nematode problems of tree and vine crops. He will explore a multitude of cultural, biological and chemical strategies for managing nematodes in almond, grape, peach, walnut and other crops.

Education:

Westphal completed his Ph.D. in Plant Pathology specializing in Nematology from the University of California, Rviverside, an M.S.- equivalent and a B.S. in Agricultural Sciences from the University of Göttingen, Germany.

Experience:

Prior to joining UCCE, Westphal worked as a scientist at the Julius Kühn-Institut, Federal Research Center for Cultivated Plants at Braunschweig, Germany, where he researched nematode management on field crops and was responsible for determining plant resistance to plant-parasitic nematodes in the official cultivar release program.

Specialty:

- Bilingual in language(s) other than English: German (native speaker)

Areas of Expertise:

- Ag Commodities and Products - General
- Plant Cmmdtys and Prod – General
- Fruit and Nut Crop – General
- Grapes
- Nut Crops
- Nut Crops - General
- Almonds
- Walnuts
- Subtropical Fruits
- Citrus – General
- Deciduous Tree Fruits
- Deciduous Tree Fruits – General
- Nectarines
- Peaches - General
- Plant Genetic Resources
- Pathogens and Nematodes Affecting Plants
- Biological Control of Pests Affecting Plants
- Integrated Pest Management Systems
- Agriculture
- Pest Management/Diseases

Web/Social Media Site:

Karey Windbiel-Rojas

UC Cooperative Extension Advisor & Associate Director of Urban and Community Integrated Pest Management

UC ANR Integrated Pest Management

2108 Second Street, #135

Davis, CA 95618-7774

(530) 750-1241

Mobile: (916) 832-8471 - Text messages OK

kwindbiel@ucanr.edu



Biography:

Karey Windbiel-Rojas joined ANR on March 27, 2006 as the Urban IPM Educator for the Statewide Integrated Pest Management Program (UC IPM). On February 1, 2014, she was appointed as Urban and Community IPM Coordinator. Starting October 23, 2014, Windbiel-Rojas assumed the position of Area IPM Advisor and Associate Director of Urban and Community IPM.

Education:

Windbiel-Rojas completed an M.S. in Integrated Pest Management from UC Davis and a B.S. in Biological Sciences from California Polytechnic State University, San Luis Obispo.

Experience:

Prior to accepting her advisor position, Windbiel-Rojas served an integral role in planning, conducting, and coordinating the Urban and Community IPM team's statewide education and extension program addressing pest issues in a variety of settings including landscapes, gardens, schools, child care centers, structures, homes, parks and recreation sites. She has 11 years of IPM extension experience in the UC system that began with working as a graduate student researcher in the Department of Entomology at UC Davis, affording a well-rounded comprehension of invertebrate, vertebrate, weed, and plant pathogen pests. In addition to her experience with UC, she served as a Peace Corps Volunteer for two years in the Republic of Ghana teaching science and biology to rural high school students, and as the Program Coordinator for a community-based homeless service organization. Windbiel-Rojas' experiences include developing program budgets, preparing grant proposals and reports, supervising staff and volunteers, setting program goals and priorities, and creating and implementing policy and guidelines.

Specialty:

- Integrated Pest Management
- Entomology

Areas of Expertise:

- Plant Protection
- Insects, Mites, and Other Arthropods Affecting Plants
- Pathogens and Nematodes Affecting Plants
- Vertebrates, Mollusks, and Other (Non Arthropod, Pathogen, Nematode, Weed) Pests
- Biological Control of Pests Affecting Plants
- Integrated Pest Management Systems
- Beneficial Insects
- Pest Management/Diseases
- IPM
- Endemic and Invasive Pests and Diseases

Web/Social Media Site:

Web site: <http://www.ipm.ucanr.edu/>

Twitter: <https://twitter.com/ucipmurban>

YouTube channel: <http://www.youtube.com/user/UCIPM/videos>

ANR Blog: <http://ucanr.edu/blogs/UCIPMurbanpests/index.cfm>

Rob Wilson

UC Cooperative Extension Advisor & Director of Intermountain Research & Extension Center

UC ANR Intermountain Research and Extension Center
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Tulelake, CA 96134
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rgwilson@ucanr.edu



Biography:

Rob Wilson joined UCCE on July 16, 2001 as weed ecology/cropping systems advisor. On May 1, 2009, Wilson was named director of Intermountain Research and Extension Center. In his new position, Wilson devotes 55 percent of his time working as director and 45 percent of his time as advisor.

Education:

Wilson received his M.S. degree in Weed Science and a B.S in Natural Resources Recreation and Tourism from Colorado State University.

Experience:

Before accepting his current position as director, Wilson served as weed ecology/cropping systems advisor in Lassen, Plumas and Sierra Counties since 2001. Prior to joining UCCE, Wilson was a research assistant in the Weed Science Program at Colorado State University.

Specialty:

- Pest Management in Potatoes, Onions, Peppermint, Forages, Alfalfa, and Small Grains
- Development and Cultural Management of Potato Varieties
- Crop Management in Potatoes, Onions, Peppermint, and Small Grains
- Klamath Basin Cropping Systems
- Weed Control in Rangelands and Wildlands

Areas of Expertise:

- Plant Cmmdtys and Prod - General
- Alfalfa
- Grasses, Perennial
- Plants and Their Systems
- Plant Management Systems
- Weeds Affecting Plants
- Integrated Pest Management Systems
- Natural Resources and Environment
- Soil, Plant, Water, Nutrient Relationships
- Management of Saline and Sodic Soils and Salinity
- Potatoes
- Onions
- Wheat

Web/Social Media Site:

http://ucanr.org/sites/Intermountain_REC/

Robert Withrow-Clark

UC Cooperative Extension Advisor in San Joaquin & Stanislaus Counties

Cooperative Extension San Joaquin County
2101 East Earhart Avenue, Suite 200
Stockton, CA 95206
(209) 953-6100
rwithrowclark@ucanr.edu



Biography:

Robert Withrow-Clark joined UCCE on June 9, 2014 as the 4-H Youth Development Advisor for San Joaquin and Stanislaus counties.

Education:

Withrow-Clark earned his B.A. in Social Science from CSU Sacramento and a M.A. in Educational Administration and Leadership from the University of the Pacific, Stockton CA. He is pursuing an Ed.D in Curriculum and Instruction from the University of the Pacific, Stockton CA.

Experience:

Prior to joining UCCE, Withrow-Clark worked as the School and Community Prevention Specialist at San Juan High School in Citrus Heights, CA, since 2012. He managed budget, coordinated program development and evaluation, and supervised staff. He had a lead role in the development and oversight of the school's Freshman Transitional Mentoring, Peer Judicial Panel, and Restorative Justice Advocacy programs, while providing individual support and resources for under-served students. He was also the Varsity Boys' Basketball Coach facilitating the development of a successful athletic program and emphasizing whole student-athlete development. From July 2009-July 2012, Withrow-Clark worked for People Reaching Out in Sacramento, first as a Program Site Coordinator, facilitating classroom instruction in various youth development areas, creating curriculum for peer-to-peer mentoring programs and coordinating youth development activities. Then in April 2011, he served as Program Manager. He designed research-based youth development programs grounded in Social-Emotional Learning (SEL) theory and strategies serving diverse and under-served elementary and high school students. He designed program curriculum, managed program budgets, evaluated programs, and acted as liaison while collaborating with community partners, school partners, parents and students to assess the needs of schools as well as communities.

Areas of Expertise:

- Recreational Resources
- Wilderness
- Parks/Campgrounds/Urban Greenspace
- Watersheds
- Animal Protection
- Animal Diseases
- Animal Welfare/Well-Being and Protection
- Program and Project Support, Administration, and Communication
- Program and Project Design, and Statistics
- Communication, Education, and Information Delivery
- Healthy Lifestyle
- Nutrition Education and Behavior
- Watershed Protection and Management
- Urban Forestry
- Pollution Prevention and Mitigation
- Outdoor Recreation
- Aquatic and Terrestrial Wildlife
- Conservation of Biological Diversity
- Families, Youth, and Communities
- Individual and Family Resource Management
- Human Development and Family Well-Being
- Sociological and Technological Change Affecting Individuals, Families, and Communities
- Human Environmental Issues Concerning Apparel, Textiles, and Residential and Commercial Structures
- Community Institutions, Health, and Social Services
- Youth Development
- Community Development
- 4-H Program
- SET
- Wildlife
- Sustainable Natural Ecosystems
- Energy Security and Green Technologies
- Healthy Families and Communities
- Science Literacy in Natural Resources, Agriculture, and Nutrition
- Sustainable Food Systems

Web/Social Media Site:

<http://cesanjoaquin.ucanr.edu>

Steven Worker

UC Agriculture & Natural Resources Academic Coordinator for the 4-H Science, Engineering and Technology (SET) Initiative

California State 4-H Office

UC Agriculture and Natural Resources

2801 Second Street

Davis, CA 95618-7774

(530) 750-1341

smworker@ucanr.edu



Biography:

Steven Worker was appointed as the California 4-H Science, Engineering and Technology (SET) Coordinator on February 1, 2009. Worker coordinates statewide professional development, program planning, evaluation, and curriculum development efforts to increase science, engineering, and technology literacy of California's youth. His work is focused on strengthening 4-H STEM programs using inquiry-based, experiential education in the context of positive youth development.

Education:

Worker earned his M.S. in Community Development from UC Davis, a B.S. in Computer Science from California Polytechnic State University, and an A.A. in Liberal Arts from Allan Hancock College. Worker is currently a Ph.D. candidate at the UC Davis School of Education studying youth learning in design-based projects in informal/out-of-school environments.

Experience:

Worker joined ANR on December 17, 2001 as a State 4-H program representative coordinating adolescent leadership, recognition, and technology programs. Worker was recognized in 2006 with an Achievement in Service Award from the National Association of Extension 4-H Agents. He has co-authored 4-H curricula, including Junk Drawer Robotics; There's No New Water!; and iThrive 3: Leadership, Science and Me!

Specialty:

- Out-of-School Time/Informal Learning
- Educational Research in the Learning Sciences
- Design-Based Learning Pedagogies

Areas of Expertise:

- Families, Youth, and Communities:
 - Youth Development
 - Community Development
- Programs:
 - Youth Development
 - 4-H Program
 - SET
- Healthy Families and Communities
- Science Literacy in Natural Resources, Agriculture, and Nutrition

Web/Social Media Site:

<http://4h.ucanr.edu>

Twitter: sworkerpt

Mohammad Yaghmour, Ph.D.

UC Cooperative Extension Advisor in Kern & Kings Counties

UC Cooperative Extension Kern County

1031 South Mount Vernon Avenue

Bakersfield, CA 93307

(661) 868-6211

mayaghmour@ucanr.edu



Biography:

Dr. Mohammad Yaghmour joined UCCE on October 1, 2015 as area orchard systems advisor.

Education:

Yaghmour completed his Ph.D. in Plant Pathology from UC Davis, a M.S. in Plant Science from CSU Fresno, and a B.S. in Plant Production from University of Jordan.

Experience:

Prior to joining ANR, Yaghmour was a Postdoctoral Scholar at UC Davis Department of Plant Pathology in Dr. Rick Bostock's lab, performing research on fungal diseases of orchard crops with an emphasis on stone fruit diseases and thousand cankers disease of walnut. As a graduate student researcher in the department, from 2004 to 2010, Yaghmour identified sources of inoculum of *Geotrichum candidum* causing sour rot of peaches and nectarines, factors affecting disease development, and characterized the causal agent. During his master's studies at CSU Fresno between 2000 and 2003, Yaghmour worked as a lab and research assistant on soil and plant pathology projects.

Specialty:

- Bilingual in language(s) other than English: Arabic

Areas of Expertise:

- Fruit and Nut Crop – General
- Nut Crops
- Almonds
- Pecans
- Walnuts
- Deciduous Tree Fruits – General
- Pathogens and Nematodes Affecting Plants
- Integrated Pest Management Systems

Web/Social Media Site:

<http://cekern.ucanr.edu/>

<http://ceking.s.ucanr.edu/>

Daniele Zaccaria, Ph.D.

UC Cooperative Extension Specialist in the Department of Land, Air & Water Resources at UC Davis

Dept. of Land, Air and Water Resources (LAWR)
One Shields Avenue
Hoagland
Davis, CA 95616
(530) 219-7502
dzaccaria@ucdavis.edu



Biography:

Dr. Daniele Zaccaria joined UCCE on June 17, 2013 as agricultural water management specialist.

Education:

Zaccaria completed his Ph.D. in Civil and Environmental Engineering at Utah State University, an M.S. in Land and Water Resources Management from the International Center for Advanced Mediterranean Agronomic Studies–Mediterranean Agronomic Institute of Bari (C.I.H.E.A.M.–MAI Bari), and a B.S. in Agricultural Sciences from the University of Bari, Italy.

Experience:

Prior to joining UCCE, Zaccaria was affiliated with the International Center for Advanced Mediterranean Agronomic Studies–Mediterranean Agronomic Institute of Bari (CIHEAM-MAI Bari), where he served from 1998 to 2013 as Scientific Administrator in the Department of Land and Water Resources Management. During that period, he has been fully involved in research, training and in the formulation and execution of international cooperation projects in several Mediterranean, Middle-Eastern, North-African and central Asian countries, with focus on water resources management and irrigation, and specifically on auditing operation and service-oriented management of irrigation delivery systems.

Zaccaria’s expertise is on agricultural water management, as well as on design, performance analysis, and modernization of irrigation systems, across on-farm, district and scheme scales.

Specialty:

- Agricultural Water Management and Irrigation
- Environment and Natural Resources

Areas of Expertise:

- Conservation and Efficient Use of Water
- Agricultural, Natural Resource and Biological Engineering
- Drainage and Irrigation Systems and Facilities

Web/Social Media Site:

<http://www.caes.ucdavis.edu/about/directory/fsd/faculty>

Shijian (George) Zhuang

UC Cooperative Extension Advisor in Fresno County

UC Cooperative Extension Fresno County

550 E. Shaw Avenue, Suite 210-B

Fresno, CA 93710

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gzhuang@ucanr.edu



Biography:

Shijian (George) Zhuang joined UCCE on January 2, 2015 as a viticulture advisor. His background is in Viticulture and Enology, Food Science, and Horticultural Science. Zhuang's research focuses on wine, raisin, and table grapes.

Education:

Zhuang earned a B.S. in Viticulture and Enology from China Agricultural University, Beijing, China, and a M.S. in Horticulture from Michigan State University. Master's thesis focused on the impact of viticultural practices (crop load and canopy management) on fruit quality of Cabernet Franc grapevines grown under cool climate conditions.

Experience:

Prior to joining UCCE, Zhuang was a viticulture intern at E & J Gallo Winery where he worked on several research projects that included precision viticulture and differential irrigation. This experience provided him a greater understanding about viticulture and vineyard management in the Central Valley and the needs and future challenges of grape industry such as limited water availability, labor shortage and invasive pest species. From September 2009 to December 2012, Zhuang was a master graduate research assistant at Michigan State University where he participated in research projects such as new varieties experimental trial (NE 10-20), early leaf removal on Pinot Noir, foliar nitrogen application on Chardonnay, and crop and canopy management on Concord grapes. Zhuang also worked on canopy microclimate management and crop load manipulation in order to improve the fruit quality. During his research study, Zhuang gained skills in the analysis of different chemical compositions, such as anthocyanins and phenolics, in grapes and wines as well as grape flavor chemistry components such as methoxypyrazines.

Specialty:

- Bilingual in language(s) other than English: Chinese

Areas of Expertise:

- Grapes – Wine, Raisin, and Table Grapes
- Fruit Crops – General
- Horticulture
- Plant Production
- Food
- Human Nutrition

Web/Social Media Site:

<http://cefresno.ucanr.edu/>