

ANR Competitive Grants and High Risk/High Reward Grants-Approved LOIs

Prop Num	Prop Name	PI	SI
4958	An assessment of secondary impacts of anticoagulant rodenticides on predators	Roger Baldwin (PI), UC Davis, Dept. Wildlife, Fish, and Conservation Biology	EIPD
4988	Assessing the Virulence and Ecology of Deviant Phytophthora Species from California	Matteo Garbelotto , Dept. of ESPM-ES, UC Berkeley	EIPD
4994	Evaluating Vascular Diseases and Salinity Tolerance in Avocado Cultvars	Philippe Rolshausen , Botany & Plant Sciences, UC Riverside	EIPD
5018	Understanding virus effects on wild and crop reservoir hosts to improve disease management	Kerry Mauck Department of Entomology, University of California, Riverside	EIPD
5023	Disease transmission implications and economic impacts in the interface between feral pigs and pasture-raised livestock in California	Alda Pires , Assistant Specialist in CE, Dept. of Pop. Health & Rep, UCD	EIPD
5050	IPM programs for virus diseases of processing tomato and peppers	Robert Gilbertson , Plant Pathology Department, UC Davis	EIPD
5053	Biology and control of Neofabraea leaf spot and twig dieback	Florent Trouillas , Department of Plant Pathology, University of California, Davis and Kearney Agricultural and Extension Center.	EIPD
5096	Quantifying vine mealybug (<i>Planococcus ficus</i>) spatiotemporal dynamics: assessing invasion risk to refine early detection and management of incipient	Matt Daugherty , Department of Entomology, UC Riverside	EIPD
5102	Monitoring antimicrobial resistance of mastitis pathogens under antibiotic selection pressure in dairy cattle	Sharif Aly , Veterinary Medicine Teaching and Research Center, SVM, UC Davis	EIPD

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5108	Managing weedy rice in California: a systems-level approach	Whitney Brim-DeForest , UCCE Sutter-Yuba	EIPD
5115	Herd Level Approach to Early Detection of Postpartum Metritis	Noelia Silva-del-Rio , UCCE Dairy Veterinary Medicine Specialist – Veterinary Medicine Teaching and Research Center, Tulare	EIPD
4998	Band steam application for non-chemical control of lettuce drop and weeds in lettuce.	Steve Fennimore , CE Specialist, UC Davis, Plant Sciences	EIPD
4976	Developing a Culturally-Relevant Civic Science Approach to Improving Scientific Literacy for Latino Youth	Steven Worker , PhD, 4-H Youth Development Advisor, Marin, Sonoma, Napa, ANR	HFC
4995	Backyard Poultry Care: E-learning Solutions and Youth Civic Engagement Opportunities Designed to Enhance and Extend Knowledge and Skills	Richard Blatchford , UC Davis, Department of Animal Science	HFC
5052	4-H Youth Education at the Interface between Livestock and Predators: Protecting Predators by Promoting Livestock Welfare	Niamh Quinn , Ph.D, Human-Wildlife Interactions Advisor, University of California Cooperative Extension. Los Angeles, Orange, San Diego	HFC
5059	Using Working Landscapes to Improve Food Literacy and Healthy Lifestyles in or near Urban Communities	Wei-ting Chen , PhD, Nutrition, Family, and Consumer Sciences Advisor, Acting County Co-Director, UCCE San Francisco/San Mateo	HFC
5074	Youth Empowerment and Health Literacy Improvements Through Agricultural and Garden-Enhanced Curricula	Francene Steinberg Department of Nutrition UC Davis	HFC
5085	Pathways to Your Future: Destination UC	Shannon Horrillo (PI), UC ANR Statewide 4-H Director	HFC

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5105	Integrating Youth Development and Naturalist Training for Science Literacy	Gregory Ira , M.A, California Naturalist Academic Coordinator and Chair of the Environmental Education Workgroup, ANR	HFC
5067	Protective Factors For Successful Transition to Young Adulthood for Mexican-Origin Youth	Dorina Espinoza , Youth, Families, and Communities Advisor, University of California, Agriculture and Natural Resources	HFC
4984	Recruiting the next generation of extension professionals	Jennifer Heguy , UCCE Merced, Stanislaus & San Joaquin Counties	SFS
4996	The California Master Beekeeper Program: Development of a continuous train-the-trainer education effort for CA beekeepers	Elina L. Niño University of California Davis Department of Entomology and Nematology	SFS
5017	Viable Roots for Extension: Creating strong foundations for successful collaborations between UCANR and California Tribes	Jennifer Sowerwine , UC Berkeley	SFS
5025	Detection of Lead and Other Neurodevelopmental Toxicants in Table Eggs from Backyard Chickens in High Risk Environments in California	Birgit Puschner , Department of Molecular Biosciences and Agricultural Experiment Station, School of Veterinary Medicine, University of California, Davis	SFS
5045	Farming for Native Bees: Filling the Gaps on Nesting	Dr. Gordon Frankie , College of Natural Resources, UC Berkeley	SFS
5063	Improving table grape acclimation to warmer temperatures	Ashraf El kereamy UC Cooperative Extension – Kern County	SFS
5072	Exploring the Business Case for Fair Food: Documenting costs and benefits of improving farm labor conditions in agriculture	Christy Getz , Associate Cooperative Extension Specialist, Department of Environmental Science, Policy and Management, UC Berkeley	SFS

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5092	Pitahaya or Dragon Fruit 201: Research and Extension Program to Promote Adoption and Expansion Among Southern California Farmers	Ramiro E. Lobo , Advisor – University of California Cooperative Extension - San Diego County	SFS
4983	Cannabis Production in California: Social and environmental impacts on working landscapes	Van Butsic , Assistant Specialist, Department of Environmental Science Policy and Management. UC Berkeley.	SNE
4999	Impact of a warmer and drier future on rangeland ecosystems and ecosystem services	Jeremy James UC Sierra Foothill Research and Extension Center	SNE
5009	Empowering California's working landscapes: linking ecosystem services with rural agricultural development - RUCS 2.0	Maggi Kelly (UC Berkeley, Environmental Science, Policy, and Management, Informatics and Geographic Information Systems Statewide Program)	SNE
5028	Closing the adaptive management loop for sustainable working rangelands	Leslie Roche , UC Cooperative Extension, Department of Plant Sciences - University of California, Davis	SNE
5049	Massive tree mortality in the Sierra Nevada: Consequences for forest health	Jodi Axelson – Assistant Specialist of Forest Health, UC Cooperative Extension & UC Berkeley (Dept. of Environmental Science, Policy and Management)	SNE
5094	Forest Stand Structure and Interactions with Mortality in the Sierra Nevada: Implications for Management	Dr. Kevin L. O'Hara , Professor, UC Berkeley, Dept. of Environmental Science, Policy and Management	SNE
5101	Enhanced Development and Implementation of the Rancher Sustainability Self-Analyses Tool 2.0	Royce Larsen , UCCE San Luis Obispo County	SNE
4993	Reducing nitrate leaching to the groundwater by accounting for the soils' capacity to supply N through mineralization	Daniel Geisseler , CE Nutrient Management Specialist, University of California, Davis Department of Land, Air and Water Resources	WQS

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5021	Advancing Urban Irrigation Management to Enhance Water Use Efficiency	Amir Haghverdi , PhD, Assistant CE Specialist of Integrated Urban Water Management, Department of Environmental Sciences, University of California-Riverside	WQS
5032	Silent straws: understanding water demands from woody encroachment in California's oak woodlands	Lenya Quinn-Davidson , Area Fire Advisor, UCCE Humboldt/Mendocino/Trinity/Siskiyou	WQS
5043	Water use and conservation opportunities on California dairies	Joao Paulo Martins (JP) , Dairy Advisor, UCCE Tulare & Kings Counties	WQS
5044	Reinventing Surface Irrigation to Improve Groundwater Quality	Marsha Campbell , UCCE Stanislaus County	WQS
5068	Adaptation and Selection of Alfalfa Under Severe Saline Conditions to Address Drought	Daniel H. Putnam , UCCE Specialist (Forage Crops), Dept of Plant Sciences, UC Davis. dhputnam@ucdavis.edu (Role: Project Lead, coordination, implementation)	WQS
5089	Drought preparedness in urban landscapes: Consequences of residential lawn conversion on water consumption and thermal comfort across spatial scales	Mary L. Cadenasso , Department of Plant Sciences, UC Davis	WQS
5095	West Coast Demonstration Landscapes: A planning grant to develop proposals to fund the construction of urban landscape demonstrations	Loren Oki , Associate CE Specialist Department of Plant Sciences UC Davis	WQS
5106	Irrigation Training Program with Certification of Completion	Khaled Bali , Irrigation Water Management Specialist, Kearney REC	WQS
5113	Determining local crop coefficient values for popular rotational crops in the Sacramento and San Joaquin Valleys (sunflower	Konrad Mathesius , Agronomy Advisor, UCCE Capitol Corridor MCP.	WQS

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4942	Mitigating the Impacts of the South American Palm Weevil Invasion into California: Developing Biological Control and Extension Programs	Mark Hoddle , Department of Entomology, University of California, Riverside	EIPD
5026	Creating Cyst Nematode Suppressive Soils by Managing Indigenous Populations of the Hyperparasitic Fungus <i>Dactylella oviparasitica</i>	James Borneman , Professor, Department of Plant Pathology and Microbiology, University of California, Riverside	EIPD
5056	Controlling brown rot blossom blight in California almond orchards by using honey bees as biocontrol vectors	Elina L. Niño , Ph.D. (early career academic) Assistant Specialist in CE – Apiculture Faculty Director, Häagen-Dazs Honey Bee Haven Department of Entomology and Nematology University of California, Davis	EIPD
5091	Citrus Undercover Production Systems (CUPS) for California	Philippe Rolshausen Botany and Plant Sciences University of California Riverside.	EIPD
5117	Smart Farming: Monitoring the health	Dr. Maja M. Makagon , Department of Animal Science, University of California, Davis	SFS
5029	Harnessing the circadian clock to overcome chilling induced wilting in tomato	Julin N Maloof Department of Plant Biology UC Davis	SFS