

CALS Quarterly New Awards January - March 2017

Lead Investigator	Leading Unit	Co-Investigator	Co-Investigator Unit	Award Title	Sponsor	Total Award
Schlenke,Todd A	Entomology			A Model System for Host Pathogen Interaction: Drosophila and Its Parasitic Wasps	National Institute of Allergy and Infectious Disease	\$ 690,750
Davidowitz,Goggy	Entomology			NSF-IOS-BSF: When Physiology Meets Landscape Ecology: Effects of Landscape Fragmentation on Physiological Tradeoffs	National Science Foundation	\$ 657,228
Gunatilaka,Leslie	Sch of Natural Resources			Natural Product-Based Induction of Cancer Cell Death Combined with Immunotherapy for Melanoma Treatment	Arizona Biomedical Research Commission	\$ 649,000
Kubota,Chieri	School of Plant Sciences	Son,Young-Jun; Tronstad,Russell	ABE; AREC	Growing New Roots: Grafting to Enhance Resiliency in U.S. Vegetable Industries	North Carolina State University	\$ 648,041
Lopez,Gerardo U	Animal&Biomedical Sciences	Betancourt,Walter Quintero; Bright,Kelly; Gerba,Charles; Rivadeneira,Paula	Soil, Water And Environmental Science - Research	Cyclospora: Potential Reservoirs and Occurrence in Irrigation Waters	Center for Produce Safety	\$ 307,409
Goode,Matthew J	Sch of Natural Resources			Using Intense Demographic Data to Quantify Regional Population Viability of the Flat-Tailed Horned Lizard (Phrynosoma M" Callii)	United States Army Corps of Engineers	\$ 234,339
Giacomelli,Gene A	Agric & Biosystems Engr			Performance of Protocol Plan No FY16-131	Monsanto Company	\$ 188,703
Schwartz,Kerry L	Water Resources Research Center			Recharge the Rain: Community Resilience through STEM Education	Watershed Management Group	\$ 160,717
Zamudio,Amanda	Pima County Office	Sparks,Elizabeth W	County Office - Pima County	4-H National Mentoring Program, Year 7 (4-H NMP7)	National 4-H Council	\$ 115,920
Brown,Judith K	School of Plant Sciences			Isothermal, qPCR, and Next-gen Platforms for Strain and Group-specific Detection of Cotton Leaf Curl Multan Virus-betasatellite Complex, a High-risk Pathogen to U.S. Cotton	Cotton, Incorporated	\$ 87,000

CALS Quarterly New Awards January - March 2017

Lead Investigator	Leading Unit	Co-Investigator	Co-Investigator Unit	Award Title	Sponsor	Total Award
Steidl,Robert J	Sch of Natural Resources			Effects of a Solar Installation on Resident Birds	Arizona Electric Power Cooperative, Inc.	\$ 80,000
Brierley,Paul E	Research Administration	Brown,Paul; Sanchez,Charles	SWES	Quantitative Assessments of Water and Salt Balance for Cropping Systems in Lower Colorado River Irrigation Districts	Yuma County Agricultural Water Coalition	\$ 78,434
Subramani,Jayashankar	Maricopa Ag Center			Cotton Breeders Seed Increase Program Subramani	Cotton, Incorporated	\$ 60,000
Sanchez,Charles A	Soil Water and Enviro Sci			Understanding the Water and Salt Balance of Summer Cropping Systems and the Impacts of Fallow Based Water Transfers	Environmental Defense Fund	\$ 51,342
Schwartz,Kerry L	Water Resources Research Center			Arizona Project WET . ADWR . Arizona Project WET Expansion in the Phoenix AMA Intergovernmental agreement	Arizona Department of Water Resources	\$ 50,000
Schwartz,Kerry L	Water Resources Research Center			Arizona Project WET . ADWR . Tucson AMA Intergovernmental Agreement	Arizona Department of Water Resources	\$ 44,100
Wright,Glenn C	School of Plant Sciences	Poe,Stephen E	Agriculture and Biosystems Engineering - Instruction	Citrus Rootstock Acquisition and Evaluation - 2017 (17-02)	Arizona Citrus Research Council	\$ 42,527
Silvertooth,Jeffrey C	Yuma Agricultural Center			Benchmarking of Supply Season for Herbs and Spices In and Around Yuma Arizona	Botanical Food Company Pty Ltd (Australia)	\$ 31,022
Silvertooth,Jeffrey C	Yuma Agricultural Center			Yuma County Citrus Pest Control District (YCCPCD)	Yuma County Citrus Pest Control District	\$ 30,248
Bright,Kelly R	Soil Water and Enviro Sci			Bright Tucson Water Testing 2016	City of Tucson, Arizona	\$ 30,000
Schuch,Ursula K	School of Plant Sciences			Expanding the Landscape Drip Schedule App for the Southwest Project	Metropolitan Water District of Southern California	\$ 30,000

CALS Quarterly New Awards January - March 2017

Lead Investigator	Leading Unit	Co-Investigator	Co-Investigator Unit	Award Title	Sponsor	Total Award
Falk,Donald A	Sch of Natural Resources	Loveless,Erana Jae	School of Anthropology	RAPID: Quantifying the Effects of Historical Indigenous Burning and Bison on Mountain Valley Forest Structure and Fire Regimes	National Science Foundation	\$ 27,982
Christman,Kimberly Ann	Maricopa County Office			2017 4-H Military Partnership Grant	Kansas State University	\$ 27,750
Cuneo,S Peder	Animal&Biomedical Sciences			Arizona Livestock Incident Response Team (ALIRT) Program	Arizona Department of Agriculture	\$ 27,000
Hingle,Melanie D	Nutritional Sciences			Research Frontiers in Nutritional Sciences 2017-Feeding Your Genome: Precision Nutrition and Health	United States Department of Agriculture	\$ 25,802
Malusa,James R	Sch of Natural Resources			Regional Buffelgrass Coordination	Arizona Sonora Desert Museum	\$ 25,748
Gibson,Richard D	Pinal County Office			Western SARE State Program Plan for Arizona	Utah State University	\$ 23,100
Li,Xianchun	Entomology			Sustaining the Successful Whitefly Management Program in Arizona	Cotton, Incorporated	\$ 21,000
Palumbo,John C	Entomology			Evaluation of Insecticide Alternatives for Whiteflies and CYSDV in Melons	California Melon Research Advisory	\$ 20,396
Flesch,Aaron D	Sch of Natural Resources			Cactus Ferruginous Pygmy-Owl Monitoring and Habitat on Pima County Conservation Lands	Pima County, Arizona	\$ 19,194
Lopez,Gerardo U	Animal&Biomedical Sciences	Diaz,Duarte	Animal & Comparative Biomedical Sciences-Ext	The Western Center for Agricultural Health and Safety	University of California, Davis	\$ 18,000
Umeda,Kai	Maricopa County Office			New Groundcover and Native Grass Species When Replacing Turfgrass	Horticultural Research Institute	\$ 17,500
Ellsworth,Peter C	Entomology			Improving Insect Management Strategies In Arizona Cotton	Cotton, Incorporated	\$ 17,250

CALS Quarterly New Awards January - March 2017

Lead Investigator	Leading Unit	Co-Investigator	Co-Investigator Unit	Award Title	Sponsor	Total Award
Schuch,Ursula K	School of Plant Sciences	Brown,Judith K	School of Plant Science - Research	Investigating the Cause of Witches Broom in Blue Palo Verde, Arizona's Heritage Tree	Arizona State Forestry Division	\$ 15,000
Jaime,Ramon	School of Plant Sciences			AF36 Prevail: Optimization of a New ACRPC Product for Limiting Aflatoxin Contamination of Arizona Cottonseed	Cotton, Incorporated	\$ 13,500
Mostafa,Ayman M	Maricopa County Office			Field-Scale Movement of Lygus Bugs in Arizona Cotton	Cotton, Incorporated	\$ 13,500
Feldmann,Kenneth A	School of Plant Sciences			Maintenance and Characterization of Select Switchgrass Genotypes at the Maricopa Agriculture Center	UT-Battelle	\$ 12,354
Wright,Glenn C	School of Plant Sciences			Control of Brown Root Rot in Lemons - 2017 (17-01)	Arizona Citrus Research Council	\$ 12,299
Ottman,Michael J	School of Plant Sciences			Can the Yield of Late-Planted Small Grains be Compensated by Nitrogen Rates?	Arizona Grain Research And Promotion Council	\$ 9,459
Brown,Paul W	Soil Water and Enviro Sci			Dissemination of Weather Related Information for Arizona Cotton Producers	Cotton, Incorporated	\$ 5,400
Wright,Glenn C	School of Plant Sciences			Supporting the University of Arizona Citrus Variety Collection 2017 (17-03)	Arizona Citrus Research Council	\$ 5,175
Orbach,Marc Joel	School of Plant Sciences			Twenty Ninth Fungal Genetics Conference	National Institute of Allergy and Infectious Disease	\$ 5,000
Ottman,Michael J	School of Plant Sciences			Small Grains Variety Testing in Plant Breeder Nurseries	Arizona Grain Research And Promotion Council	\$ 3,873

CALS Quarterly New Awards January - March 2017

Lead Investigator	Leading Unit	Co-Investigator	Co-Investigator Unit	Award Title	Sponsor	Total Award
Blais,Brian	Sch of Natural Resources	Koprowski,John L	School of Natural Resources and The Environment - Research	What Are the Spatial and Behavioral Dynamics in a Conservation Translocated Population? A Viability Case Study for Threatened Narrow-Headed Gartersnakes, <i>Thamnophis Rufipunctatus</i>	T and E, Incorporated	\$ 3,000
Brocka,Colin William	Sch of Natural Resources	Koprowski,John L	School of Natural Resources and The Environment - Research	Terrestrial Ecology of the Endangered Sonoran Tiger Salamander	T and E, Incorporated	\$ 3,000
Burnett,Alexandra Diane	Sch of Natural Resources	Koprowski,John L	School of Natural Resources and The Environment - Research	Effects of Woody Encroachment on Anti-Predator Behavior and Communication	T and E, Incorporated	\$ 3,000
Lopez,Gerardo U	Animal&Biomedical Sciences			Detection of Foodborne Pathogens Using Multiplexing Molecular Methods (WASEO)	Arizona State University	\$ 378

Quarterly CALS New Awards by Co-Investigator when Leading PI is not in CALS January - March 2017

Co-Investigator	Co-Investigator Unit	Lead Investigator	Leading Unit	College Name	Award Title	Sponsor	Total Award	Co-PI Amount
Giacomelli,Gene A	Agriculture and Biosystems Engineering - Research	Kacira,Murat	Biosphere 2	Research-Discovery & Innovation	Research Projects for Horticulture in Vertical Farming Production of Vegetables	Civic Farms, LLC	\$ 250,000	\$ 112,500
Hurwitz,Bonnie L	Agriculture and Biosystems Engineering - Research	Saleska,Scott R	Ecology & Evolutionary Biology	College of Science	Illuminating the Pathways to Carbon Liberation: A Systems Approach to Characterizing the Consequential Unknowns of Carbon Transformation and Loss from Thawing Permafrost Peatlands	USDA-Ohio State University	\$ 708,186	\$ 53,916
Shubitz,Lisa	Valley Fever Center for Excellence	Galgiani,John N	Valley Fever Ctr for Excellnc	College of Medicine - Tucson	Immuno-Genetic Basis for Human Disseminated Coccidioidomycosis	National Institute of Allergy and Infectious Disease	\$ 2,270,130	\$ 28,694