

ALVSCE Quarterly New Awards January - March 2019

Lead Investigator	Leading Unit	Investigator	Investigator Unit	Award Title	Sponsor	Total Award Amount
Chorover,Jonathan D	Soil Water and Enviro Sci	Abrell,Leif; Carriere,Yves; Pryor,Barry; Walworth,James; Wright,Glenn	Soil Water Enviro Sci, Ento, SPS	Central Date Palm Laboratory Project	Omani Authority for Partnership for Development	\$ 3,895,161
Chilton,Floyd	Nutritional Sciences			Role of PUFA-Gene Interations in Health Disparities	National Center for Complementary and Integrative Health	\$ 1,718,043
LeBauer,David Shaner	Research Administration			SENTINEL: SENSing Threats In Natural Environments using Ligand-receptor Modules	DARPA-The Donald Danforth Plant Science Center	\$ 731,671
Duca, Frank Anthony	Animal&Biomedical Sciences			Evaluation of Different Dietary Fibers On Improving Energy Homeostasis Via Changes In The Gut Microbiota And Short-Chain Fatty Acids	United States Department of Agriculture	\$ 498,623
Woodson,Jesse D	School of Plant Sciences			Signal Transduction Pathways of Chloroplast Quality Control	United States Department of Energy	\$ 482,858
Riehle,Michael A	Entomology			Assessing the Physiological Roles of Distinct Insulin-Like Peptides in the Mosquito Aedes Aegypti	National Institute of Allergy and Infectious Disease	\$ 422,125
Matzkin,Luciano Matias	Entomology			Investigating a Novel Role of Ejaculate RNA in Fertility	Eunice Kennedy Shriver National Institute of Child Health and Human Development	\$ 417,474
Ruyle,George B	Sch of Natural Resources	Pfander,Jeanne L	AHS Library	A National Grazingland Information System: Expanding GlobalRangelands.org Through a Grazingland Ontology and Mobile Content Access	Natural Resources Conservation Service-University of Idaho	\$ 404,997
Despain,Del W	Sch of Natural Resources	Brischke,Andrew S	Mohave County Office	Range Land Monitoring	Bureau of Indian Affairs	\$ 225,000
Sanchez,Charles A	Soil Water and Enviro Sci	Sanchez,Charles A	Soil Water Enviro Sci-Res	Efficient Water and Nitrogen Management Practices for Mixed Leafy Baby Green Vegetables in the Desert	California Department of Food and Agriculture	\$ 224,592
Viswanathan,Virinchipuram	Animal&Biomedical Sciences			Molecular and Virulence Impacts of Hyperimmune Formulations on Clostridium Difficile and Pathogenic E. Coli	PanTheryx, Inc.	\$ 216,435
Lopez,Gerardo U	Animal&Biomedical Sciences			Cyclospora Prevalence in Irrigation Water in Fresh Produce Growing Regions in Arizona	CA dept of Food & Ag -Center for Produce Safety	\$ 167,633

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Schwartz,Kerry L	Water Resources Research Center	Mclain,Jean E T	Water Resources Rsch Ctr-Res	Bringing Microbiology and Water Quality to Arizona Classrooms: Workforce Development through Teacher Training	United States Department of Agriculture	\$ 150,000
Brown,Judith K	School of Plant Sciences			Molecular Pathology Surveillance of Leaf Curl Virus and Whitefly Haplotypes, and Host Resistance to Cotton Leaf Curl Complex, an Exotic High-Risk Pathogen-Vector Complex	Cotton, Incorporated	\$ 99,515
Bonar,Scott A	Sch of Natural Resources	Koprowski,John L	Sch of Nat Resource&Enviro-Res	Efficacy of Translocations to Augment Gambel's Quail Populations	USFWS-Arizona Game and Fish Department	\$ 95,860
Rock,Channah M	Soil Water and Enviro Sci			CPS Rapid Response - Yuma Valley	CDFA-Center for Produce Safety	\$ 84,030
Giacomelli,Gene A	Biosystems Engineering - Res			PT Reuse Tomato Substrate Trial	Premier Tech Horticulture (Canada)	\$ 69,165
Martin,Edward C	Maricopa County Office			Garden as a Tool to End Hunger	Valley of the Sun United Way	\$ 59,919
Pauli,William Duke				Assessment of Plant Productivity and Abiotic Stress Tolerance via Detailed Biochemical Analyses and Hyperspectral Sensing	Cotton, Incorporated	\$ 55,000
Davidowitz,Goggy	Entomology			Team HexaFeast National I-Corps Proposal	National Science Foundation	\$ 50,000
Giacomelli,Gene A	Biosystems Engineering - Res	Giacomelli,Gene; Kacira,Murat; Ruiz,Joaquin	Biosystems Engineering , CoS	Controlled Environment Agriculture Indoor and Vertical Food Projection Coordinated Research Conference	United States Department of Agriculture	\$ 50,000
Goode,Matthew J	Sch of Natural Resources			Integrating Fine-Scale Landscape Genomics into Monitoring and Management of FTHL	Bureau of Reclamation	\$ 49,990
Giacomelli,Gene A	Biosystems Engineering - Res			Substrate Evaluation for Greenhouse Strawberry Production for Premier Tech Horticulture	Premier Tech Horticulture (Canada)	\$ 48,307
Brierley,Paul E	YCEDA	Sanchez,Charles A	Soil Water Enviro Sci-Res	Acquisition of Goods & Services	Agricultural Research Service	\$ 48,192
Vedantam,Gayatri	Animal&Biomedical Sciences			IPA for Mr. Lindsey: Gastrointestinal Colonization of Diarrheagenic Clostridium Difficile	United States Department of Veterans Affairs	\$ 45,787
Subramani,Jayashankar	Maricopa Agricultural Ctr-Res			Seed Increase Program	Cotton, Incorporated	\$ 45,000
Umeda,Kai	Maricopa County Office	Burayu,Worku	Maricopa County Office	Native Grasses and Alternative Groundcovers for the Southwest	United States Golf Association	\$ 45,000
Wright,Glenn C	School of Plant Sciences	Poe,Stephen E	Biosystems Engineering-Ins	Citrus Scion and Rootstock Acquisition and Evaluation - 2019	Arizona Citrus Research Council	\$ 34,973

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Christman, Kimberly Ann	Maricopa County Office			4-H Military Partnerships and Outreach Support Program	USDA-Kansas State University	\$ 33,197
Brown, Judith K	School of Plant Sciences			Map the Genome and Develop Robust Diagnostic Primers for Identification of the New the Invasive Mutant of Cotton Leaf Roll Dwarf Virus(CLRDV)	Cotton, Incorporated	\$ 30,000
Pepper, Ian L	Soil Water and Enviro Sci			Characterization of Corrosion in Water Delivery Pipes	Tucson Water Department	\$ 30,000
Whitmer, Evelyn B	Cochise County Office			First Smiles	Delta Dental-University of Arizona Foundation	\$ 29,100
Whitmer, Evelyn B	Cochise County Office			Dental Sealant Services	HRSA-Arizona Department of Health Services	\$ 26,650
Josephson, Anna Leigh	Agric & Resource Econ			An Assessment of the Status of Women and Minorities in Agricultural and Applied Economics	Agricultural and Applied Economics Association Trust	\$ 25,678
Hu, Jiahuai	School of Plant Sciences			Establishing Activity of NMG-787 Against Prominent Soilborne Phytopathogens in AZ	Syngenta Crop Protection, LLC	\$ 22,500
Li, Xianchun	Entomology			Sustaining The Successful Whitefly Management Program In Arizona	Cotton, Incorporated	\$ 21,000
Megdal, Sharon B	Water Resources Research Center			Exploratory Program Development and Follow-up for Land and Water in Arizona	The Lincoln Institute of Land Policy	\$ 20,000
Tabashnik, Bruce E	Entomology	Carriere, Yves	Entomology-Res	Sustaining Efficacy of Bt Cotton Against Lepidopteran Pests - Generating a Vip3Aa resistant colony of H. zea	Cotton, Incorporated	\$ 20,000
Dhar, Arun K	Animal&Biomedical Sciences	Dhar, Arun K	Animal&Biomedical Sciences-Res	Shrimp Study for Phibro to Arun Dhar	Phibro Animal Health Corporation	\$ 19,608
Rosen, Philip C	Sch of Natural Resources			Reptile and Amphibian Effectiveness and Translocation Monitoring	Pima County Regional Flood Control District	\$ 18,265
Ellsworth, Peter C	Entomology			"Improving Insect Management Strategies In Arizona Cotton"	Cotton, Incorporated	\$ 17,000
Norton, Elbert R	Graham County Office			Arizona Upland Cotton Advanced Strains Testing Program	Cotton, Incorporated	\$ 17,000
Schuch, Ursula K	School of Plant Sciences			Assessing Water Conservation and Tree Health Under Rainwater Harvesting	USFS-Arizona State Forestry Division	\$ 15,000
Norton, Elbert R	Graham County Office			Cotton Incorporated-Cotton Specialists Partnership: Large-Plot Replicated Variety Evaluations	Cotton, Incorporated	\$ 12,000
Rock, Channah M	Soil Water and Enviro Sci	Rivadeneira, Paula	Soil Water Enviro Sci-Res	Western Regional Center to Enhance Food Safety Continuation	USDA-Oregon State University	\$ 11,993

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Hu,Jiahuai	School of Plant Sciences			Evaluation of New Fungicides to Control Citrus Brown Wood Rot	Arizona Citrus Research Council	\$ 11,000
Hu,Jiahuai	School of Plant Sciences			Survey of Fusarium Oxysporum f. sp. Vasinfectum in Arizona Cotton	Cotton, Incorporated	\$ 10,825
Whitmer,Evelyn B	Santa Cruz County Office			Compost Power: A Climate Reclamation and Education Project	Rathmann Family Foundation	\$ 10,000
Brierley,Paul E	YCEDA	Sanchez,Charles A	Soil Water Enviro Sci-Res	Measuring Evapotranspiration of Lemons	Arizona Citrus Research Council	\$ 9,736
Orbach,Marc Joel	School of Plant Sciences			Thirtieth Fungal Genetics Conference	National Institutes of Health	\$ 8,500
Schwartz,Kerry L	Water Resources Research Center			Arizona Project WET Program Lake Havasu	Lake Havasu City	\$ 7,000
Norton,Elbert R	Graham County Office			Effect of Environment on Cotton Cultivar Development	Cotton, Incorporated	\$ 6,000
Alden,Elisabeth A	Tribal Extension Programs			EmpowerU: Advocating Invasive Species Management Workshop	USDA-University of Minnesota	\$ 4,000
Dutt,Neil Robert	Sch of Natural Resources	Koprowski,John L	Sch of Nat Resource&Enviro-Res	Small Mammal Spatial Ecology of an Isolated Edge Population	T and E, Incorporated	\$ 3,000
Palanivelu,Ravishankar	School of Plant Sciences			Bench Fees for Domenico Aiello	University of Perugia	\$ 2,000
Braun,Harriet L	Coconino County Office			Rainwater Harvesting Workshop	City of Flagstaff	\$ 590
Lopez,Gerardo U	Animal&Biomedical Sciences			Detection of Cyclospora Cayetanesis and Norovirus in Irrigation Water and Wastewater Using Third Generation Droplet Digital PCR	NSF-Arizona State University	\$ 461
Teske,Jennifer A	Nutritional Sciences			Sex-Dependent Effects of Suvorexant on Weight Gain and Sleep in Rodents (WAESO)	NSF-Arizona State University	\$ 461

ALVSCE Quarterly Continuing Awards January - March 2019

Lead Investigator Name	Lead Investigator Organization Name	Proposal Title	Sponsor Name	Total Cost by Investigator
Jacobs,Laurel E	Nutritional Sciences-Ext	Arizona Nutrition Network Evaluation Services	Arizona Department of Health Services	\$ 520,433
Brown,Judith K	School of Plant Sciences-Res	HLB Detection in Citrus Leaves and Asian Citrus Psyllids and Local Trapping in Cooperation with the Arizona Department of Agriculture	Arizona Department of Agriculture	\$ 230,400
Whitmer,Evelyn B	Cochise County Office	Dental Sealant Services	Arizona Department of Health Services	\$ 222,318
Pauli,William Duke	School of Plant Sciences-Res	A Reference Phenotyping System for Energy Sorghum	The Donald Danforth Plant Science Center	\$ 191,009
Brown,Judith K	School of Plant Sciences-Res	Molecular pathology surveillance of leaf curl virus and whitefly haplotypes, and host resistance to cotton leaf curl complex, an exotic high-risk pathogen-vector complex	Cotton, Incorporated	\$ 99,515
Pauli,William Duke	School of Plant Sciences-Res	A Reference Phenotyping System for Energy Sorghum	The Donald Danforth Plant Science Center	\$ 98,398
Bonar,Scott A	Sch of Nat Resource&Enviro-Res	Efficacy of Translocations to Augment Gambel's Quail Populations	Arizona Game and Fish Department	\$ 80,000
Pauli,William Duke	School of Plant Sciences-Res	Assessment of Plant Productivity and Abiotic Stress Tolerance via Detailed Biochemical Analyses and Hyperspectral Sensing	Cotton, Incorporated	\$ 55,000
Brierley,Paul E	YCEDA	Quantitative Assessments of Water and Salt Balance for Cropping Systems in Lower Colorado River Irrigation Districts	Bureau of Reclamation	\$ 54,000
Simpson,Richard	Nutritional Sciences-Res	Biomarker Profiling of Professional Athletes	ORRECO LTD (Ireland)	\$ 49,341
Silvertooth,Jeffrey C	Yuma Agriculture Center-Res	Benchmarking of Supply Season for Herbs and Spices in and Around Yuma Arizona	Botanical Food Company Pty Ltd (Australia)	\$ 43,827
Staten,Michael E	Agricultural Education-Ext	MoneyTeach Program	National Endowment for Financial Education	\$ 34,060
Goode,Matthew J	Sch of Nat Resource&Enviro-Res	Urban Ecology and Conservation of Reptiles - Wallace Research Foundation Undergraduate Fellowship	Wallace Research Foundation	\$ 30,000
Brown,Judith K	School of Plant Sciences-Res	Map the Genome and Develop Robust Diagnostic Primers for Identification of the New the Invasive Mutant of Cotton Leaf Roll Dwarf Virus(CLRDV)	Cotton, Incorporated	\$ 30,000

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Van Leeuwen,Willem J	Sch of Nat Resource&Enviro-Res	DS/CESU: Science Support to Assist the Desert LCC Science Working Group and Landscape Conservation Design Teams	United States Fish and Wildlife Service	\$ 22,950
Van Leeuwen,Willem J	Sch of Nat Resource&Enviro-Res	DS/CESU: Science Support to Assist the Desert LCC Science Working Group and Landscape Conservation Design Teams	United States Fish and Wildlife Service	\$ 22,050
Li,Xianchun	Entomology-Res	Sustaining The Successful Whitefly Management Program In Arizona	Cotton, Incorporated	\$ 21,000
Tabashnik,Bruce E	Entomology-Res	Sustaining Efficacy of Bt Cotton Against Lepidopteran Pests - Generating a Vip3Aa resistant colony of H. zea	Cotton, Incorporated	\$ 20,000
Megdal,Sharon B	Water Resources Rsch Ctr-Res	Tracing the Footprint of Private Water in Arizona and the Colorado River Basin	The Lincoln Institute of Land Policy	\$ 20,000
Ellsworth,Peter C	Entomology-Res	Improving Insect Management Strategies In Arizona Cotton (11-857 AZ) - 2019	Cotton, Incorporated	\$ 17,000
Norton,Elbert R	Graham County Office	Arizona Upland Cotton Advanced Strains Testing Program (15-803AZ) - 2019	Cotton, Incorporated	\$ 17,000
Chorover,Jonathan D	Soil Water Enviro Sci-Res	CESU Jemez Mountains Salamander Microclimate Changes During Forest Restoration	National Park Service	\$ 16,173
Norton,Elbert R	Graham County Office	Cotton Incorporated-Cotton Specialists Partnership: Large-Plot Replicated Variety Evaluations (AZ 13-874) - 2019	Cotton, Incorporated	\$ 12,000
Hu,Jiahuai	School of Plant Sciences-Res	Survey of Fusarium oxysporum f. sp. vasinfectum in Arizona Cotton	Cotton, Incorporated	\$ 10,825
Brierley,Paul E	YCEDA	Quantitative Assessments of Water and Salt Balance for Cropping Systems in Lower Colorado River Irrigation Districts	Bureau of Reclamation	\$ 6,000
Norton,Elbert R	Graham County Office	Effect of Environment on Cotton Cultivar Development (18-053AZ) - 2019	Cotton, Incorporated	\$ 6,000
Subramani,Jayashankar	Maricopa Agricultural Ctr-Res	Cotton Breeders Seed Increase Program 03-404	Cotton, Incorporated	\$ 5,000
Pepper,Ian L	Soil Water Enviro Sci-Res	EFFICACY OF CHEMFREE H2O TECHNOLOGY AS A BACTERIOSTATIC AGENT IN WATER	ChemfreeH2O	\$ 3,750