

CALS Quarterly New Awards October - December 2018

Lead Investigator	Leading Unit	Co-Investigator	Investigator Unit	Award Title	Sponsor	Total Award
Brown,Judith K	School of Plant Sciences			Causality, phylodynamics, and management of badnaviruses infecting cacao	Wm. Wrigley Jr. Company	\$ 1,050,369
Silvertooth,Jeffrey C	Yuma Agricultural Center			Yuma County Citrus Pest Control District (YCCPCD)	Yuma County Citrus Pest Control District	\$ 799,664
Dixon,Darcy L	Sch of Family & Consum Sci	Martinez,Cathy L	Pinal County Office	UA ACE Wildcats Corps AmeriCorps Program	Corporation for National and Community Service-Governor's Office of Youth, Faith and Family GOYFF	\$ 387,603
Ellsworth,Peter C	Entomology	Fournier,Alfred J	Entomology-Ext	A Western IPM Center Led by California, Arizona, and Oregon	USDA-University of California Division of Agriculture and Natural Resources	\$ 335,174
Brown,Paul W	Soil Water and Enviro Sci			Arizona Meteorological Network (AZMET) Weather Stations Operation and Maintenance	Bureau of Reclamation	\$ 288,934
Merk,Patricia A	Maricopa County Office			Family Resource Centers	Arizona Early Childhood Development and Health Board	\$ 274,362
Guertin,D Phillip	Sch of Natural Resources			Big Data for ARS Models to Assess Historical Hydro-Climatic Trends and Projected Climate Impacts at LTAR Locations-Phase 2	Agricultural Research Service	\$ 270,103
Smith,William Kolby	Sch of Natural Resources			Forecasting Dryland Ecosystem Vulnerability	United States Army Corps of Engineers	\$ 266,693
Limesand,Kirsten H	Nutritional Sciences	Burd,Randy; Going,Scott; Hingle,Melanie; Mars,Matthew; Teske,Jennifer	Research-Discovery &Innovation; Nutritional Sciences; Ag Ed	Precision Nutrition: Emerging Solutions for Chronic Disease	United States Department of Agriculture	\$ 262,500
Ellsworth,Peter C	Entomology			Understanding the Potential for Resistance and Biological Control Impacts of Thrips and Plant Bug Active Bt Deployment	USDA-North Carolina State University	\$ 212,072
Malusa,James R	Sch of Natural Resources			Sahara Mustard Modeling and Surveys on Barry M. Goldwater Range - West Marine Corps Air Station Yuma, Arizona	United States Navy	\$ 205,700

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Frisvold,George B	Agric & Resource Econ			Research and Extension to Address Herbicide Resistance Epidemic in Annual Bluegrass in Managed Turf Systems	USDA-Texas A&M AgriLife Research	\$ 189,998
Van Leeuwen,Willem J	Sch of Natural Resources	Biederman,Joel Aaron; Broxton,Patrick	Hydrology and Water Resources; SNRE	SWANN: Snow-Water Artificial Neural Network - A Model for Estimation of Snow Water Equivalent through Iterative Training of Spaceborne, Airborne, Ground, and Watershed-based Data	Salt River Project	\$ 182,766
Cuello,Joel L	Biosystems Engineering - Res			Industrial Hemp Cell Cultures for CBD Production	Torusag, LLC	\$ 160,558
Gerba,Charles P	Soil Water and Enviro Sci	Duan,Jennifer Guohong	Civil Arch Engr and Mechanics	Development of a Model to Predict the Impact of Sediments on Microbial Irrigation Water Quality	USDA-Center for Produce Safety	\$ 148,563
Hurwitz,Bonnie L	Biosystems Engineering - Res			muSCOPE: A Comprehensive Repository of SCOPE 'Omics Data and Associated Metadata	Simons Foundation-University of Hawaii Foundation	\$ 131,709
Guertin,D Phillip	Sch of Natural Resources			Automated Geospatial Watershed Assessment to Aid Military Mission and Training - Phase 8	USDoD-Agricultural Research Service	\$ 129,400
Diaz,Duarte	Animal&Biomedical Sciences			Protocol the utilization Beef Production Heat Stress Mitigation Through Feed Additives Supplementation	Purina Animal Nutrition, LLC.	\$ 124,471
Giacomelli,Gene A	Biosystems Engineering - Res	Giacomelli,Gene A	Biosystems Engineering - Res	Performance of Protocol Plan No FY18-8A	Monsanto Company	\$ 119,066
Davidowitz,Goggy	Entomology			Arizona Insects as Food (AzIF)	United States Department of Agriculture	\$ 100,000
Betancourt,Walter Quintero	Soil Water and Enviro Sci	Bright,Kelly; Gerba,Charles	Soil Water Enviro Sci-Res	Specific, Rapid quantification of Fecal Contamination	USDA-Arizona Department of Agriculture	\$ 96,757
McCarthy,Fiona M	Animal&Biomedical Sciences			Acquisition of Goods and Services	Agricultural Research Service	\$ 95,000
Schuch,Ursula K	School of Plant Sciences	Brown,Judith K	School of Plant Sciences-Res	Controlling Palo Verde Broom in Nurseries	USDA-Arizona Department of Agriculture	\$ 93,730
Cooper,Kerry K	Animal&Biomedical Sciences			Illuminating the Role of Whole Genome Sequencing in Produce Safety	USDA-Center for Produce Safety	\$ 88,689

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Rock,Channah M	Soil Water and Enviro Sci	Mclain,Jean E T	Water Resources Rsch Ctr-Res	Science-Based Interventions for Water Contamination	USDA-Arizona Department of Agriculture	\$ 88,395
Hu,Jiahuai	School of Plant Sciences	Wright,Glenn C	School of Plant Sciences-Res	Understanding Brown Wood Rot in Lemons	USDA-Arizona Department of Agriculture	\$ 85,610
Sparks,Elizabeth W	Pima County Office			2018-2019 Walmart Foundation 4-H Healthy Habits	Walmart - National 4-H Council	\$ 81,000
Riggs,Michael W	Animal&Biomedical Sciences			Evaluation of Anti-P23 Colostrum in Binding Assays, the Neonatal Mouse Model and Calf Clinical Model of Cryptosporidiosis	PanTheryx, Inc.	\$ 79,679
Brassill,Natalie A	Maricopa Agricultural Ctr-Res	Mclain,Jean; Rock,Channah	Maricopa Agricultural Ctr; SWES	Small/Medium Size Farm FSMA Preparedness	USDA-Arizona Department of Agriculture	\$ 75,958
Soto,Jose R	Sch of Natural Resources			Understanding Public Preferences and Barriers to the Use of a Critical Climate Change Mitigation Tool: Economics of Longleaf Pine and Ecosystem Services	United States Department of Agriculture	\$ 74,952
Teegerstrom,Trent	Tribal Extension Programs			Indian Country Extension (ICE) Fund at the Indian Land Tenure Foundation 2018 Funds	Indian Land Tenure Foundation	\$ 70,000
Tfaily,Malak	Soil Water and Enviro Sci			Illuminating the pathways to carbon liberation: a systems and modeling approach to resolving the 'consequential unknowns' of carbon transformation and loss from thawing permafrost peatlands	DoE-Battelle Memorial Institute	\$ 70,000
Brierley,Paul E	YCEDA	Sanchez,Charles A	Soil Water Enviro Sci-Res	Water and Salt Management for Melons	USDA-Arizona Department of Agriculture	\$ 69,938
Walworth,James L	Soil Water and Enviro Sci			Arizona Pecans: Integrated Fertilizer Management	USDA-Arizona Department of Agriculture	\$ 66,981
Gerba,Charles P	Soil Water and Enviro Sci	Bright,Kelly R	Soil Water Enviro Sci-Res	Electrostatic Spray for Produce Sanitization	USDA-Arizona Department of Agriculture	\$ 64,811
Sanchez,Charles A	Soil Water and Enviro Sci			Zinc Nutrition of Desert Vegetables	USDA-Arizona Department of Agriculture	\$ 61,070
Brierley,Paul E	YCEDA	Pryor,Barry M	School of Plant Sciences-Res	DNA-based Tissue Diagnostics for Lettuce Fusarium	USDA-Arizona Department of Agriculture	\$ 59,196
Schwartz,Kerry L	Water Resources Research Center			Arizona Project WET . ADWR . Tucson AMA Intergovernmental Agreement	Arizona Department of Water Resources	\$ 50,000

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Megdal,Sharon B	Water Resources Research Center			Stakeholder-Driven Water Supply and Demand Analysis as a Foundation for Collaborative Planning in Cobre Valley, AZ	Bureau of Reclamation	\$ 43,241
Hall,Wesley E	Entomology	Abrell,Leif; Diaz,Duarte; Ellsworth,Peter	Soil Water Enviro Sci, ACBS, Entomology	Blister Beetle Risks to Specialty Crops	USDA-Arizona Department of Agriculture	\$ 36,239
Mostafa,Ayman M	Maricopa County Office			Alfalfa Forage Yield Trials	Forage Genetics International, LLC	\$ 36,000
Umeda,Kai	Maricopa County Office			Nativegrasses and Groundcovers for Turfgrass Replacement	USDA-Arizona Department of Agriculture	\$ 35,699
Xiong,Zhongguo	School of Plant Sciences			Identification, Characterization and Control of Seed-Transmitted New Diseases of Citrus	Agricultural Research Service	\$ 35,000
Vedantam,Gayatri	Animal&Biomedical Sciences	Viswanathan,Virinchipuram	Animal&Biomedical Sciences-Res	Perform Comparative Proteomics Analyses of Recent Clostridium Difficile and E. Coli Strains in the Presence of PanTheryx Hyperimmune Colostrum (IgG) and IgY Antibacterial Formulations	PanTheryx, Inc.	\$ 29,850
Gibson,Richard D	Pinal County Office	Norton,Elbert R	Graham County Office	Arizona State Development Program in Sustainable Agriculture	USDA-Montana State University	\$ 28,636
Wheeler,Diana E	Entomology			Acquisition of Goods and Services	Agricultural Research Service	\$ 27,399
Frisvold,George B	Agric & Resource Econ	Duval,Dari Fae	Agricultural Resource Econ-Ext	Arizona's Tree Nut Industry: Economic Contributions	USDA-Arizona Department of Agriculture	\$ 25,385
Greene,Elizabeth Ann	Animal&Biomedical Sciences			Science Creates Real Understanding of Biosecurity (SCRUB) Activity Kit to Supplement/Support Biosecurity Learning Objects	USDA-University of Vermont	\$ 24,609
Sanchez,Charles A	Soil Water and Enviro Sci			Protocol Field Trials Fertigation Embedded GE/ X Factors in WSF	Everris NA Inc.	\$ 22,176
Li,Xianchun	Entomology			Sustaining The Successful Whitefly Management Program In Arizona	Cotton, Incorporated	\$ 21,000
Megdal,Sharon B	Water Resources Research Center			Sky Island Waters: Changing the Way that Water is Valued, Used, and Managed	Sky Island Alliance	\$ 20,004

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Brown,Paul W	Extension Programs			Development of Temperature Inversion Fact Sheet for Improved Pesticide Safety in Arizona	Extension Foundation	\$ 19,300
Andrade Sanchez,Pedro	Biosystems Engineering Res			Efficiency Gains through Precision Planting of Cotton Seed Under Semi-Desert Irrigated Conditions	Cotton, Incorporated	\$ 15,000
Schwartz,Kerry L	Soil Water and Enviro Sci	Wilkening,Elizabeth Bolton; Williams,Jill	Water Resources Resrch Ctr; SW Institute for Rsch on Women	Diving Into Task Assignment Bias	Eng Information Fdn -University of Arizona Foundation	\$ 13,350
Malusa,James R	Sch of Natural Resources			Invasive Plant Control Cabeza NWR	United States Fish and Wildlife Service	\$ 12,000
Tfaily,Malak	Soil Water and Enviro Sci			Root Influences on Mobilization and Export of Mineral Bound Soil Organic Matter	DoE-University of Massachusetts Amherst	\$ 10,000
Mccloskey,William B	School of Plant Sciences	Sherman,Joshua D	Cochise County Office	Sequential Preeemergence Herbicides in Tree Nuts	USDA-Arizona Department of Agriculture	\$ 9,424
Frisvold,George B	Agric & Resource Econ	Bickel,Ashley Kerna; Duval,Dari Fae	Agricultural Resource Econ-Ext	Potential Economic Impact to Arizona Economy of Cold Inspection Facility Upgrade	Fresh Produce Association of America	\$ 7,340
Siemens,Mark C	Biosystems Engineering Res			Precision Cultivating Technologies for Improved Weed Control in Cotton	Cotton, Incorporated	\$ 7,000
Brierley,Paul E	YCEDA	Sanchez,Charles A	Soil Water Enviro Sci-Res	Evaluation of Soil Moisture Sensor Technologies in Desert Vegetable Cropping Systems	Western Growers Association	\$ 4,042
Roebuck,James C	Nutritional Sciences			Sober Truth on Preventing Underage Drinking	Substance Abuse and Mental Health Services Administration-Child and Family Resources, Incorporated	\$ 3,600
Galbraith,David W	School of Plant Sciences			Bench fees for Samina Bashir	Higher Education Commission (Pakistan)	\$ 3,500
Simpson,Richard	Nutritional Sciences			Validating a Flow Cytometric Method to Quantify Peripheral Blood Leukocyte Numbers in Healthy and G-CSF Mobilized Donors.	NSF-Arizona State University	\$ 461
Stock,S Patricia	Entomology			Role of Type 6 Secretion System in Xenorhabdus Bovienii	NSF-Arizona State University	\$ 461

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Teske, Jennifer A	Nutritional Sciences			Role of Sex Hormones in Modulating Weight Gain Due to Sleep Disruption WAESO	NSF-Arizona State University	\$ 461
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