

CALS Quarterly New Awards April - June 2018

Lead Investigator	Leading Unit	Investigator	Investigator Unit	Award Title	Sponsor	Total Award Amount
Whitmer,Evelyn B	Cochise County Office	Walsh,Michele E	Sch of Family & Consum Sci-Ext	Building Healthy Communities	Legacy Foundation of Southeast Arizona	\$ 2,000,000
Renquist,Benjamin J	Animal&Biomedical Sciences	Mandarino,Lawrence; Stump,Craig	Medicine	Targeting the Cause of Type 2 Diabetes	Arizona Biomedical Research Commission	\$ 749,932
Infante,Carlos	Nutritional Sciences			Collaborative Research: Enhancers and the Convergent Evolution of Limb Reduction in Squamates	National Science Foundation	\$ 601,499
Dixon,Darcy L	Santa Cruz County Office			Santa Cruz Family Resource Center Program	Arizona Early Childhood Development and Health Board	\$ 510,600
Schwartz,Kerry L	Water Resources Research Center	Megdal,Sharon B	Water Resources Rsch Ctr-Res	IGA between City of Phoenix and University of Arizona for Strategic Partnership for Water in the Southwest	City Of Phoenix, Arizona	\$ 500,000
Didan,Kamel	Biosystems Engineering - Res			Maintaining the Terra and Aqua MODIS Vegetation Index Algorithms and Product Suite	NASA Headquarters	\$ 492,268
McCarthy,Fiona M	Animal&Biomedical Sciences			Developing Functional Annotation Workflows For Animal Genomics Research	United States Department of Agriculture	\$ 490,000
Tabashnik,Bruce E	Entomology	Carriere,Yves	Entomology-Res	Genetics and Mechanisms of Pest Resistance to Second Generation Bt Crops	United States Department of Agriculture	\$ 460,000
Martinez,Cathy L	Pinal County Office			Developmental and Sensory Screening	Arizona Early Childhood Development and Health Board	\$ 330,000
Bonar,Scott A	Sch of Natural Resources			An Integrated Approach to Using YY Technology and Mechanical Control Methods for Invasive Fish Control	United States Geological Survey	\$ 259,407
Martinez,Cathy L	Pinal County Office			Oral Health	Arizona Early Childhood Development and Health Board	\$ 234,000
Duca, Frank Anthony	Animal&Biomedical Sciences			Role of the Small Intestine in the Prebiotic Treatment for Obesity	Arizona Biomedical Research Commission	\$ 223,258

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Orbach,Marc Joel	School of Plant Sciences	Orbach,Marc Joel	School of Plant Sciences-Res	Acquisition of Goods and Services - Orbach	Agricultural Research Service	\$ 204,861
Schwartz,Kerry L	Water Resources Research Center			City of Avondale Educational Outreach Program	City of Avondale	\$ 200,000
Hu,Jia	Sch of Natural Resources			Collaborative Research: Landscape Heterogeneity Modulates the Sensitivity of Forested Ecosystems to Climate	National Science Foundation	\$ 170,110
Dixon,Ashley L	Gila County Office	Martinez,Cathy L	Pinal County Office	Developmental and Sensory Screening	Arizona Early Childhood Development and Health Board	\$ 116,000
Skulas-Ray,Ann Christine	Nutritional Sciences	Richter,Chesney	Nutritional Sciences-Res	Effects of Freeze Dried Strawberry Powder Supplementation on Vascular Function, Blood Markers of Cardiovascular Risk, and the Gut Microbiome	The California Strawberry Commission	\$ 113,816
Dixon,Ashley L	Gila County Office	Arias,Juan M	Gila County Office	Nutrition/Obesity/Physical Activity	Arizona Early Childhood Development and Health Board	\$ 100,000
Dixon,Darcy L	Santa Cruz County Office			Harvesting the Waste of Nations: Santa Cruz County Composting Center	EPA - North American Development Bank	\$ 91,519
Whitmer,Evelyn B	Cochise County Office			Smiles Across America's Early Childhood Caries Prevention Project	Ronald McDonald House Charities - Oral Health America	\$ 90,000
Giacomelli,Gene A	Biosystems Engineering - Res			Extreme Indoor Tomato Crop Production	Plenty Unlimited Inc.	\$ 87,170
Norton,Elbert R	Graham County Office			Performance of Protocol Plan No GH_BG4_BAY_EL_02, GH18_HT4_BAY_EL_02, GH18_HT4_BAY_EL_01	Monsanto Company	\$ 82,366
Walsh,Michele E	Sch of Family & Consum Sci			National 4H - Common Measures Challenge Grant	National 4-H Council	\$ 78,000
Kunihiro,Andrew George	Nutritional Sciences	Funk,Janet L	Medicine	Bone-Specific Deglucuronidation of Turmeric-derived Curcuminoids for the Treatment of Osteolytic Disease	National Center for Complementary and Integrative Health	\$ 76,248

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Meredith, Laura	Sch of Natural Resources			Spatially-Resolved Microbial Activity Probe Using Infrared Measurements of Nitrous Oxide and Methane Isotopes in Soil	United States Department of Energy - Aerodyne Research, Inc.	\$ 74,932
Hunter, Molly	Sch of Natural Resources			Provisioning of Scientific Advice to the Joint Fire Science Program	Bureau of Land Management	\$ 74,155
Maier, Raina Margaret	Soil Water and Enviro Sci			Novel Rhamnolipid Surfactants for (Recovery of Critical Elements and) Remediation of Metal Contaminated Waste Streams	National Institute of Environmental Health Sciences - Glycosurf	\$ 68,242
Koprowski, John L	Sch of Natural Resources			Soft-release Translocation Techniques to Maximize Fidelity to Release Site in Red Squirrels	Arizona Game and Fish Department	\$ 61,895
Breshears, David D	Sch of Natural Resources			RAPID: Collaborative Research: Testing Near-Term Ecological Forecasting Throughout Emerging Extreme Drought	National Science Foundation	\$ 61,845
Malusa, James R	Sch of Natural Resources			Vegetation Mapping of the Barry M. Goldwater Range - East	United States Air Force	\$ 60,000
Sparks, Elizabeth W	Pima County Office			4-H National Mentoring Program, Year 8	Office of Juvenile Justice and Delinquency Prevention - National 4-H Council	\$ 57,960
Li, Xianchun	Entomology			Susceptibilities of Cry1Ac- and/or Cry2Ab2-resistant and susceptible corn earworms to Syngenta insecticidal lead proteins	Syngenta Crop Protection, LLC	\$ 52,220
Ellsworth, Peter C	Entomology			Performance of Protocol Plan No. PLC-2018-0211	Monsanto Company	\$ 50,000
Delgado, Melissa Yvette	Sch of Family & Consum Sci			School Climate: Responding to Latino Youth's Educational and Socio-emotional Inequality	William T. Grant Foundation	\$ 49,995
Palumbo, John C	Entomology			ISM-555 CP NA 2018 SC200 Profiling - Thrips in Leafy Vegetables	Syngenta Crop Protection, LLC	\$ 47,880
Schwartz, Kerry L	Water Resources Research Center			ThinkWater II	USDA - University of Wisconsin System	\$ 45,000
Simpson, Richard	Nutritional Sciences			Biomarker Profiling of Professional Athletes	ORRECO LTD (Ireland)	\$ 44,302

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Schwartz, Kerry L	Water Resources Research Center			Arizona Project WET	Arizona Department of Water Resources	\$ 44,100
Ellsworth, Peter C	Entomology			Acquisition of Goods and Services - Ellsworth	Agricultural Research Service	\$ 44,002
Gibson, Richard D	Gila County Office	Carstens, Renee	Gila County Office	Mentoring Youth in GlobeMiami (myGlobeMiami)	Freeport McMoran Copper and Gold Foundation	\$ 42,500
Flesch, Aaron D	Sch of Natural Resources	Herrmann, Hans Werner	Sch of Nat Resource&Enviro-Res	Status, Distribution, Habitat, and Stressors of the Sonoran Talussnail	Arizona Game and Fish Department	\$ 40,301
Megdal, Sharon B	Water Resources Research Center			Tracing the Footprint of Private Water and the Colorado River Basin	The Lincoln Institute of Land Policy	\$ 40,000
Gibson, Richard D	Gila County Office			WSARE Project #EW17-103 Arizona Implementation Award	USDA - Utah State University	\$ 37,998
Ellsworth, Peter C	Entomology			Performance of Protocol Plan No 2018-01-N9-05	Monsanto Company	\$ 37,875
Martinez, Cathy L	Pinal County Office	Dixon, Ashley L	Gila County Office	Gila Oral Health	Arizona Early Childhood Development and Health Board	\$ 36,000
Riggs, Michael W	Animal&Biomedical Sciences			Evaluation of Anti-cryptosporidium Drug Tam3x26 in the Calf Clinical Model of Cryptosporidiosis	Bill and Melinda Gates Foundation - Texas A&M AgriLife Research	\$ 35,782
Jacobs, Katharine L	Soil Water and Enviro Sci	Weiss, Jeremy Lee	Sch of Nat Resource&Enviro-Ext	Mapping Climate Exposure and Climate Information Needs to Utility Business Functions	The Water Research Foundation - The Cadmus Group LLC	\$ 35,000
Brierley, Paul E	YCEDA	Sanchez, Charles A	Soil Water Enviro Sci-Res	Measuring Evapotranspiration of Desert Durum at Multiple Scales	Arizona Grain Research And Promotion Council	\$ 30,765
Walsh, Michele E	Sch of Family & Consum Sci	DeBlois, Madeleine	Sch of Family Consumer Sci-Res	Best Practices in Increasing Participation among Youth of Color in 4-H Healthy Living Programs	Walmart - National 4-H Council	\$ 30,000
Scheitrum, Daniel	Agric & Resource Econ			International Biofuel Supplies for Meeting California's Low-Carbon Fuel Standard	The California Air Resources Board - Arizona State University	\$ 28,265

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McCreynolds, Kim H	Cochise County Office			Coronado Range Monitoring	United States Forest Service	\$ 20,000
Rasmussen, Craig	Soil Water and Enviro Sci			2018 Western Regional National Cooperative Soil Survey (NCSS) Conference	Natural Resources Conservation Service	\$ 20,000
Silvertooth, Jeffrey C	Agric Extension Administration			Assistant in Extension, Pesticide Safety Education	Arizona Department of Agriculture	\$ 20,000
Tabashnik, Bruce E	Entomology			Sustaining Efficacy of Bt Cotton Against Lepidopteran Pests - Generating a Vip3Aa Resistant Colony of H. zea	Cotton, Incorporated	\$ 20,000
Falk, Donald A	Sch of Natural Resources	Malusa, James R	Sch of Nat Resource & Enviro-Res	FireScape Support	United States Forest Service	\$ 19,500
Teegerstrom, Trent	Tribal Extension Programs			Small and Minority Food Businesses Development Program in Tohono O'odham Nation and Painted Desert Commercial Land Development for a Regional Food Hub in Coconino County and Western Navajo Agency	USDA - Apex Applied Technology, Incorporated	\$ 16,935
Giacomelli, Gene A	Biosystems Engineering - Res			Mushrooms on Mars: A Subsystem for Human Life Support	Dubai Future Foundation - Gaaana (Estonia)	\$ 16,332
Wright, Glenn C	School of Plant Sciences			Investigating Lemon Fruit Drop (LFD) in the Desert Region	Citrus Research Board	\$ 15,000
Ellsworth, Peter C	Entomology			Efficacy of UA1702 and UA1703 against Lygus hesperus and Bemisia tabaci	BASF Corporation	\$ 13,815
McCloskey, William B	School of Plant Sciences	Norton, Elbert R	Soil Water Enviro Sci-Res	Engenia, Enlist and Glufosinate: Efficacy on Palmer amaranth and Cotton Injury from Auxin Herbicide Drift	Cotton, Incorporated	\$ 12,000
Riggs, Michael W	Animal & Biomedical Sciences			Novel Compounds as Food Additives Active Against Cryptosporidium parvum	Purina Animal Nutrition, LLC.	\$ 12,000
Palumbo, John C	Entomology			Evaluation of Insecticide Alternatives for Whiteflies and CYSDV in Melons	California Melon Research Advisory	\$ 11,616
Dhar, Arun K	Animal & Biomedical Sciences			Early Mortality Syndrome/Acute Hepatopancreatic Necrosis Disease Challenge of Penaeus vannamei Juveniles, Fed NexPRO to Determine the Survival Effect at 2 Different Doses	Flint Hills Resources,	\$ 10,915

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Kacira,Murat	Biosystems Engineering - Res	Tollefson,Stacy Joy	Biosystems Engineering-Ins	Design and Evaluation of Aerobic Biodigestion for Liquid Organic Fertilizer	Wholesum Farms Arizona, LLC.	\$ 10,396
Hu,Jiahuai	School of Plant Sciences			Fusarium Race 4 Research Project	Arizona Cotton Research And Protection Council	\$ 10,000
Siemens,Mark C	Biosystems Engineering - Res			Precision Cultivating Technologies for Improved Weed Control in Cotton	Cotton, Incorporated	\$ 10,000
Teegerstrom,Trent	Tribal Extension Programs			Nalwoodi Denzhone Community-Outreach and Assistance for Socially Disadvantaged Farmers and Ranchers and Veteran Farmers and Ranchers Program	USDA - Apex Applied Technology, Incorporated	\$ 10,000
Hu,Jia	Sch of Natural Resources			Linking Topography, Changing Snow Regimes, Nitrogen Dynamics, and Forest Productivity	USDA -Montana State University	\$ 8,998
Christman,Kimberly Ann	Maricopa County Office			Air Force/4-H Military Partnership and Outreach and Support	USDA - Kansas State University	\$ 7,924
Norton,Elbert R	Graham County Office			NMG-787 for the control of Fusarium spp. in Cotton	Syngenta Crop Protection, LLC	\$ 7,873
Frisvold,George B	Agric & Resource Econ	Frisvold,George B	Agricultural Resource Econ-Ext	Arizona's Agribusiness System: Contributions to the State Economy	Arizona Farm Bureau	\$ 7,000
Mostafa,Ayman M	Maricopa County Office			Performance of Protocol Plan No FY 18-4	Monsanto Company	\$ 6,493
Norton,Elbert R	Soil Water and Enviro Sci			Effect of Environment on Cotton Cultivar Development	Cotton, Incorporated	\$ 6,000
Bogan,Michael	Sch of Natural Resources	Walker,David B	Sch of Nat Resource&Enviro-Res	Aquatic Invertebrate Surveys on Pima County Lands	Pima County, Arizona	\$ 5,062
Hodges,Tanya M	Agricultural Education	Rice,Amber Michelle	Agricultural Education-Ins	2018 USDA "STEAM" Summer Residential Program at UA-Yuma (Pilot Project)	United States Department of Agriculture	\$ 4,000
Sherman,Joshua D	Cochise County Office	Hu,Jiahuai	School of Plant Sciences-Ext	Biology, Epidemiology, and Management of Anthracnose Blight of Pistachio in California and Phoma Blight of Pistachio in Arizona	California Pistachio Research Board - University of California, Davis	\$ 4,000
Schmidt,Monica	School of Plant Sciences			Bench Fees for Sadia Zafar	Higher Education Commission (Pakistan)	\$ 3,500

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Xiong,Zhongguo	School of Plant Sciences			Cotton Leaf Curl Burewala Virus Complex: Virus-Host Interactions	Higher Education Commission (Pakistan)	\$ 3,500
Ticks,Barry R	Yuma Agricultural Center			Evaluating the Effect of Timing of Sandea (Halosulfuron) and Clethodim Herbicides to Direct Seeded and Transplant Melons	California Melon Research Advisory	\$ 3,100

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Co-Investigator	Co-Investigator Unit	Lead Investigator	Leading Unit	College Name	Award Title	Sponsor	Total Anticipated Amount (Award)	Co-PI Award Amount
Chief, Karletta	Soil Water and Enviro Sci-Ext	Field, James A	Chemical & Environmental Engr	College of Engineering	LSAMP BD: University of Arizona, Western Alliance to Expand Student Opportunities	National Science Foundation	\$ 1,075,000	\$ 107,500
Ramirez, Monica D	Soil Water Enviro Sci-Res	Field, James A	Chemical & Environmental Engr	College of Engineering	LSAMP BD: University of Arizona, Western Alliance to Expand Student Opportunities	National Science Foundation	\$ 1,075,000	\$ 107,500
Ramirez, Monica D	Soil Water Enviro Sci-Res	Jacobs, Katharine L	Institute of the Environment	RDI Center & Institutes	2018 Colorado River Basin Stakeholder Workshop Co-Sponsorship	Bureau of Reclamation	\$ 9,950	\$ 7,463
Ramirez, Monica D	Soil Water Enviro Sci-Res	Jacobs, Katharine L	Institute of the Environment	RDI Center & Institutes	Workshop for Building a Science Agenda for the Colorado River	Denver Water	\$ 5,000	\$ 3,750
Ramirez, Monica D	Soil Water Enviro Sci-Res	Yoon, Jeong-Yeol	Biomedical Engineering	College of Engineering	Adapting Oil Fingerprinting Analysis with Smartphone Agency	Korea Ocean Science and Technology (South Korea)	\$ 89,580	\$ 44,790