

CALS Quarterly New Awards July-Sep 2017

Lead Investigator	Leading Unit	Investigator	Investigator Unit	Award Title	Sponsor	Total Award Amount
Maier,Raina Margaret	Soil Water and Enviro Sci	Artiola,Janick; Barton,Mark; Betterton,Eric; Boitano,Scott; Brusseau,Mark; Chief,Karletta; Chorover,Jonathan; Field,James; Lantz,Robert; Neilson,Julia; Ramirez,Monica; Saez,Avelino; Sorooshian,Armin;	Soil Water and Environmental Sciences-Ins	Risk and Remediation of Metal-Mining Wastes	National Insitute of Environmental Health Sciences	\$ 3,270,709
Antin,Parker B	Animal&Biomedical Sciences			AviPort: A Resource for Avian Biology	Eunice Kennedy Shriver National Institute of Child Health and Human Development	\$ 3,238,370
Chief,Karletta	Soil Water and Enviro Sci	Colombi,Benedict; Kacira,Murat; Ogden,Kimberly; Ratcliff,Erin	AISP, ABE, CEE, MSE	NRT-INFEWS: Indigenous Food, Energy, and Water Security and Sovereignty	National Science Foundation	\$ 2,994,286
Craig,Zelieann R	Animal&Biomedical Sciences	Billheimer,David; Doetschman,Thomas	Epidemiology and Biostatistics	Environmentally Relevant Phthalate Exposures and Ovarian Function	National Insitute of Environmental Health Sciences	\$ 2,281,427
Ottman,Michael J	School of Plant Sciences	Andrade Sanchez,Pedro; Antin,Parker; Ottman,Michael	Agriculture and Biosystems Engineering - Research	Root Genetics in the Field to Promote Drought Adaptation and Carbon Sequestration	USDoE - Colorado State University	\$ 892,877
Hurwitz,Bonnie L	Agric & Biosystems Engr			Collaborative Proposal: Earthcube Building Blocks: Planet Microbe: Enabling the Discovery and Integration of Oceanographic 'omics, Environmental and Physiochemical Data Layers	National Science Foundation	\$ 872,985
Megdal,Sharon B	Water Resources Research Center	Petersen-Perlman,Jacob	Water Resources Research Center-Res	Transboundary Aquifer Assessment Program: Arizona Water Resources Research Center Effort	United States Geological Survey	\$ 833,330

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Ellsworth,Peter C	Entomology	Fournier,Alfred J	Maricopa Agriculture Center - Extension	The Arizona Pest Management Center: Addressing Statewide IPM Priorities with High-Impact Extension Programs	United States Department of Agriculture	\$ 825,000
Renquist,Benjamin J	Animal&Biomedical Sciences			Simultaneous Ligand-Directed Cytotoxic Toxin and Endosome Disruptor Delivery to Ablate Prostate Cancer	United States Army Medical Research Acquisition Activity	\$ 547,014
Despain,Del W	Sch of Natural Resources			Utilizing VGS to aid in vegetation data collection, management, storage and retrieval.	Natural Resources Conservation Service	\$ 420,000
Teske,Jennifer A	Nutritional Sciences	Rance,Naomi E	Pathology	Pre-Clinical Model for Sleep Deprivation-Induced Obesity and Hedonic Intake Due to Noise Exposure	National Institute of Neurological Disorders and Stroke	\$ 415,654
Matzkin,Luciano Matias	Entomology			Genetic Analysis and Life History Consequences of Variation in Larval Behavior in Cactophilic Drosophila	NSF - University Of Alabama In Huntsville	\$ 399,600
Brown,Judith K	School of Plant Sciences			University of Arizona Asian Citrus Psyllid Polymerase Chain Reaction Analysis	California Department of Food and Agriculture	\$ 348,766
Teegerstrom,Trent	Tribal Extension Programs			AZ Indian Country Extension Programs: Tri-State Navajo Nation-Window Rock	United States Department of Agriculture	\$ 348,000
Teegerstrom,Trent	Tribal Extension Programs			AZ Indian Country Extension Programs: Colorado River Indian Tribes (CRIT)	United States Department of Agriculture	\$ 328,000
Teegerstrom,Trent	Tribal Extension Programs			AZ Indian Country Extension Programs: The Hopi Tribe	United States Department of Agriculture	\$ 324,000
Siemens,Mark C	Agric & Biosystems Engr	Matheron,Michael E	School of Plant Science - Research	Use Of Precision Applied Steam To Control Soilborne Pathogens And Weeds In Lettuce	United States Department of Agriculture	\$ 323,493
Teegerstrom,Trent	Tribal Extension Programs			AZ Indian Country Extension Programs: Hualapai Nation	United States Department of Agriculture	\$ 320,000
Teegerstrom,Trent	Tribal Extension Programs			AZ Indian Country Extension Programs: Navajo Nation-Shiprock	United States Department of Agriculture	\$ 320,000

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Teegerstrom,Trent	Tribal Extension Programs			AZ Indian Country Extension Programs: Navajo Nation-Tuba City	United States Department of Agriculture	\$ 316,000
Teegerstrom,Trent	Tribal Extension Programs			AZ Indian Country Extension Programs: San Carlos Apache Tribe	United States Department of Agriculture	\$ 316,000
Riehle,Michael A	Entomology	Riehle,Michael A	Entomology-Res	Midgut Mitochondria as The Key to Fit, Plasmodium-Resistant Anopheline Mosquitoes	NIAID - University of Idaho	\$ 225,106
Parrott,Amy M	Yuma County Office			First Things First - Yuma	Arizona Early Childhood Development and Health Board	\$ 220,000
Brierley,Paul E	YCEDA	Sanchez,Charles	SWES	Quantitative Assessments of Water and Salt Balance for Cropping Systems in Lower Colorado River Irrigation Districts	Bureau of Reclamation	\$ 150,000
Fisher,Lawrence A	Sch of Natural Resources	Van Leeuwen,Willem J	School of Natural Resources and The Environment - Research	Science Support to Assist the Desert LCC Science Working Group and Landscape Conservation Design Teams	United States Fish and Wildlife Service	\$ 150,000
Gerst,Katharine L	Sch of Natural Resources	Crimmins,Theresa M	School of Natural Resources and The Environment - Research	Advanced Phenoclimatic Information System	NASA Headquarters	\$ 147,681
Dial,Sharon M	AZ Veterinary Diagnostic Lab			AZ NAHLN FY 17 Level 2 Member Lab Agreement	United States Department of Agriculture	\$ 120,693
Martin,Edward C	Maricopa County Office			Smartscape Contract 2017	Arizona Municipal Water Users Association	\$ 120,000
Diaz,Duarte	Animal&Biomedical Sciences	Collier,Robert; Faulkner,Dan; Wright,Ashley Diane	Animal & Comparative Sciences-Res	Protocol the Utilization Beef Production Heat Stress Mitigation Through Feed Additives Supplementation	Purina Animal Nutrition, LLC.	\$ 101,061
Chief,Karletta	Soil Water and Enviro Sci			A Symposium on Indigenous Water Knowledge and Hydrologic Science	National Science Foundation	\$ 99,759
Guertin,D Phillip	Sch of Natural Resources			Acquisition of Goods and Services - Guertin	Agricultural Research Service	\$ 94,370

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Martinez,Cathy L	Pinal County Office			Pinal Parenting Education	Arizona Early Childhood Development and Health Board	\$ 77,000
Giacomelli,Gene A	Agric & Biosystems Engr			Evaluating Premier Tech Products in the Greenhouse - Layflat Gro-Bags	Premier Tech Horticulture (Canada)	\$ 74,266
Ruyle,George B	Sch of Natural Resources	Hutchinson,Barbara S	School of Natural Resources and The Environment - Research	Collaborative Training for Southwest Grassland Restoration Under Environmental Uncertainty	USDA - Utah State University	\$ 71,503
Silvertooth,Jeffrey C	Yuma Agricultural Center	Silvertooth,Jeffrey C	Yuma Agriculture Center-Res	Yuma County Citrus Pest Control District (YCCPCD)	Yuma County Citrus Pest Control District	\$ 71,497
Ruyle,George B	Sch of Natural Resources	Howery,Larry; Steidl,Robert	School of Natural Resources and the Environment - Extension	CESU - Southwestern Willow Flycatcher Working Lands for Wildlife Effort	Natural Resources Conservation Service	\$ 62,500
Bonar,Scott A	Sch of Natural Resources			Relationship Between Native and Nonnative Fish Presence and the Five Components of the Hydrograph in Streams of the Mogollon Rim	United States Geological Survey	\$ 50,986
Jacobs,Laurel E	Nutritional Sciences			UofA School Health Assessment	Arizona Department of Health Services	\$ 37,120
Hu,Jiahuai	School of Plant Sciences			Confirmation of Microbial Pathogens for Phytosanitary Clearance	USDA - Arizona Department of Agriculture	\$ 34,436
Fehmi,Jeffrey S	Sch of Natural Resources			Acquisition of Goods and Services - Fehmi	Agricultural Research Service	\$ 33,594
Smith,Steven E	Sch of Natural Resources			Optimizing Seed Production and Stand Establishment of Two Minimum-Input Turfgrass Species	United States Golf Association	\$ 26,190
Frisvold,George B	Agric & Resource Econ	Duval,Dari Fae	Agricultural and Resource Economics - Extension	Economic Contribution of Agriculture in Maricopa County	Gila River Indian Community - The Technical Assistance Partnership of Arizona	\$ 23,935

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Frisvold,George B	Agric & Resource Econ	Bickel,Ashley Kerna; Duval,Dari Fae	Agricultural and Resource Economics - Extension	The Economic Impact Assessment of Mexican Grey Wolf Re-Introduction	Arizona Cattle Industry Research and Education Foundation	\$ 23,933
Palumbo,John C	Entomology			Evaluation of Insecticides for Insect Management in Desert Head Lettuce (18-03)	Arizona Iceberg Lettuce Research Council	\$ 23,050
Brierley,Paul E	YCEDA	Sanchez,Charles	SWES	Measuring Evapotranspiration of Desert Durum at Multiple Scales	Arizona Grain Research And Promotion Council	\$ 20,884
Brierley,Paul E	YCEDA	Sanchez,Charles	SWES	Evapotranspiration from Desert Iceberg Lettuce Production Systems	Arizona Iceberg Lettuce Research Council	\$ 18,389
Brierley,Paul E	YCEDA	Pryor,Barry M	School of Plant Science - Research	Genomic Analysis of Field Soil Infested with Fusarium Oxysporum f.sp. Lactucaee (18-07)	Arizona Iceberg Lettuce Research Council	\$ 17,244
Brierley,Paul E	YCEDA			Genomic Analysis of Field Soil Infested with Fusarium Oxysporum f.sp. Lactucaee (18-07)	Arizona Iceberg Lettuce Research Council	\$ 17,244
Matheron,Michael E	School of Plant Sciences			Integrated use of Fungicides and Lettuce Genetics to Manage Downy Mildew (18-02)	Arizona Iceberg Lettuce Research Council	\$ 17,212
Gallery,Rachel Elizabeth	Sch of Natural Resources	Gebhardt,Martha Mary	County Office - Pima County	Doctoral Dissertation Research: Integrating Image Spectroscopy and Microbial Biogeochemistry to Analyze Woody Shrub Encroachment	National Science Foundation	\$ 15,999
Ottman,Michael J	School of Plant Sciences			Water Use and Rooting of Low Input Barley	Arizona Grain Research And Promotion Council	\$ 14,896
Limesand,Sean W	Animal&Biomedical Sciences			Nutrient and Insulin Metabolic Actions in IUGR Fetal Liver	NIDDKD - University of Colorado	\$ 13,256
Frisvold,George B	Agric & Resource Econ	Bickel,Ashley Kerna; Duval,Dari Fae	Agricultural and Resource Economics - Extension	Economic Contribution of U.S. Agricultural Value Chain Linkages to Mexican Tomato Production for Export to U.S.	Fresh Produce Association of America	\$ 11,153
Tickes,Barry R	Yuma Agricultural Center	Tickes,Barry R	Yuma Agriculture Center-Res	Evaluation of Herbicide for Postemergence Broadleaf Weed Control in Lettuce (18-01)	Arizona Iceberg Lettuce Research Council	\$ 10,500

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Brown,Paul W	Soil Water and Enviro Sci			Arizona Meteorological Network	Arizona Cotton Research And Protection Council	\$ 10,000
Gallery,Rachel Elizabeth	Sch of Natural Resources			Collaborative Research: Ecological Knowledge and Predictions: Integrating Across Networks and National Observatories	National Science Foundation	\$ 8,557
Ottman,Michael J	School of Plant Sciences			Small Grains Variety Testing	Arizona Grain Research And Promotion Council	\$ 7,002
Palumbo,John C	Entomology			Monitoring Lettuce Insects in Yuma County (18-04)	Arizona Iceberg Lettuce Research Council	\$ 4,755
Brusseau,Mark L	Soil Water and Enviro Sci			Bench Fees for Visiting Scholar, Zia ur Rahman	Higher Education Commission (Pakistan)	\$ 3,500

New Awards by CALS Co-Investigator when Leading PI is not in CALS

Co-Investigator	Co-Investigator Unit	Lead Investigator	Leading Unit	College Name	Award Title	Sponsor	Total Anticipated Amount (Award)	Co-PI Award Amount
Bea,Jennifer W	Nutritional Sciences - Research	Chen,Zhao	Epidemiology and Biostatistics	College of Public Health	Abdominal Adipose Depots and Cardiometabolic Disease Risk in Postmenopausal Women	NIA- University of California, Irvine	\$ 396,456	\$ 43,263
Brusseau,Mark L	Soil Water and Environmental Sciences-Ins	Dontsova,Katerina M	Biosphere 2	RDI Center & Institutes	Phototransformation, Sorption, Transport, and Fate of Mixtures of NTO, DNAN, and Traditional Explosives as a Function of Climatic Conditions	United States Army Corps of Engineers	\$ 562,145	\$ 52,194
Gunatilaka,Leslie	School of Natural Resources and The Environment - Research	Ogden,Kimberly L	Chemical & Environmental Engr	College of Engineering	Sustainable Bioeconomy for Arid Regions (SBAR)	United States Department of Agriculture	\$ 14,810,000	\$ 351,300
Lopez,Gerardo U	Animal & Comparative Biomedical Sciences-Ext	Ogden,Kimberly L	Chemical & Environmental Engr	College of Engineering	Sustainable Bioeconomy for Arid Regions (SBAR)	United States Department of Agriculture	\$ 14,810,000	\$ 351,300
Maier,Raina Margaret	Soil, Water And Environmental Science - Research	Ogden,Kimberly L	Chemical & Environmental Engr	College of Engineering	Sustainable Bioeconomy for Arid Regions (SBAR)	United States Department of Agriculture	\$ 14,810,000	\$ 351,300
Martinez,Jessica A	Nutritional Sciences - Research	Jacobs,Elizabeth T	Epidemiology and Biostatistics	College of Public Health	Selenium Chemoprevention: Benefits and Harms	National Cancer Institute	\$ 2,102,833	\$ 37,219
Mccloskey,William B	School of Plant Science - Research	Ogden,Kimberly L	Chemical & Environmental Engr	College of Engineering	Sustainable Bioeconomy for Arid Regions (SBAR)	United States Department of Agriculture	\$ 14,810,000	\$ 351,300
Molnar,Istvan	School of Natural Resources and The Environment - Research	Ogden,Kimberly L	Chemical & Environmental Engr	College of Engineering	Sustainable Bioeconomy for Arid Regions (SBAR)	United States Department of Agriculture	\$ 14,810,000	\$ 351,300
Orbach,Marc Joel	School of Plant Science - Research	Galgiani,John N	Valley Fever Ctr for Excellnc	College of Medicine - Tucson	An Avirulent Arthroconidial Vaccine Candidate to Prevent Human Coccidioidomycosis	National Institute of Allergy and Infectious Disease	\$ 4,819,617	\$ 342,801

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Ray,Dennis T	School of Plant Science - Research	Ogden,Kimberly L	Chemical & Environmental Engr	College of Engineering	Sustainable Bioeconomy for Arid Regions (SBAR)	United States Department of Agriculture	\$ 14,810,000	\$ 702,600
Rock,Channah M	Soil, Water And Environmental Science - Research	Ogden,Kimberly L	Chemical & Environmental Engr	College of Engineering	Sustainable Bioeconomy for Arid Regions (SBAR)	United States Department of Agriculture	\$ 14,810,000	\$ 351,300
Teegerstrom,Trent	Agriculture Extension Administration	Ogden,Kimberly L	Chemical & Environmental Engr	College of Engineering	Sustainable Bioeconomy for Arid Regions (SBAR)	United States Department of Agriculture	\$ 14,810,000	\$ 351,300
Waller,Peter M	Agriculture and Biosystems Engineering - Research	Ogden,Kimberly L	Chemical & Environmental Engr	College of Engineering	Sustainable Bioeconomy for Arid Regions (SBAR)	United States Department of Agriculture	\$ 14,810,000	\$ 702,600