

CALS Quarterly New Awards July-Sep 2016

Lead Investigator	Leading Unit	Co-Investigator	Co-Investigator Unit	Award Title	Sponsor	Total Award
Harris,Rebecca Ann Mosher	School of Plant Sciences	Beilstein,Mark A	School of Plant Science Research	Deciphering the Link between RNA directed DNA Methylation and Reproduction in Brassicaceae	National Science Foundation	\$ 2,270,969
Wing,Rod A	School of Plant Sciences			Reference-Quality Drosophila Genome Assemblies for Evolutionary Analysis of Previously Inaccessible Genomic Regions	National Institute of General Medical Sciences	\$ 2,267,679
Ramirez,Monica D	Soil Water and Enviro Sci	Abrell,Leif M; Mclain,Jean E T; Root,Robert A	Soil, Water And Environmental Science Research; Water Resources Research	Advancing Informal Environmental STEM Literacy & Learning: Co-Created Citizen Science Rainwater Harvesting in Underserved Communities	National Science Foundation	\$ 2,260,186
Zhao,Ningning	Nutritional Sciences			Mechanisms of Iron-Dependent Regulation of ZIP-14	National Institute of Diabetes and Digestive and	\$ 728,826
Hurwitz,Bonnie L	Agric & Biosystems Engr	Hartman,John H	Computer Science	CIF21 DIBBs: PD: Accelerating Comparative Metagenomics Through an Ocean Cloud Commons	National Science Foundation	\$ 496,064
Archer,Steven R	Sch of Natural Resources			Collaborative Proposal: Aeolian Processes: An Overlooked Driver of State Change in Drylands?	National Science Foundation	\$ 380,396
Riggs,Michael W	Animal&Biomedical Sciences			Calf Model Resources for Ongoing Cryptosporidium Studies	Bill and Melinda Gates Foundation	\$ 300,000
Mostafa,Ayman M	Maricopa County Office			Overhauling Alfalfa Weevil Management in Irrigated Southwest Desert Alfalfa	United States Department of Agriculture	\$ 246,000
Tang-Nelson,Feng-Jyu	Animal&Biomedical Sciences			Testing of Diets Against Shrimp Pathogens	Skretting Aquaculture Research Centre (Norway)	\$ 229,125
Main,Gregory D	Maricopa Ag			Plant Physiology and Genetics Research Unit	Agricultural Research	\$ 199,430
Davidowitz,Goggy	Entomology			Development of Stable Isotopes & New Biochemical Tools for Identification of Sterile Insects and Determination of Pest	United States Department of Agriculture	\$ 193,485
Fisher,Lawrence A	Sch of Natural Resources			Research Support to Assist the Desert LCC Science Working Group and Critical Management Questions Teams	Bureau of Reclamation	\$ 183,236

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Barnett,LoriAnne	Sch of Natural Resources	Posthumus,Erin Elizabeth	School of Natural Resources and The Environment -	Phenology Monitoring - Nature's Notebook Citizen Science for Management and Engagement: Technical Assistance	United States Fish and Wildlife Service	\$ 172,272
Megdal,Sharon B	Water Resources Research Center	Castro,Christopher L	Hydrology and Atmospheric Sciences	Transboundary Aquifer Assessment Program (TAAP): Arizona Water Resources Research Center Effort	United States Geological Survey	\$ 166,666
Guertin,D Phillip	Sch of Natural Resources			Automated Geospatial Watershed Assessment to Aid Military Mission and Training - Phase 5	Agricultural Research Service	\$ 165,000
Van Leeuwen,Willem J	Sch of Natural Resources	Hartfield,Kyle A; Swetnam,Tyson L	School of Natural Resources and The Environment - Research; BIO5	BLM (Arizona), CESU BLM YFO Lower Gila River Vegetation Mapping	Bureau of Land Management	\$ 145,000
Kacira,Murat	Agric & Biosystems Engr			Improving Sustainability of Greenhouse Production Using Semi-Transparent Flexible Photovoltaic Films	Binational Agricultural Research and Development Fund (Israel)	\$ 140,000
Martinez,Cathy L	Agric Extension Administration	Dixon,Darcy L	Agriculture Extension Administration	Achieving Success by Promoting Readiness for Education and Employment	The State of Utah-Governor's Office of Youth,	\$ 125,000
Moore,David Joseph	Sch of Natural Resources			Ecosystem Water and Carbon Cycling Across the Semiarid Western U.S.	Agricultural Research Service	\$ 105,733
Falk,Donald A	Sch of Natural Resources			Disturbance and Ecosystem Resilience in a Changing Climate	United States Forest Service	\$ 95,700
Koprowski,John L	Sch of Natural Resources			Occurrence and Habitat Use by the Big Cypress Fox Squirrel on Public Lands	United States Fish and Wildlife Service-Florida Fish and Wildlife Conservation	\$ 90,000
Tronstad,Russell E	Agric & Resource Econ	Teegerstrom,Trent	Agricultural and Resource Economics - Research	Risk Management Education for Arizona Livestock Producers on Record Keeping, Rainfall Index and Whole Farm Insurance	United States Department of Agriculture	\$ 80,225
Roebuck,James C	Nutritional Sciences			Prevention Evaluation Services	Arizona Health Care Cost Containment System-Cenpatco Integrated Care	\$ 75,000

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Rock,Channah M	Soil Water and Enviro Sci	Chief,Karletta; Rivadeneira,Paula	Soil,Water and Environmental Sciences - Extension	Seeds for Increasing Tribal Knowledge in Food Safety	United States Department of Agriculture	\$ 59,994
Brusseau,Mark L	Soil Water and Enviro Sci			In-Situ Biosequestration for Remediation of Uranium in Groundwater at the Monument Valley Umtra Site	United States Department of Energy-Navarro Inc.	\$ 56,972
Rosen,Philip C	Sch of Natural Resources			DS/CESU: Plant Demography and Vulnerability to Climate Change at Organ Pipe Cactus National Monument & Pinacate Biosphere Reserve	National Park Service	\$ 56,026
Megdal,Sharon B	Water Resources Research Center			Needs Assessment and Recommendations for Water Resources in Cobre Valley	Bureau of Reclamation	\$ 48,660
Curran,Melissa A	Sch of Family & Consum Sci			Adult Fiscal Competency: An Analysis of Financial Behavior During the Transition to Adulthood	National Endowment for Financial Education-University of Minnesota	\$ 47,060
Chief,Karletta	Soil Water and Enviro Sci			Pyramid Lake Paiute Tribe Traditional Knowledge and Climate Adaptation	United States Department of Agriculture	\$ 39,563
Glenn III,Edward	Soil Water and Enviro Sci			Minute 319 Environmental Flows to the Colorado River Delta in Mexico: Monitoring Vegetation Greenup and Evapotranspiration in 2016-2017	United States Geological Survey	\$ 34,100
Ramirez,Monica D	Soil Water and Enviro Sci	Brusseau,Mark L	Soil Water and Environmental Sciences Ins	Investigation of Urban Agricultural Applications for City of Tucson Landfills	City of Tucson, Arizona	\$ 29,668
Main,Gregory D	Maricopa Ag Center			Thorp - Irrigation Water Management Research	Agricultural Research Service	\$ 25,314
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 Emphasis area, Arizona	United States Fish and Wildlife Service	\$ 24,915

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Palumbo,John C	Entomology			Evaluation of New Insecticides for Insect Management in Desert Head Lettuce (17-	Arizona Iceberg Lettuce Research Council	\$ 22,561
Siemens,Mark C	Agric & Biosystems Engr			Development and Validation of Devices to Detect Fecal Materials in Produce Fields	Agricultural Research Service	\$ 22,432
Curran,Melissa A	Sch of Family & Consum Sci			TCAI APLUS Wave 4	University of Wisconsin-Madison-University of	\$ 19,350
Beilstein,Mark A	School of Plant Sciences	Lyons,Eric H	School of Plant Science Research	Structural, Functional, and Evolutionary Analysis of Long Non-coding RNAs in Control of Stress Response and the Epigenome in Diverse Plant Species (REU)	National Science Foundation-University of Pennsylvania	\$ 18,000
Matheron,Michael E	School of Plant Sciences			Role of Fungicides Plus Lettuce Genetics in Management of Downy Mildew (17-02)	Arizona Iceberg Lettuce Research Council	\$ 17,225
Wright,Glenn C	School of Plant Sciences			The Arizona Clean Plant Network	United States Department of Agriculture	\$ 14,284
Malusa,James R	Sch of Natural Resources			Building a Southern Arizona Resilient Landscape - DOI Resilient Landscapes Grant	National Park Service-Arizona Sonora Desert	\$ 12,668
Brown,Paul W	Soil Water and Enviro Sci			Arizona Meteorological Network	Arizona Cotton Research And Protection Council	\$ 10,000
Marsh,Stuart E	Sch of Natural Resources			Internships for Desert Southwest CESU in 2016 - 2018	National Park Service	\$ 9,500
Brierley,Paul E	Research Administration	Matheron,Michael E; Pryor,Barry M	School of Plant Science Research	Collection, Production and Dissemination of Lettuce Disease Research Results for Effective Disease Management (17-05)	Arizona Iceberg Lettuce Research Council	\$ 7,956
Tickes,Barry R	Yuma Agricultural Center			Evaluation of New Species of Canarygrass found in Yuma County Lettuce	Arizona Iceberg Lettuce Research Council	\$ 7,745
Palumbo,John C	Entomology			Area Wide Monitoring for Lettuce Insects (17-03)	Arizona Iceberg Lettuce Research Council	\$ 6,553
Bonar,Scott A	Sch of Natural Resources			Arizona Stream Temperature Monitoring for Native Fish Conservation	National Fish and Wildlife Foundation-Trout Unlimited	\$ 3,150

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Mcmahon,Michelle M	School of Plant Sciences			Continue Inventory and Verification of NPS Legacy Plant Voucher Specimens (UAZDS-455)	National Park Service	\$ 3,010
Marsh,Stuart E	Sch of Natural Resources			Leadership, Coordination, and Administrative Oversight for the Desert Southwest Cooperative Ecosystem Studies	National Park Service	\$ 2,600
Curry,Joan E	Soil Water and Enviro Sci			Student Engagement in Creating a Zero Waste Campus at the University of Arizona	Arizona Association of Environmental Professionals	\$ 1,500