

ALVSCE Quarterly New Awards Apr 1 - Jun 30, 2021

	A	B	C	D	E	F	G
1	Lead Investigator	Leading Unit	Investigator	Investigator Unit	Award Title	Sponsor	Total Anticipated Amount (Award)
2	Pauli, William Duke	School of Plant Sciences			RESEARCH-PGR: Exploring the Genetics of Drought Resistance with Field-based Phenomics and Biophysical Process-based Modeling	National Science Foundation	2,670,232
3	Dontsova, Katerina M	Environmental Science-Res	Bonine, Kevin E	Biosphere 2	REU Site: Environmental and Earth Systems Research at Biosphere 2	National Science Foundation	868,269
4	Meredith, Laura	Sch of Natural Resources			CAREER: Unearthing the Role of Belowground Biology in Biosphere-Atmosphere Volatile Organic Compound (VOC) Exchange	National Science Foundation	757,945
5	Bonar, Scott A	Sch of Natural Resources			Can Survival of Native Arizona Fishes be Improved by Stocking Them into Reservoirs with Manipulated Water Levels?	United States Geological Survey	339,229
6	Giacomelli, Gene A	Biosystems Engineering-Res			Table Grape Production Automation in CEA	The Grapery, Inc.	321,585
7	Hodges, Tanya M	Agric Educ Tech & Innov-Ins	Brenes Mayorga, Baleshka Renee, Linares-Gaffer, Ashlee L, Wyatt, Melissa A	CALS Career & Acad Svcs, Nutritional Sciences-Ins, Yuma County Office	Sopa (Student Success By Increasing Opportunity, Participation, Awareness, And Achievement)	United States Department of Agriculture	249,939
8	Teske, Jennifer A	Nutritional Sciences	Dualeh, Nura A, Lopez, Gerardo U	STEM Learning Center, Animal&Biomedical Sciences-Ext	Arizona's Science, Engineering, And Mathematic Scholars (ASEMS): Preparing And Retaining Leaders In STEAM	United States Department of Agriculture	249,272
9	Carter, Morgan	School of Plant Sciences	Baltrus, David A	School of Plant Sciences-Res	Do Facultative Endohyphal Bacteria Alter Virulence in Fusarium Spp. That Are Critical Agricultural Pathogens	United States Department of Agriculture	164,975
10	Orbach, Marc Joel	School of Plant Sciences			Acquisition of Goods & Services- Orbach	Agricultural Research Service	154,390
11	Viesselmann, Lisa	AZ Veterinary Diagnostic Lab			FY 21 AZ NAHLN Infrastructure	United States Department of Agriculture	133,000
12	Rutherford, William Austin	Sch of Natural Resources			Managing From A Distance: Conservation Of Semi-Arid Grasslands Through Machine Learning	United States Department of Agriculture	111,527
13	Ruyle, George B	Sch of Natural Resources	Dalke, Amber M	Sch of Nat Resource&Enviro-Res	Expanding Extension Capacity Through RangeDocs: Searchable Rangeland Science	United States Department of Agriculture	100,000
14	Vedantam, Gayatri	Animal&Biomedical Sciences			A Microbiota-Sparing Live Biotherapeutic for C. Difficile Infection	Flinn Foundation	100,000
15	Martin, Edward C	Maricopa County Office			Smartscape Program Support in the Phoenix AMA	Arizona Department of Water Resources	93,930
16	Dhar, Arun K	Animal&Biomedical Sciences			To Improve the Candidate Laboratory Compliance with OIE Diagnostic Standard for Crustacean (Shrimp) and Fish Diseases	World Organization for Animal Health (France)	78,585
17	Kacira, Murat	Biosystems Engineering-Res			Evaluating Effects of Environment Conditions of an Indoor Aeroponics System for Crop Production	GE Appliances, a Haier Company	78,045

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18	Herrmann,Stefanie M	Sch of Natural Resources	Falk,Donald A	Sch of Nat Resource&Enviro-Res	Improving Near-Real-Time Detection and Mapping of Photosynthetically Active Buffelgrass to Support Invasive Species Control	United States Geological Survey	76,539
19	Steidl,Robert J	Sch of Natural Resources			American Bullfrog Control within the Coronado National Forest	United States Forest Service	66,307
20	Martin,Edward C	Maricopa County Office			Smartscape	Arizona Municipal Water Users Association	60,000
21	Rock-Woolfolk,Channah M	Environmental Science-Res			Bridging the Gap: expanding a HACCP-based curriculum to help produce growers treat agricultural water	Washington State University/USDA	57,906
22	Bogan,Michael	Sch of Natural Resources	Merrick,Melissa J	Sch of Nat Resource&Enviro-Res	Biodiversity, Connectivity, and Impacts of Anthropogenic Barriers on Vertebrate Communities in Protected Areas of the Southwest Borderlands	National Park Service	49,990
23	Steidl,Robert J	Sch of Natural Resources	Arnold,Anne E	School of Plant Sciences-Res	Increasing the Effectiveness of Monitoring Abundance, Migratory Patterns, and Border Impacts of a Rare Pollinator, the Lesser Long-Nosed Bat	National Park Service	49,892
24	Cooper,Kerry K	Animal&Biomedical Sciences			Genomic Epidemiology of Campylobacter to Improve Disease Control in Low and Middle Income Countries	University of Virginia/ National Institute of Allergy and Infectious Disease	48,896
25	Culver,Melanie	Sch of Natural Resources			Trail Camera Monitoring in Chiricahua National Monument for Jaguar Detection	National Park Service	47,064
26	Gillan,Jeffrey Kent	Sch of Natural Resources			Supporting Restoration of the Santa Cruz River in Tucson, AZ with Remotely Sensed Mapping and Monitoring of Vegetation	Pima County Regional Flood Control District	46,599
27	Ellsworth,Peter C	Entomology	Fournier,Alfred J	Entomology-Ext	Selectivity of Cotton Insecticides Drive Ecotoxicological Gains and Improve Arizona Cotton IPM (Dr. Peter C. Ellsworth)	Cotton, Incorporated	45,500
28	Frisvold,George B	Agric & Resource Econ	Bickel,Ashley Kerna, Duval,Dari Fae	Agricultural Resource Econ-Ext	Economic Analysis of the Greenlee County Franklin/Duncan Watershed Plan	Atkins Global Incorporated (United Kingdom)/USDA	40,000
29	Mars,Matthew M	Agric Educ Tech & Innov-Res			Educational Program to Improve Innovation and Entrepreneurial Thinking in Biomedical Researchers	Washington University in St. Louis/National Institute of General Medical Sciences	40,000
30	Ruyle,George B	Sch of Natural Resources			Apache-Sitgreaves National Forests Cooperative Range Monitoring	United States Forest Service	40,000
31	Norton,Elbert R	Graham County Office			Performance of Protocol Plan Biotech_Cotton_NA_All_Standard Yield BAY_REG	Monsanto Company	39,788

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32	Frisvold,George B	Agric & Resource Econ	Bickel,Ashley Kerna, Duval,Dari Fae	Agricultural Resource Econ-Ext	Santa Cruz County Economic Study with a Focus on the Nature-based Restorative Economy	Town of Patagonia	33,300
33	Dhar,Arun K	Animal&Biomedical Sciences			Oral vaccine delivery for control of Tilapia Lake Virus (TiLV)	NuLode LLC/USDA	33,088
34	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	32,500
35	Carlos Bordini,Isadora	Entomology	Ellsworth,Peter C, Fournier,Alfred J	Entomology-Res	Being Selective in IPM: Novel Research to Reduce Risk and Advance Integration of Biological and Chemical Control	University of California Division of Agriculture and Natural Resources/Western Integrated Pest Management Center	30,000
36	Tfaily,Malak	Environmental Science-Res			Prime Time in the Rhizosphere	Lund University (Sweden)	30,000
37	Aranguren Caro,Luis Fernando	Animal&Biomedical Sciences	Dhar,Arun K	Animal&Biomedical Sciences-Res	Risk Assessment and Risk Managment in Peruvian Shrimp Industry with Emphasis on Hepatobacter penaei (Necrotizing Hepatopancreatitis-Bacteria, Nhp-B)	The National Fisheries Health Agency of Peru	24,600
38	Stuth,Christine Lynn	Coconino County Office	Wyatt,Melissa A	Yuma County Office	AZ UA Health Education Literacy Project (HeLP)	Extension Foundation/USDA	24,178
39	Culver,Melanie	Sch of Natural Resources			Sonorella Talussnail Conservation Genetics - Phylogeny and Species Boundaries Phase 2	Arizona Game and Fish Department	23,212
40	Li,Xianchun	Entomology			Sustaining The Successful Whitefly Management Program In Arizona, (Dr. Xianchun Li)	Cotton, Incorporated	21,000
41	Curley,Deborah L	Pima County Office			Improving Reentry for Adults with Substance Use Disorders	Arizona Department of Corrections/United States Department of Justice	20,000
42	Lopez,Gerardo U	Animal&Biomedical Sciences	Elliott-Engel,Jeremy, Morris,Nicholas Adolfo	Agric Extension Administration	2021 4-H Ag Innovators Experience Implementation	National 4-H Council	16,000
43	Li,Shujuan	Entomology	Gouge,Dawn H, Nair,Shakunthala	Entomology-Res	Emergency Preparedness for Outbreaks of Insect and Arthropod Vectors and Communicable Pests Workshop	Inter Tribal Council of Arizona, Incorporated	15,000
44	Palumbo,John C	Entomology			Insecticide Alternatives for Insect Management in Melons	California Melon Research Advisory	14,058

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45	Mostafa,Ayman M	Maricopa County Office			Performance of Protocol Plan No IN21USADJB	Monsanto Company	13,635
46	Ellsworth,Peter C	Entomology			Performance of Protocol Plan No REG-2021-0074	Monsanto Company	12,750
47	Norton,Elbert R	Graham County Office			Performance of Protocol Plan No 2021-01-A0-06	Monsanto Company	12,120
48	Norton,Elbert R	Graham County Office			Heat Tolerance Protocol	Corteva Agriscience	11,700
49	Teegerstrom,Trent	Tribal Extension Programs			Education and Assistance Program for Native American Farmers and Ranchers in the Wake of COVID-19	Native American Agriculture Fund/Southwest Indian Agriculture Association, Inc.	10,000
50	Tronstad,Russell E	Agric & Resource Econ			Feasibility Study: Elevation Beef Co.	Elevation Beef Company	8,125
51	Curley,Deborah L	Pima County Office			Job Path Parent Education	JobPath	5,943
52	Curley,Deborah L	Pima County Office			Women's Foundation Program Classes	Women's Foundation of Southern Arizona	3,086
53	Hullinger,Ashley Rene	Water Resources Research Center			County Authority to Integrate Land and Water Planning in Arizona: AZ GWS Curriculum Update	The Lincoln Institute of Land Policy	2,500
54	Infante,Vanessa R	Nutritional Sciences			Your Diabetes, Your Heart	Texas A and M University	2,500
55	Infante,Vanessa R	Nutritional Sciences			Science-based Habit Formation App as an Adjunct to the National Diabetes Prevention Program (DPP) to Increase Engagement, Participation, and Outcomes of Underserved Populations	Fresh Tri, Inc./Centers for Disease Control and Prevention	2,499
56	Blankinship,Joseph	Environmental Science-Res			Cash Match for Account 4239580 {Innovations in Workforce Development: University Industry Consortium Fellows Program}	The Fairfax Companies, LLC	1,500
57	Runyon II,Johnny Ray	Environmental Science-Res			Discovery of Frailty Biomarkers in Human Eccrine Sweat	Arizona State University/NSF	461
58	Runyon II,Johnny Ray	Environmental Science-Res			Validation of Thermographic Sweat Pore Activation Measurements of Stress (WAESO)	Arizona State University/NSF	461
59							
60	Total						7,583,619

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

Co-Investigator	Co-Investigator Unit	Lead Investigator	Leading Unit	Award Title	Sponsor	Total Anticipated Amount (Award)	Co-PI Award Amount
Brusseau, Mark L	Environmental Science-Ins	Guo, Bo	Hydrology & Atmospheric Sci	Development and Demonstration of PFAS-LEACH, A Comprehensive Decision Support Platform for Predicting PFAS Leaching in Small Zones	United States Army Corps of Engineers	1,355,254	192,449
Crimmins, Michael A	Environmental Science-Ext	Guiterman, Christopher Henry	Tree Ring Laboratory	Fire History Synthesis of the Southwest US	National Park Service	44,726	2,236