

ALVSCE Quarterly New Awards Jan 1-Mar 31, 2021

Lead Investigator	Leading Unit	Investigator	Investigator Unit	Award Title	Sponsor	Total Anticipated Amount (Award)
Riggs, Michael W	Animal&Biomedical Sciences	Schaefer, Deborah A	Animal&Biomedical Sciences-Res	Optimization of Lead BKIs for Cryptosporidiosis Therapy	University of Washington	921,000
Brierley, Paul E	YCEDA	Slinski, Stephanie L	YCEDA	Yuma County Pilot Project: COVID-19 Community Protection Early Warning and Response Program	Arizona Department of Health Services	500,000
Van Doorslaer, Koenraad M	Animal&Biomedical Sciences			Characterizing the Role of Cellular Differentiation in Productive Papillomavirus Amplification	National Institute of Dental and Craniofacial Research	307,000
Brown, Judith K	School of Plant Sciences			NGS-Surveillance and Phylogenomic Analyses of Cotton-Infecting Plant Viruses to Inform Breeding Strategies for Virus Resistance in Cotton	United States Department of Agriculture	294,000

ALVSCE Quarterly New Awards Jan 1-Mar 31, 2021

Brown, Judith K	School of Plant Sciences			Improving Situational Awareness of HLB and ACP in California Through Targeted Scouting in Commercial Citrus and Data Analysis	University of California, Davis	254,403
Moore, Joshua D	Pima County Office	Farella, Joshua, Hanson, Hannah Grace, Hooper, Peter, Parrott, Amy M, Werkhoven, Caroline Renton	Coconino County Office, Maricopa County Office, Cochise County Office, Yuma County Office, Maricopa County Office	Arizona 4-H Military Teens Camp- Mountain & Adventure Academy	Purdue University	204,892
Hodges, Tanya M	Agric Educ Tech & Innov-Ins	Brenes Mayorga, Baleshka Renee	CALS Career & Acad Svcs	Yumans United through Microbiology, Agriculture, Nutrition, and Social Sciences - Mentorship, Awareness, Networking, Opportunities, leading to Success (YUMANS-MANOS)	United States Department of Agriculture	200,000

ALVSCE Quarterly New Awards Jan 1-Mar 31, 2021

Greene,Elizabeth Ann	Tribal Extension Programs	Teegerstrom,Trent	Agric Extension Administration	Empowering Tribal Adults/Youth to Improve Animal/Human Health and Enhancing Economic Sustainability	Native American Agriculture Fund	199,580
Schwartz,Kerry L	Water Resources Research Center			Using Project-Based STEM Education to Enhance Groundwater Conservation in Maricopa County Schools	Arizona Department of Water Resources	195,855
Viesselmann,Lisa	AZ Veterinary Diagnostic Lab			2020 National Animal Health Laboratory N	United States Department of Agriculture	183,992
Zhou,Chi	Animal&Biomedical Sciences			Preeclampsia Dysregulates Fetal Endothelial Responses to Growth Factors and Cytokines	American Heart Association, Incorporated	169,055
Simpson,Richard	Nutritional Sciences	Katsanis,Emmanuel	Pediatrics	Exercise Training as a Countermeasure for Anti-Tumor Immune Dysregulation Due to Isolation and Confinement Stress	NASA Johnson Space Center	149,931

ALVSCE Quarterly New Awards Jan 1-Mar 31, 2021

Romagnolo,Donato	Nutritional Sciences	Selmin,Ornella	Nutritional Sciences-Res	Space Environment and Epigenetics of Endocrine Regulation of DNA Repair and Cell Cycle in Mammary Epithelial Cells.	NASA Headquarters	149,576
Brown,Judith K	School of Plant Sciences			Molecular Pathology Surveillance of Leaf Curl Virus and Whitefly Haplotypes, and Host Resistance to Cotton Leaf Curl Complex, an Exotic High-Risk Pathogen-Vector Complex	Cotton, Incorporated	99,943
Meeks,Lauren Gayle	Nutritional Sciences	Limesand,Kirsten H	Nutritional Sciences-Res	Glycolytic Reprogramming and Metformin as Therapeutics for Radiation-Induced Salivary Gland Dysfunction	National Institute of Dental and Craniofacial Research	93,672
Brierley,Paul E	YCEDA	Slinski,Stephanie L	YCEDA	COVID-19 Early Warning School Testing Pilot Project	Yuma County, Arizona	54,160

ALVSCE Quarterly New Awards Jan 1-Mar 31, 2021

Pauli,William Duke	School of Plant Sciences			High-Throughput Phenotyping of Canopy Temperature using UAV-Based Thermal Imaging	Cotton, Incorporated	45,000
Subramani,Jayas hankar	Maricopa Agricultural Ctr-Res			Seed Increase Program	Cotton, Incorporated	45,000
Schwartz,Kerry L	Water Resources Research Center			Using Project-Based STEM Education to Enhance Groundwater Conservation in Pinal County Schools	Arizona Department of Water Resources	43,681
Frisvold,George B	Agric & Resource Econ	Bickel,Ashley Kerna, Duval,Dari Fae	Agricultural Resource Econ-Ext	Economic Analysis for Watershed Plan and Environmental Assessment for the Greene Wash Watershed Plan	Atkins Global Incorporated (United Kingdom)	43,412
Brierley,Paul E	YCEDA	Slinski,Stephanie L	YCEDA	YCEDA Wastewater Testing Lab Services	Arizona Western College	40,000
Herrmann,Stefanie M	Sch of Natural Resources	Falk,Donald A	Sch of Nat Resource&Enviro-Res	Analysis of Multi-Temporal Climate and Land Use/Land Cover Data in the Southwest United States	United States Geological Survey	40,000

ALVSCE Quarterly New Awards Jan 1-Mar 31, 2021

Wulf,Duane M	Animal&Biomedical Sciences	Garcia,Samuel R	Animal&Biomedical Sciences-Ins	Palatability and Consumer Preference of Beef from Beef-Dairy Crosses Compared to Commodity Beef	G.K. Jim Group of Companies (CANADA)	32,151
Smith,William Kolby	Sch of Natural Resources			Leveraging SMAP Soil Moisture and Multi-source Earth Observations to Quantify Variability and Drivers of Global Dryland Carbon and Water Fluxes	University of Iowa	28,258
Andrade Sanchez,Pedro	Biosystems Engineering-Res			Field Evaluation of Post-Emergence Selective/Spot Spraying Technology for Weed Control in Arizona	Cotton, Incorporated	27,300
Andrade Sanchez,Pedro	Biosystems Engineering-Res			Efficiency Gains Through Precision Planting of Cotton Seed Under Semi-Desert Irrigated Conditions	Cotton, Incorporated	27,000
Siemens,Mark C	Biosystems Engineering-Res			Precision Cultivating Technologies for Improved	Cotton, Incorporated	25,000

ALVSCE Quarterly New Awards Jan 1-Mar 31, 2021

Steidl,Robert J	Sch of Natural Resources			Conservation Efforts for the Federally Threatened Chiricahua Leopard Frog	United States Geological Survey	25,000
Li,Xianchun	Entomology			Sustaining The Successful Whitefly Management Program In Arizona	Cotton, Incorporated	24,482
Wright,Glenn C	School of Plant Sciences	Poe,Stephen E	Biosystems Engineering-Ins	Citrus Scion and Rootstock Acquisition and Evaluation - 2021	Arizona Citrus Research Council	20,792
Lyons,Eric H	School of Plant Sciences			NIFA AG2PI Collaborative: Creating a Shared Vision across Crop and Livestock Communities	Iowa State University	20,082
Hu,Jiahuai	School of Plant Sciences			Survey of Fusarium Oxysporum f. sp. Vasinfectum in Arizona Cotton	Cotton, Incorporated	20,000
Teegerstrom,Trent	Tribal Extension Programs			Tribal Food Safety Alliance - Native American Tribes Outreach, Education, and Training to Enhance Food Safety and FSMA	University of Arkansas	20,000

ALVSCE Quarterly New Awards Jan 1-Mar 31, 2021

Weber, Jennifer Lynne	Maricopa County Office			Thorough Core Training Resource for Private Applicators	Syngenta Crop Protection, LLC	20,000
Norton, Elbert R	Graham County Office			Arizona Upland Cotton Advanced Strains Testing Program	Cotton, Incorporated	18,000
Misner, Scottie L	Nutritional Sciences	Stuth, Christine Lynn	Coconino County Office	2021-100 Health Zone Services	Coconino County, Arizona	17,000
Frisvold, George B	Agric & Resource Econ	Bickel, Ashley Kerna, Duval, Dari Fae	Agricultural Resource Econ-Ext	Economic Contributions and Impacts of Arizona State Parks	Arizona State Parks Board	14,884
Schwartz, Kerry L	Water Resources Research Center			Coconino County Forest Health Education Program	Arizona Department of Forestry and Fire Management	12,000
Steidl, Robert J	Sch of Natural Resources			eDNA Sampling and Amphibian Visual Encounter Surveys	United States Fish and Wildlife Service	11,760
Norton, Elbert R	Graham County Office			Cotton Incorporated-Cotton Specialists Partnership: Large-Plot Replicated Variety Evaluations - AZ	Cotton, Incorporated	10,500

ALVSCE Quarterly New Awards Jan 1-Mar 31, 2021

Culver,Melanie	Sch of Natural Resources			Ashmunella Woodlandsnail Conservation Genetics - Preliminary Species Identification, Species Boundaries, and Phylogeny	Arizona Game and Fish Department	9,609
Andrade Sanchez,Pedro	Biosystems Engineering-Res			Sensor-Controlled Herbicide Spot Spraying: Testing New and Updated Technologies for Post-Emergence Weed Control in Arizona	Cotton, Incorporated	8,830
Steidl,Robert J	Sch of Natural Resources			Survival Analysis for Sonoran Desert Tortoises	Arizona Game and Fish Department	8,700
Bogan,Michael	Sch of Natural Resources			RAPID: Indirect Impacts of a Novel Wildfire on a Well-Studied Desert Stream: Connectivity, Carbon, and Macroinvertebrates	Arizona State University	7,500
Poudel-Ward,Bindu	Yuma County Office			IR-4 Specialty Crop Pest Management 2019 - 2021	University of California, Davis	7,500

ALVSCE Quarterly New Awards Jan 1-Mar 31, 2021

Delphin-Perez,Sonia Elsa Rocio	Sch of Natural Resources	Soto,Jose R	Sch of Nat Resource&Enviro-Res	Understanding Synergies and Tradeoffs Between Conservation and Development by Integrating Ecosystem Services into Land Use Planning	The Rufford Foundation (UNITED KINGDOM)	6,375
Gouge,Dawn H	Entomology			Integrated Pest Management (IPM) Publication and Training	Oregon State University	6,000
Norton,Elbert R	Graham County Office			Beltwide Seed Quality - An Extension Cotton Specialist Project	Cotton, Incorporated	6,000
Infante,Vanessa R	Nutritional Sciences			MDPP Supplier Enrollment	Association of Diabetes Care and Education Specialists	5,000
Wilson,Hope	Yavapai County Office			ASPHN 2020-21 Mini Collaborative Innovation and Improvement (COLIN) Farm to ECE Grant	Association of State Public Health Nutritionists	4,322

ALVSCE Quarterly New Awards Jan 1-Mar 31, 2021

Johnson,Samant ha Leigh	Sch of Natural Resources	Goode,Matthew J	Sch of Nat Resource&Enviro- Res	Impacts on Southwestern Gila Monsters (Heloderma Suspectum) Microbial Health with a Changing Environment	T and E, Incorporated	3,000
Wisely,Eldridge	Sch of Natural Resources	Culver,Melanie		Improving Conservation Planning and Outcomes for the Mexican Military Macaw (Ara Militaris Mexicanus) Through Genomics	T and E, Incorporated	2,986
MARIN MENDEZ,ALEJA NDRO GANESH	Sch of Natural Resources	Koprowski,John L	Sch of Nat Resource&Enviro- Res	Terrestrial and Flying Mammals Community Assessment along the Cajon Bonito Stream in the US- Mexico Borderlands	T and E, Incorporated	2,948

ALVSCE Quarterly New Awards Jan 1-Mar 31, 2021

Grageda Garcia,Miguel Angel	Sch of Natural Resources	Bogan,Michael	Sch of Nat Resource&Enviro-Res	Assessment of Human Development Affecting the Sonoran Pronghorn Population and Its Biological Corridor at El Pinacate Biosphere Reserve, Sonora, Mexico	T and E, Incorporated	2,653
Sparks,Elizabeth W	Pima County Office			True Leaders in Equity (TLEI) "Dolphin Tank" Award	National 4-H Council	500
Lopez,Gerardo U	Animal&Biomedical Sciences			Detection of Cyclospora Cayetanensis Oocysts from Agricultural Water Using Mitochondrial Genotyping and Target Sequencing	Arizona State University	461

ALVSCE Quarterly New Awards Jan 1-Mar 31, 2021

Lopez, Gerardo U	Animal&Biomedical Sciences			Detection of Cyclospora Cayetanensis Oocysts from Agricultural Water Using Mitochondrial Genotyping and Target Sequencing (WAESO)	Arizona State University	461
Lopez, Gerardo U	Animal&Biomedical Sciences			Detection of Cyclospora Cayetanensis and Norovirus in Irrigation Water and Wastewater Using Third Generation Droplet Digital PCR (WAESO)	Arizona State University	461
Lopez, Gerardo U	Animal&Biomedical Sciences			Detection of Cyclospora Cayetanensis in Agricultural Water Using Envirochek High Volume Filters and DNA-based Methods (WAESO)	Arizona State University	461
Lopez, Gerardo U	Animal&Biomedical Sciences					461

ALVSCE Quarterly New Awards Jan 1-Mar 31, 2021

Lopez, Gerardo U	Animal & Biomedical Sciences			Detection of Norovirus in Irrigation Water and Wastewater Using Third Generation Droplet Digital PCR (WAESO)	Arizona State University	461
Teske, Jennifer A	Nutritional Sciences			Genes Modulating Metabolism and Food Preference	Arizona State University	461

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

Co-Investigator	Co-Investigator Unit	Lead Investigator	Leading Unit	College Name	Award Title	Prime Sponsor	Sponsor	Total Anticipated Amount (Award)	Co-PI Award Amount
Butler,Emily A	Sch of Family & Consum Sci-Ins	Andrews-Hanna,Jessica R	Psychology	College of Science	Connected Lives - Overcoming the Self through Empathy (CLOSE): A Dyadic, Multi-Method Study	-	National Institute of Mental Health	2,925,543	38,440
Barberan,Albert	Environmental Science-Res	Typpo,Katri V	Pediatrics	College of Medicine - Tucson	Microbiome and Nutrition in Severe PARDS	-	Eunice Kennedy Shriver National Institute of Child Health and Human Development	2,229,709	50,997
Colby,Bonnie G	Agricultural Resource Econ-Res	Lotter,Laura Elizabeth	Hydrology & Atmospheric Sci	College of Science	INFEWS/T1: Groundwater and The Future of Sustainable Agriculture - Balancing Economic, Energy, and Water Constraints on Food Production	USDA	Princeton University	860,894	174,214
Chief,Karletta	Environmental Science-Ext	Karanikola,Vasiliki	Chemical & Environmental Engr	College of Engineering	Decision Support for Agricultural Reuse of Municipal Wastewater Effluent in The Navajo Nation	USDA	Dine College	150,000	18,796