

Friday, January 04, 2019

Colorado Agricultural Experiment Station Active Research Projects

Project Number	Title	Multi-State No.	Principal Investigator	Department Name	Acct. Dept	CRIS Number	Budget Source	Begin - Term Date	Note
1170 - Soil and Crop Sciences									
COL00201B	Management and Utilization of Plant Genetic Resources and Associated Information								
	W006		Byrne, PF	Soil and Crop Sciences	1170	1011374	MS Hatch	11/01/2016 09/30/2021	
COL00207C	Breeding Common Bean (<i>Phaseolus vulgaris</i> L.) for Resistance to Abiotic and Biotic Stresses, Sustainable Production, and Enhanced Nutritional Value								
	W3150		Brick, MA	Soil and Crop Sciences	1170	1008006	MS Hatch	10/01/2015 06/30/2018	<i>Terminated</i>
	207X2		Thompson, H	Horticulture and Landscape Architecture	1173				
COL00210C	Soil, Water, and Environmental Physics Across Scales								
	W3188		Butters, G	Soil and Crop Sciences	1170	1005609	MS Hatch	10/01/2014 09/30/2019	
COL00292C	Beneficial Reuse of Residuals and Reclaimed Water: Impact on Soil Ecosystem and Human Health (formerly W2170)								
	W3170		Barbarick, KA	Soil and Crop Sciences	1170	1004834	MS Hatch	10/01/2014 09/30/2019	
COL00608A	Management of Forages in Colorado for Improved Yield and Quality								
			Brummer, JE	Soil and Crop Sciences	1170	1010156	Hatch	07/01/2016 06/30/2021	
COL00609B	Precision Agriculture and Big-Data to Enhance Production; Nitrogen and Water Use Efficiency of Irrigated Cropping Systems								
			Khosla, R	Soil and Crop Sciences	1170	1012940	Hatch	07/01/2017 06/30/2022	
COL00612A	Determining the consumptive water use of crops in Colorado for efficient irrigation								
			Andales, AA	Soil and Crop Sciences	1170	1003270	Hatch	07/01/2014 06/30/2019	
COL00615A	Research and Education to Enhance the Sustainability of Farming in Southwestern Colorado								
			Berrada, A	Southwestern Colorado Research Center	3050	1006308	Hatch	07/01/2015 06/30/2020	
COL00654A	Sustainable Farming Practices, Crop Management and Sorghum Improvement								
			Larson, KJ	Plainsman Research Center	3044	1006327	Hatch	07/01/2015 06/30/2020	
COL00687A	Mitigating GHGs through improved land management and biofuels								
			Paustian, KH	Soil and Crop Sciences	1170	1003444	Hatch	07/01/2014 06/30/2019	
COL00728	Improving Cropping System Resilience through Diversification and Soil Conservation								
			Schipanski, M	Soil and Crop Sciences	1170	1003847	Hatch	07/20/2014 06/30/2019	
COL00737B	Molecular-Marker-Assisted Analysis of Quantitative Traits in Wheat and Dry Beans								
			Byrne, PF	Soil and Crop Sciences	1170	1012823	Hatch	07/01/2017 06/30/2022	
COL00738	Managing Soils and Agroecosystems for Long-Term Functioning and Multiple Ecosystem Services								
			Fonte, S	Soil and Crop Sciences	1170	1010074	Hatch	07/01/2016 06/30/2021	
COL00772	Developing Sensing Technologies for Smart Farming Practices in an Internet-of-Ag-Things World								
			Ham, J	Soil and Crop Sciences	1170	1013254	Hatch	08/02/2017 06/30/2022	
COL00786	Mutagenesis for Novel Trait Development in Wheat								
			Pearce, S	Soil and Crop Sciences	1170	1017671	MS Hatch	10/01/2018 06/30/2021	<i>New</i>
COL00795A	Improvement of Quality and Performance of Colorado Wheat								
			Haley, SD	Soil and Crop Sciences	1170	1009899	Hatch	07/01/2016 06/30/2021	

Number of projects in Account Department 1170: 16

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Project Number	Title	Multi-State No.	Principal Investigator	Department Name	Acct. Dept	CRIS Number	Budget Source	Begin - Term Date		Note
1171 - Animal Science										
COL00216A	Enhancing Microbial Food Safety by Risk Analysis									
	S1056		Yang, H	Animal Science	1171	1001901	MS Hatch	10/30/2013	09/30/2018	<i>Terminated</i>
COL00216B	Enhancing Microbial Food Safety by Risk Analysis									
	S1077		Yang, H	Animal Science	1171	1018217	MS Hatch	11/14/2018	09/30/2023	<i>New</i>
COL00226A	National Animal Genome Research Program									
	NRSP8		Bruemmer, JE	Animal Science	1171	1002276	MS Hatch	01/06/2014	09/30/2018	<i>Terminated</i>
COL00226B	National Animal Genome Research Program									
	NRSP8		Bruemmer, J	Animal Science	1171	1018190	MS Hatch	11/08/2018	09/30/2023	<i>New</i>
COL00230	Integrated Approach to Enhance Efficiency of Feed Utilization in Beef Production Systems									
	W2010		Ahola, J	Animal Science	1171	1001951	MS Hatch	11/07/2013	09/30/2018	<i>Terminated</i>
COL00241	Enhancing Management, Production, and Sustainability of Grazing Ruminants in Extensive Landscapes									
	W2012		Ahola, J	Animal Science	1171	1018414	MS Hatch	11/20/2018	09/30/2019	<i>New-Pending NIFA</i>
COL00276A	Enhancing the Competitiveness and Value of U.S. Beef									
	W4177		Narayanan Nair, M	Animal Science	1171	1014701	MS Hatch	10/26/2017	09/30/2022	
COL00294C	Impacts of Stress Factors on Performance, Health, and Well-Being of Farm Animals (from W2173)									
	W3173		Engle, TE	Animal Science	1171	1011277	MS Hatch	10/01/2016	09/30/2021	
COL00606A	Interactions between Nutrition and Management of Feed Ingredients and Diets for Feedlot Cattle									
			Wagner, JJ	Animal Science	1171	1004813	Hatch	09/19/2014	06/30/2019	
COL00607A	Genetic Improvement in Beef Management Systems									
			Enns, RM	Animal Science	1171	1006304	Hatch	07/01/2015	06/30/2020	
COL00629A	Regulation of pre/postnatal Growth by Hormones and Growth Factors									
			Han, H	Animal Science	1171	1003402	Hatch	07/15/2014	06/30/2019	
COL00670A	Improved sustainability of U.S. beef cattle production									
			Archibeque, S	Animal Science	1171	1003445	Hatch	07/01/2014	06/30/2019	
COL00681A	National Genetic Evaluation of Beef Cattle									
			Enns, RM	Animal Science	1171	1010007	Hatch	07/01/2016	06/30/2021	
Number of projects in Account Department 1171: 13										
1172 - Agricultural and Resource Economics										
COL00205A	Specialty Crops and Food Systems: Exploring Markets, Supply Chains and Policy Dimensions									
	S1067		Thilmany, DD	Agricultural and Resource Economics	1172	1008746	MS Hatch	10/22/2015	09/30/2020	
COL00211C	Management and Policy Challenges in a Water-Scarce World									
	W3190		Goemans, CG	Agricultural and Resource Economics	1172	1004960	MS Hatch	10/01/2014	09/30/2019	
COL00215D	Enhancing Rural Economic Opportunities, Community Resilience, and Entrepreneurship									

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Project Number	Title	Multi-State No.	Principal Investigator	Department Name	Acct. Dept	CRIS Number	Budget Source	Begin - Term Date		Note
		NE1749	Thilmany, D	Agricultural and Resource Economics	1172	1016283	MS Hatch	07/01/2018	09/30/2022	<i>New</i>
COL00217	Multistate Agricultural Literacy Research									
		W2006	Martin, M	Agricultural and Resource Economics	1172	1004843	MS Hatch	10/01/2014	09/30/2019	
COL00232	The importance of U.S. food and agricultural trade in a new global market environment									
		S1062	Countryman, A	Agricultural and Resource Economics	1172	1002351	MS Hatch	01/15/2014	09/30/2018	<i>Terminated</i>
COL00232A	U.S. Agricultural Trade and Policy in a Dynamic Global Market Environment									
		S1072	Countryman, A	Agricultural and Resource Economics	1172	1016945	MS Hatch	10/01/2018	09/30/2023	<i>New</i>
COL00233A	Renewing an Agriculture of the Middle: Value Chain Design, Policy Approaches, Environmental and Social Impacts									
		NC1198	Jablonski, R	Agricultural and Resource Economics	1172	1014435	MS Hatch	10/04/2018	09/30/2022	<i>New</i>
COL00238D	Costs and Benefits of Natural Resources on Public and Private Lands: Management, Economic Valuation, and Integrated Decision-Making									
		W4133	Manning, D	Agricultural and Resource Economics	1172	1014436	MS Hatch	10/01/2017	09/30/2022	

Number of projects in Account Department 1172: 8

1173 - Horticulture and Landscape Architecture

COL00202	Integrated Onion Pest and Disease Management									
		W3008	Uchanski, M	Horticulture and Landscape Architecture	1173	1014477	MS Hatch	11/08/2017	09/30/2022	
COL00218A	Water Management and Quality for Ornamental Crop Production and Health									
		NC1186	Bauerle, W	Horticulture and Landscape Architecture	1173	1008405	MS Hatch	10/01/2015	09/30/2020	
COL00280A	Multi-state Coordinated Evaluation of Winegrape Cultivars and Clones									
		NE1720	Caspari, H	Western Colorado Research Center	3046	1014339	MS Hatch	10/01/2017	09/30/2022	
COL00282B	Scaling Microirrigation Technologies to Address the Global Water Challenge									
		W3128	Bartolo, ME	Arkansas Valley Research Center	3040	1004751	MS Hatch	10/01/2014	09/30/2019	
COL00285B	Improving Economic and Environmental Sustainability in Tree-Fruit Production Through Changes in Rootstock Use									
		NC140	Minas, I	Western Colorado Research Center	3046	1014340	MS Hatch	10/01/2017	09/30/2022	
COL00658A	Water Reuse, Saltgrass Selection, and Carbon Footprint of Urban Turfgrass Systems									
			Qian, YL	Horticulture and Landscape Architecture	1173	1009722	Hatch	07/01/2016	06/30/2021	
COL00711A	Development of cultivar specific management profiles for new and existing potato cultivars									
			Essah, S	San Luis Valley Research Center	3043	1003278	Hatch	07/11/2014	06/30/2019	
COL00712A	Development of New Potato Cultivars for Colorado Via Germplasm Enhancement and Evaluation									
			Holm, DG	San Luis Valley Research Center	3043	1009902	Hatch	07/01/2016	06/30/2021	
COL00713A	Introduction, Adaptability, Production and Survival of Landscape Plants in Colorado									
			Klett, J	Horticulture and Landscape Architecture	1173	1000257	Hatch	07/02/2013	06/30/2018	<i>Terminated</i>
COL00713B	Introduction, Adaptability, Production and Survival of Landscape Plants in Colorado									
			Klett, J	Horticulture and Landscape Architecture	1173	1016129	Hatch	07/01/2018	06/30/2023	<i>New</i>
COL00716A	Improving the Potato Storage Management to Enhance Quality and Marketability									
			Jayanty, S	San Luis Valley Research Center	3043	1003275	Hatch	07/01/2014	06/30/2019	

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COL00717A	Vegetable Crop Management in the Arkansas Valley								
			Bartolo, ME	Arkansas Valley Research Center	3040	1006482	Hatch	07/01/2015 06/30/2020	
COL00733	Management Strategies to Maximize Orchard Productivity and Quality Potential								
			Minas, I	Western Colorado Research Center	3046	1009721	Hatch	07/01/2016 06/30/2021	
COL00761	Phytochemical Diversity of Potato and Association to Human Nutrition and Health								
			Heuberger, A	Horticulture and Landscape Architecture	1173	1013251	Hatch	07/01/2017 06/30/2022	
COL00762	Certification of Potato Seed for the Improvement of the Potato Industry in Colorado								
			Houser, A	Horticulture and Landscape Architecture	1173	1013080	Hatch	07/05/2017 06/30/2022	
COL00764	Specialty Crops Production Research for Colorado Growers								
			Uchanski, M	Horticulture and Landscape Architecture	1173	1013252	Hatch	07/01/2017 06/30/2022	
COL00780A	Soil Health in Turfgrass Systems: Measurement, Assessment and Enhancement								
			Koski, A	Horticulture and Landscape Architecture	1173	1010240	Hatch	08/09/2016 06/30/2021	
Number of projects in Account Department 1173: 17									
1177 - Bioagricultural Sciences and Pest Mgmt.									
COL00222C	Biological Control in Pest Management Systems of Plants								
		W4185	Hufbauer, R	Bioagricultural Sciences and Pest Mgmt.	1177	1014792	MS Hatch	11/27/2017 09/30/2022	
COL00240	Industrial Hemp Production, Processing, and Marketing in the U.S.								
		S1084	McKay, J	Bioagricultural Sciences and Pest Mgmt.	1177	1018158	MS Hatch	12/01/2018 09/30/2023	<i>New</i>
COL00618B	Responding to critical issues involving insects associated with Horticultural Crops and Landscape Plants in Colorado								
			Cranshaw, W	Bioagricultural Sciences and Pest Mgmt.	1177	1009893	Hatch	07/01/2016 06/30/2021	
COL00622A	Insect pest management with natural products								
			Bjostad, L	Bioagricultural Sciences and Pest Mgmt.	1177	1000678	Hatch	08/16/2013 06/30/2018	<i>Terminated</i>
COL00623A	Integrated Weed Management Strategies for Aquatic Plants and Winter Annual Grasses								
			Nissen, SJ	Bioagricultural Sciences and Pest Mgmt.	1177	1006596	Hatch	07/01/2015 06/30/2020	
COL00645A	Support and Enhancement of the C. P. Gillette Museum of Arthropod Diversity								
			Kondratieff, BC	Bioagricultural Sciences and Pest Mgmt.	1177	1006597	Hatch	07/01/2015 06/30/2020	
COL00646A	Biology and management of arthropod pests of winter wheat in Colorado								
			Peairs, FB	Bioagricultural Sciences and Pest Mgmt.	1177	1006599	Hatch	07/01/2015 06/30/2020	
COL00647A	Functional Global Weed Genomics and Sustainable Weed Management for Colorado								
			Westra, P	Bioagricultural Sciences and Pest Mgmt.	1177	1010362	Hatch	08/18/2016 06/30/2021	
COL00680B	Evolutionary Ecology of Range Expansions, Pests, and Biological Control								
			Hufbauer, R	Bioagricultural Sciences and Pest Mgmt.	1177	1012868	Hatch	07/01/2017 06/30/2022	
COL00714A	Causes and consequences of competitive displacement among biological control agents								
			Ode, P	Bioagricultural Sciences and Pest Mgmt.	1177	1000139	Hatch	07/17/2013 06/30/2018	<i>Terminated</i>
COL00718	A Systems Biology Approach for the Identification of Gene Networks Controlling Disease Resistance in Response to Climate Change								

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			Argueso, C	Bioagricultural Sciences and Pest Mgmt.	1177	1006621	Hatch	07/01/2015 06/30/2018	<i>Terminated</i>
COL00719	Understanding and diagnosing herbicide resistance in weeds								
			Gaines, T	Bioagricultural Sciences and Pest Mgmt.	1177	1006620	Hatch	07/01/2015 06/30/2018	<i>Terminated</i>
COL00732	Harnessing Ecology to Improve Management of Invasive Plants								
			Brown, CS	Bioagricultural Sciences and Pest Mgmt.	1177	1009857	Hatch	07/01/2016 06/30/2021	
COL00734	A systems approach to understanding combined biotic and abiotic stress responses in plants								
			Leach, JE	Bioagricultural Sciences and Pest Mgmt.	1177	1009898	Hatch	07/01/2016 06/30/2021	
COL00735	Identification of metabolic, morphological, and physiological factors that influence sorghum whole-plant preflowering drought response								
			Jahn, CE	Bioagricultural Sciences and Pest Mgmt.	1177	1009895	Hatch	07/01/2016 06/30/2021	
COL00736	Multi-dimensional approaches to understanding the impacts of root diseases in western forests in the presence of increased drought and warming climates								
			Stewart, J	Bioagricultural Sciences and Pest Mgmt.	1177	1009887	Hatch	07/01/2016 06/30/2019	
COL00739	Understanding the changing dynamics of wheat stripe rust: Adaptation of Puccinia striiformis populations to the central plains and the need for improved epidemiological and population genetic models to enhance disease management								
			Broders, K	Bioagricultural Sciences and Pest Mgmt.	1177	1010363	Hatch	08/05/2016 06/30/2021	
COL00743A	Combining High Throughput Phenotyping in the field and Genome-wide analysis to discover beneficial alleles for yield								
			McKay, JK	Bioagricultural Sciences and Pest Mgmt.	1177	1006619	Hatch	07/01/2015 06/30/2020	
COL00746B	Evaluating Yellow Toadflax Biological Controls								
			Norton, AP	Bioagricultural Sciences and Pest Mgmt.	1177	1012869	Hatch	07/01/2017 06/30/2022	
COL00753B	Management of Arthropod Pests in Colorado Field Crops								
			Peairs, FB	Bioagricultural Sciences and Pest Mgmt.	1177	1012870	Hatch	07/01/2017 06/30/2022	
COL00760	Exploring linkages between above and belowground diversity to maximize soil functional capacity in Dryland agricultural systems								
			Trivedi, P	Bioagricultural Sciences and Pest Mgmt.	1177	1012941	Hatch	07/01/2017 06/30/2022	
COL00781	Chemical Priming of Plant Defenses for Increased Crop Protection								
			Argueso, C	Bioagricultural Sciences and Pest Mgmt.	1177	1016247	Hatch	07/01/2018 06/30/2023	<i>New</i>
COL00782	Impact of phytochemical nutrients on bumblebee health and longevity								
			Bjostad, L	Bioagricultural Sciences and Pest Mgmt.	1177	1016270	Hatch	07/01/2018 06/30/2023	<i>New</i>
COL00783	Understanding and Diagnosing Herbicide Resistance in Weeds								
			Gaines, T	Bioagricultural Sciences and Pest Mgmt.	1177	1016207	Hatch	07/01/2018 06/30/2023	<i>New</i>
COL00784	Biological control of Lepidium draba								
			Ode, P	Bioagricultural Sciences and Pest Mgmt.	1177	1016267	Hatch	07/01/2018 06/30/2023	<i>New</i>
COL00785	Metabolic Fate of Herbicides in Crops and Weeds								
			Dayan, F	Bioagricultural Sciences and Pest Mgmt.	1177	1016591	Hatch	07/01/2018 06/30/2023	<i>New</i>

Number of projects in Account Department 1177: 26

1371 - Atmospheric Science

COL00699A Changing sources of ammonia in NE Colorado

			Collett, JL	Atmospheric Science	1371	1006307	Hatch	07/01/2015 06/30/2020	
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COL00703B	Monitoring Colorado's Climate for Applications in Agriculture and Natural Resources								
			Schumacher, R	Atmospheric Science	1371	1012863	Hatch	07/01/2017 06/30/2022	
Number of projects in Account Department 1371: 2									
1372 - Civil and Environmental Engineering									
COL00679	Nutrient Reductions in Irrigated Agricultural Watersheds: Intentional Planning, Implementation, and Maintenance								
			Arabi, M	Civil and Environmental Engineering	1372	1006424	Hatch	07/01/2015 06/30/2019	
COL00682	Assessment and Management of Saline Irrigation-Return Flows in Areas Affected by Tile Drain Networks								
			Bailey, R	Civil and Environmental Engineering	1372	1006486	Hatch	07/01/2015 06/30/2018	<i>Terminated</i>
COL00682A	Modeling and Management of Salinity in Irrigated Regions Affected by Tile Drain Networks								
			Bailey, R	Civil and Environmental Engineering	1372	1015936	Hatch	07/01/2018 09/30/2020	<i>New</i>
COL00683	Demonstration of Advanced Technologies for Treating Frac Flowback and Produced Water from Shale Oil and Gas Production for Agriculture Irrigation in Northeast Colorado: Addressing the Intersection of Energy, Water, and Food								
			Carlson, KH	Civil and Environmental Engineering	1372	1006305	Hatch	07/01/2015 06/30/2019	
COL00688	Monitoring Alfalfa, Grass, Corn and Potato Water Use under Full and Deficit Irrigation using a Spatially Distributed Temperature Model								
			Chavez, JL	Civil and Environmental Engineering	1372	1006423	Hatch	07/01/2015 06/30/2019	
COL00691	Occurrence of Toxic Algal Metabolites in Irrigation Ponds and their Impact on Crops								
			Omur-Ozbek, P	Civil and Environmental Engineering	1372	1006487	Hatch	07/01/2015 06/30/2019	
COL00693B	Comparative Evaluation of an Enhanced Remote-Sensing Method for Root-Zone Soil Moisture								
			Niemann, J	Civil and Environmental Engineering	1372	1009616	Hatch	07/01/2016 06/30/2019	
COL00696B	Recovery of High Value Soil Amendment Products from Anaerobically Digested Cattle Manure								
			Sharvelle, S	Civil and Environmental Engineering	1372	1009617	Hatch	07/01/2016 06/30/2018	<i>Terminated</i>
COL00755	Finding Ways to Mitigate Irrigation-Induced Uranium Contamination in an Irrigated River Valley while Sustaining Crop Productivity								
			Gates, T	Civil and Environmental Engineering	1372	1012864	Hatch	07/01/2017 06/30/2020	
COL00756	Impact of Riparian Vegetation on the Irrigation-Influenced Water Balance in the Lower Arkansas River Valley								
			Morrison, R	Civil and Environmental Engineering	1372	1012865	Hatch	07/01/2017 06/30/2020	
COL00757	Rewiring Anaerobic Digestion: Developing New Technologies for Production of Biofuel Intermediates and High- Value Chemicals for Cellulosic Wastes								
			De Long, S	Civil and Environmental Engineering	1372	1012866	Hatch	07/01/2017 06/30/2020	
COL00774	Recovery of Soluble Nitrogen Fertilizer from Manure and Animal Byproducts in Anaerobic Digesters								
			Sharvelle, S	Civil and Environmental Engineering	1372	1015938	Hatch	07/01/2018 06/30/2020	<i>New</i>
COL00775	Effects of Urban Water Conservation on Agricultural Water Supply in the South Platte River Basin								
			Bhaskar, A	Civil and Environmental Engineering	1372	1015939	Hatch	07/01/2018 06/30/2021	<i>New</i>
Number of projects in Account Department 1372: 13									
1472 - Forest and Rangeland Stewardship									
COL00502A	Strategies for Incorporating Climate Change into U.S. Forest Service Decision-Making and NEPA Processes								
			Schultz, CA	Forest and Rangeland Stewardship	1472	1006419	McStennis	07/01/2015 06/30/2018	<i>Terminated</i>

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COL00504A	Valuing Fuel Treatment Options in Colorado when Smoke Emissions are of Concern and Need to be Mitigated									
			Rideout, DB	Forest and Rangeland Stewardship	1472	1006420	McStennis	07/23/2015	06/30/2018	<i>Terminated</i>
COL00506	Longevity of Fuels Treatment Benefits on Colorados Front Range									
			Ex, S	Forest and Rangeland Stewardship	1472	1006421	McStennis	07/28/2015	06/30/2018	<i>Terminated</i>
COL00507	Examining the influence of wildland fire suppression resource deployment on the distribution of large fire risk in Colorado									
			Wei, Y	Forest and Rangeland Stewardship	1472	1006422	McStennis	07/01/2015	06/30/2018	<i>Terminated</i>
COL00508	Identifying reservoirs and insect vectors of pine wilt disease in the Front Range									
			Davis, T	Forest and Rangeland Stewardship	1472	1016206	McStennis	07/01/2018	06/30/2020	<i>New</i>
COL00509	Tree regeneration niches and microsites are the keys to maintaining resilience of Colorado forests to disturbance									
			Ex, S	Forest and Rangeland Stewardship	1472	1016208	McStennis	07/01/2018	06/30/2020	<i>New</i>
COL00511	Evaluation of UAV-Based Remote Sensing Techniques for Characterizing Individual Tree Parameters									
			Tinkham, W	Forest and Rangeland Stewardship	1472	1016209	McStennis	07/01/2018	06/30/2020	<i>New</i>
COL00767	Surveying biological and functional diversity of insect pollinators in rangeland habitats of Colorado									
			Davis, T	Forest and Rangeland Stewardship	1472	1012942	Hatch	07/01/2017	06/30/2020	
COL00768	Building a basic science knowledge base for Gambel oak woodland management in Colorado									
			Ex, S	Forest and Rangeland Stewardship	1472	1012943	Hatch	07/01/2017	06/30/2020	
COL00769	Intersectionality and Collaborative Adaptive Management in Rangeland Decision-making									
			Fernandez-Gimenez, M	Forest and Rangeland Stewardship	1472	1012944	Hatch	07/01/2017	06/30/2020	
COL00770	Shifting the conversation on poisonous plants: Toward a complex systems-based framework for managed grazing on rangelands with Geyer larkspur									
			Meiman, P	Forest and Rangeland Stewardship	1472	1012945	Hatch	07/01/2017	06/30/2020	
COL00771	What does it take to kill a grass? Improving the resilience of ranching operations through a new understanding of drought-induced mortality of perennial grasses.									
			Ocheltree, T	Forest and Rangeland Stewardship	1472	1013337	Hatch	07/01/2017	06/30/2020	

Number of projects in Account Department 1472: 12

1570 - Human Development and Family Studies

COL00730	Unidos por la Salud/United for Health: Innovative Academic-Community Solutions for Diabetes Prevention in Northern Colorado									
			Shomaker, L	Human Development and Family Studies	1570	1009728	Hatch	07/26/2016	06/30/2018	<i>Terminated</i>

Number of projects in Account Department 1570: 1

1571 - Food Science and Human Nutrition

COL00229	EFNEP Related Research, Program Evaluation and Outreach									
	NC2169		Baker, S	Food Science and Human Nutrition	1571	1001902	MS Hatch	10/31/2013	09/30/2018	<i>Terminated</i>
COL00229A	EFNEP Related Research, Program Evaluation and Outreach									
	NC3169		Baker, S	Food Science and Human Nutrition	1571	1018030	MS Hatch	11/05/2018	09/30/2022	<i>New</i>
COL00271D	Beneficial and Adverse Effects of Natural Chemicals on Human Health and Food Safety									
	W4122		Weir, T	Food Science and Human Nutrition	1571	1014571	MS Hatch	12/12/2017	09/30/2022	

Friday, January 04, 2019

Colorado Agricultural Experiment Station Active Research Projects

Project Number	Title	Multi-State No.	Principal Investigator	Department Name	Acct. Dept	CRIS Number	Budget Source	Begin - Term Date	Note
COL00729	Acute and Chronic Effects of Red Beetroot Juice Consumption on High-Fat Meal-Induced Cardiometabolic Disturbances		Johnson, S	Food Science and Human Nutrition	1571	1009727	Hatch	07/01/2016 06/30/2018	<i>Terminated</i>
COL00731	Identifying Intake Markers of Fruit and Vegetable Using an Ionomics Approach		Weir, TL	Food Science and Human Nutrition	1571	1009765	Hatch	07/01/2016 06/30/2018	<i>Terminated</i>
COL00765	The role of the gut microbiota in estrogen metabolism and dietary flax as a potential modulator		Cox-York, K	Food Science and Human Nutrition	1571	1013253	Hatch	07/26/2017 06/30/2019	
COL00766	Customized Probiotics as a Novel Therapy for Obesity-Related Blood Vessel Dysfunction		Gentile, C	Food Science and Human Nutrition	1571	1012867	Hatch	07/01/2017 06/30/2019	
COL00776	Microgreens: A Novel Food Crop for Sustainably Diversifying Food Systems and Promoting Human Health		Johnson, S	Food Science and Human Nutrition	1571	1016130	Hatch	07/01/2018 06/30/2020	<i>New</i>
COL00777	Purple Majesty Potato Bioactive Compounds: Linking Nutrition to Beneficial Health Outcomes		Foster, M	Food Science and Human Nutrition	1571	1016259	Hatch	07/01/2018 06/30/2020	<i>New</i>
COL00778	Development and Pilot Testing of a Series of Cooking Activities for Low Income 4th Graders		Cunningham-Sabo, L	Food Science and Human Nutrition	1571	1016534	Hatch	07/23/2018 06/30/2020	<i>New</i>

Number of projects in Account Department 1571: 10

1574 - Design and Merchandising

COL00224A	Personal Protective Technologies for Current and Emerging Occupational and Environmental Hazards	NC170	Park, J	Design and Merchandising	1574	1014572	MS Hatch	10/24/2017 09/30/2022	
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Number of projects in Account Department 1574: 1

1680 - Biomedical Sciences

COL00220C	Reproductive Performance in Domestic Ruminants	W3112	Hansen, T	Biomedical Sciences	1680	1011648	MS Hatch	11/21/2016 09/30/2021	
COL00293C	Germ Cell and Embryo Development and Manipulation for the Improvement of Livestock	W3171	Winger, Q	Biomedical Sciences	1680	1004816	MS Hatch	10/01/2014 09/30/2019	

Number of projects in Account Department 1680: 2

3001 - AES Director's Office

COL00299	Regional Research Coordination, Western Region	W106	Kelly, E	AES Director's Office	3001	0024381	MS Hatch	10/01/1999 09/30/2029	
COL00773	Developing viable and sustainable cropping systems for western Colorado through adoption of conservation practices, diversification, and intensification		Keshavarz Afshar, R	AES Director's Office	3001	1015937	Hatch	07/01/2018 06/30/2023	<i>New</i>

Number of projects in Account Department 3001: 2

Total Number of AES Projects: 123