

**Agriculture
May 2016
Awarded**

PI Name	Account #	Department	Sponsor	Title	Federal Competitive	Amount	Start	End
Adams, Amanda	3048112993	Veterinary Science	Alltech Biotechnology Inc	Effect of yeast cell wall (ActigenTM) supplementation on metabolic, inflammatory, and microbiota changes in EMS vs control horses		\$25,000	5/1/2016	5/1/2017
Adams, Amanda	3210000244	Veterinary Science	Agricultural Research Service	ARS/SCA: The effect of Endophyte-Infected Tall Fescue consumption on epigenetic regulation of inflammation in horses.		\$47,975	3/1/2016	4/30/2018
Amaral-Phillips, Donna	3200000572	Animal and Food Sciences	University of Missouri	Improving Fertility of Dairy Cattle Using Translational Genomics	Yes	\$11,231	1/1/2016	12/31/2016
Ashurst, Kerri	3200000459	Family & Consumer Sciences	Purdue University	2016 MTAC Grant	Yes	\$228,700	6/1/2016	5/31/2017
Ashurst, Kerri	3210000222	Family & Consumer Sciences	Purdue University	2016 MTAC Grant	Yes	\$137,512	6/1/2016	5/31/2017
Ball, Barry	3210000235	Veterinary Science	Agricultural Research Service	ARS/SCA: Effects of dietary crude protein on fertility in mares		\$28,359	3/1/2016	4/30/2018
Barrett, Michael	3210000239	Plant & Soil Sciences	Agricultural Research Service	ARS/SCA:Improved Tall Fescue for Horse Pastures		\$23,964	3/1/2016	4/30/2018
Barrett, Michael	3210000284	Plant & Soil Sciences	Agricultural Research Service	ARS/SCA: Develop a 2,4-D Tolerant Red Clover (Trifolium pretense L.) Line		\$82,248	3/1/2016	4/30/2018
Bennett, Allen	3200000497	Assoc Dean Research/Director AES	Agricultural Research Service	2015-16 Acquisition of Goods and Services for the USDA Offices in Ag North		\$11,247	10/1/2015	9/30/2016
Bradley, Carl	3200000596	Plant Pathology	North Carolina State University	iPIPE: Corn Component	Yes	\$38,357	3/1/2016	2/28/2017
Canete, Socrates	3048113031	Kentucky Tobacco Research & Dev Ctr	Council for Burley Tobacco	Development and Standardization of Accelerated Tobacco Curing Protocols to Quantify the Propensity for TSNA Production and Accumulation		\$4,000	2/1/2016	1/31/2017
Carter, Craig	3200000569	Veterinary Diagnostic Laboratory	Animal and Plant Health Inspection Service	Maintaining Laboratory Designation		\$138,189	5/15/2016	5/14/2017
Carter, Craig	3200000575	Veterinary Diagnostic Laboratory	KY Department of Agriculture	Bovine Spongiform Encephalopathy Testing and Related Services		\$2,900	5/20/2016	3/31/2017
Carter, Craig	3200000576	Veterinary Diagnostic Laboratory	KY Department of Agriculture	Avian Influenza Surveillance		\$5,000	5/20/2016	3/31/2017
Coyne, Mark	3210000251	Plant & Soil Sciences	Agricultural Research Service	ARS/SCA: Do More Legumes in Fescue Pastures Affect C Sequestration after Renovation?		\$24,511	3/1/2016	4/30/2018
Davis, Alison	3200000566	Agr Economics	Pennsylvania State University	AMSTA training 2.0	Yes	\$3,575	3/1/2016	8/31/2016
Davis, Todd	3200000586	Agr Economics	University of Arkansas	Developing, Practice and Implementing Written Marketing Plans and Risk Management Skills through Crop Marketing and Risk Management Clubs		\$50,000	4/1/2016	9/30/2017
DeBolt, Seth	3210000238	Horticulture	Agricultural Research Service	ARS/SCA: Forage Systems for Sustainable Animal Production in the Mid-South		\$55,200	3/1/2016	4/30/2018

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Dvorak, Joseph	3048113022	Biosystems & Ag Eng	Kentucky Soybean Promotion Board	Wet Soybean Delivery Advice App		\$13,945	7/1/2016	6/30/2017
Gaskill, Cynthia	3210000246	Veterinary Diagnostic Laboratory	Agricultural Research Service	ARS/SCA: Fescue Associated Alkaloids in Tissues & Forages		\$10,798	3/1/2016	4/30/2018
Goff, Ben	3048113051	Plant & Soil Sciences	Mendel Biological Solutions LLC	Field Trial Evaluation of Foliar Applied Microbial Exudate in Grass Grown for Hay Production or Grazing		\$10,265	5/1/2016	12/1/2016
Grove, J	3210000241	Plant & Soil Sciences	Agricultural Research Service	ARS/SCA: Are Water Soluble P Losses Within Pastures Spatially Coincident with Reduced C Storage?		\$22,869	3/1/2016	4/30/2018
Gustafson, Alison	3200000565	Dietetics and Human Nutrition	National Institute of Food and Agriculture	Smart Shopping - Adolescent Intervention to Improve Food Shopping Practices Where You Live and Learn	Yes	\$746,827	2/15/2016	2/14/2020
Hanley, Carol	3200000574	Center for the Environment	KY Council on Postsecondary Education	Energy is Elementary		\$110,000	2/15/2016	6/30/2017
Hanley, Carol	3200000611	Center for the Environment	KY Council on Postsecondary Education	STEM PRIDE Year 2 Funding		\$125,000	1/1/2016	6/30/2017
Haramoto, Erin	3048113017	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Optimizing Winter Cover Crops for Weed Management in Soybeans		\$38,093	10/1/2016	6/30/2017
Harmon, David	3210000236	Animal and Food Sciences	Agricultural Research Service	ARS/SCA: Determine the effect of dose and short term EA exposure on rumen motility		\$52,619	3/1/2016	4/30/2018
Harper, Carl	3200000604	Entomology	Slow the Spread Foundation	Monitor Gypsy Moth Populations for Slow the Spread Program		\$44,000	1/1/2016	6/1/2017
Hennig, B	3200000531	Animal and Food Sciences	National Institute of Environmental Health Sciences	Director's Conference Support: 2016 CEECHE	Yes	\$3,000	10/1/2015	9/30/2016
Hildebrand, David	3048113020	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Development of High #3 Soybeans		\$29,470	5/1/2016	4/30/2017
Hunt, Arthur	3210000252	Plant & Soil Sciences	Agricultural Research Service	ARS/SCA: Genome-wide analysis of transcription and RNA processing in the endophyte-plant system		\$21,873	3/1/2016	4/30/2018
Hunt, Arthur	3210000253	Plant & Soil Sciences	Agricultural Research Service	ARS/SCA: Impact of a novel growth-enhancing genetic modification on forage legume quality		\$21,009	3/1/2016	4/30/2018
Jack, Anne	3048113005	Kentucky Tobacco Research & Dev Ctr	Council for Burley Tobacco	Sample Preparation for TSNA Analysis		\$4,000	2/1/2016	1/31/2017
Jack, Anne	3048113006	Kentucky Tobacco Research & Dev Ctr	Council for Burley Tobacco	The Effects of Pre-harvest Quercetin on the Accumulation of Tobacco-specific Nitrosamines		\$3,000	2/1/2016	1/31/2017
Jack, Anne	3048113007	Kentucky Tobacco Research & Dev Ctr	Council for Burley Tobacco	Evaluation of the Efficacy of HP 400 in Reducing TSNA's - 2016 Field Season		\$2,000	2/1/2016	1/31/2017
Kachroo, Aardra	3048112992	Plant Pathology	Rural Development Administration of Korea	Development of Validated Systems of Resistance to Pathogens on Sweet Potato		\$150,000	3/1/2016	12/31/2018

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Knott, Carrie	3048112995	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Intensive Management: An option to increase Double-Crop Soybean Yields?		\$39,435	10/1/2016	9/30/2017
Lawrence, Laurie	3210000249	Animal and Food Sciences	Agricultural Research Service	ARS/SCA: Effect of maternal diet on the neonatal equine gastrointestinal tract microbiome		\$44,694	3/1/2016	4/30/2018
Lawrence, Laurie	3210000250	Animal and Food Sciences	Agricultural Research Service	ARS/SCA: Factors affecting carbohydrate and secondary metabolites in pasture		\$9,132	3/1/2016	4/30/2018
Lee, Chad	3048113052	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Inoculating Soybeans to Try to Increase Yield		\$18,000	4/1/2016	3/31/2017
Lensing, Janet	3200000428	Entomology	Animal and Plant Health Inspection Service	Imported Fire Ant Survey		\$3,783	5/1/2016	4/30/2017
Lensing, Janet	3200000472	Entomology	Animal and Plant Health Inspection Service	Grape Commodity Survey		\$19,983	5/1/2016	4/30/2017
Lensing, Janet	3200000499	Entomology	Animal and Plant Health Inspection Service	Apple Commodity Survey		\$15,731	5/1/2016	4/30/2017
Lensing, Janet	3200000517	Entomology	Animal and Plant Health Inspection Service	Walnut Twig Beetle/Thousand Cankers Disease Survey		\$19,698	5/1/2016	4/30/2017
Lensing, Janet	3200000522	Entomology	Animal and Plant Health Inspection Service	CAPS 2016 - Soybean		\$8,813	1/1/2016	12/31/2016
Lensing, Janet	3200000523	Entomology	Animal and Plant Health Inspection Service	CAPS 2016 - Corn		\$19,637	1/1/2016	12/31/2016
Lensing, Janet	3200000582	Entomology	Animal and Plant Health Inspection Service	Gypsy Moth Survey		\$252,600	5/16/2016	4/30/2017
Lensing, Janet	3200000601	Entomology	Animal and Plant Health Inspection Service	Invasive Pest Outreach in Kentucky		\$54,491	9/1/2016	8/31/2017
MacLeod, James	3048113053	Veterinary Science	Morris Animal Foundation	Developmental Progenitor Cells of Articular Cartilage		\$121,547	5/12/2016	5/11/2019
Matthews, James	3210000237	Animal and Food Sciences	Agricultural Research Service	ARS/SCA: Effect of Se Form in Free-Choice Mineral Mix on Metabolic Parameters and Gene Expression of Steers Grazing Endophyte-Infected Tall Fescue		\$28,985	3/1/2016	4/30/2018
McCulley, Rebecca	3210000240	Plant & Soil Sciences	Agricultural Research Service	ARS/SCA: McCulley FAPRU-SCA Award		\$36,259	3/1/2016	4/30/2018
McDowell, Karen	3210000248	Veterinary Science	Agricultural Research Service	ARS/SCA: Effect of endophyte-infected tall fescue seed on equine endometrial gene expression and histology		\$62,524	3/1/2016	4/30/2018
McGrath, Joshua	3200000594	Plant & Soil Sciences	University of Illinois	Using Precision Technology in On-farm Field Trialsto Enable Data Intensive Fertilizer	Yes	\$16,642	3/1/2016	2/28/2017
McNear, David	3200000600	Plant & Soil Sciences	National Institute of Food and Agriculture	Rhizosphere Priming Effects on Legacy Organic Phosphorus (Po) in a Winter Wheat/corn Rotation	Yes	\$499,400	5/15/2016	5/14/2020

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Meyer, Alphonse	3200000359	Agr Economics	University of Georgia	Implement Plan of Work for the Southern Region Sustainable Agriculture Research and Education (SARE) Professional Development Program (PDP) Plan of Work		\$30,979	9/1/2015	8/31/2016
Nielsen, Martin	3048113045	Veterinary Science	Zoetis LLC	Evaluation of the Mucosal Inflammatory Responses to Larvicidal Treatment	Yes	\$20,132	5/1/2016	4/30/2017
Nielsen, Martin	3200000538	Veterinary Science	University of Massachusetts	Engineered Probiotics for Farm Animal and Human Nematodes		\$57,620	2/1/2016	1/31/2017
Pattanaik, Sitakanta	3048113032	Kentucky Tobacco Research & Dev Ctr	Council for Burley Tobacco	Next Generation Sequencing Aided Study of Influence of the Systemic Suckercide Maleic Hydrazide on Global Changes of Tobacco Gene Expression		\$5,000	2/1/2016	1/31/2017
Pearce, Robert	3048113033	Plant & Soil Sciences	Council for Burley Tobacco	Enhancing Burley Tobacco Production Labor Efficiency 2016		\$10,000	2/1/2016	1/31/2017
Pfeufer, Emily	3200000545	Plant Pathology	University of Georgia	Brassicaceous Cover Crops to Reduce Root Knot Nematode and Improve Soil Quality in High Tunnel Tomato		\$14,990	3/15/2016	3/14/2018
Phillips, Timothy	3210000247	Plant & Soil Sciences	Agricultural Research Service	ARS/SCA: Genetic Improvement of Forage Grasses		\$1,838	3/1/2016	4/30/2018
Rieske-Kinney, Lynne	3200000577	Entomology	KY Division of Forestry	Urban Forestry Initiative with KY Communities		\$1,480	5/1/2016	6/30/2016
Rieske-Kinney, Lynne	3200000602	Entomology	KY Division of Forestry	Urban Forestry Initiative with KY Communities		\$18,520	7/1/2016	6/30/2017
Schardl, Christopher	3210000255	Plant Pathology	Agricultural Research Service	ARS/SCA: Effects of endophyte on survival and regrowth of tall fescue after drought stress		\$25,131	3/1/2016	4/30/2018
Shockley, Jordan	3048113004	Agr Economics	Kentucky Soybean Promotion Board	Determining the Economic Value of Poultry Litter for Kentucky Soybean Producers		\$18,469	7/1/2016	6/30/2017
Slack, Charles	3048113029	Plant & Soil Sciences	Syngenta Crop Protection	Syngenta Soy		\$12,000	3/16/2016	4/30/2017
Smith, Samuel	3210000283	Plant & Soil Sciences	Agricultural Research Service	ARS/SCA: Developing Sampling, Analysis, and Management Methodology for Cool Season Forages		\$15,401	3/1/2016	4/30/2018
Stephenson, Tammy	3200000591	Dietetics and Human Nutrition	KY Department of Agriculture	Specialty Crop: Plate It Up! Kentucky Proud Recipe Development and Evaluation for Consumers and Producers: Healthy Meals that Serve One or Two		\$50,000	12/1/2015	9/30/2018
Suman, Surendranath	3200000352	Animal and Food Sciences	National Institute of Food and Agriculture	Characterizing myoglobin phosphorylation and its relationship with beef color stability	Yes	\$149,999	8/1/2016	7/31/2018
Tanaka, Keiko	3200000332	Community & Leadership Devel	University of Minnesota	Impacts of Value-Based Supply Chains on Small and Medium Sized Farms	Yes	\$50,000	9/1/2015	1/14/2016
Thomas, William	3200000509	Forestry	KY Energy and Environment Cabinet	Invasive Plant Cost-Share Project		\$43,642	7/1/2016	9/30/2016
Thomas, William	3200000562	Forestry	KY Energy and Environment Cabinet	Forest Stewardship Outreach Project		\$40,000	7/1/2016	6/30/2017

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Urschel, Kristine	3210000254	Animal and Food Sciences	Agricultural Research Service	ARS/SCA: Improving dietary protein quality in forage fed horses		\$18,607	3/1/2016	4/30/2018
Vail, Ann	3210000291	Family & Consumer Sciences	Center for Disease Control and Prevention	Collaborative Environment Approaches to Reduce Obesity Disparities in Kentucky	Yes	\$21,000	9/30/2015	9/29/2016
Vanzant, Eric	3210000243	Animal and Food Sciences	Agricultural Research Service	ARS/SCA: Supplementation of Cattle Grazing Endophyte-Infected Fescue		\$46,985	3/1/2016	4/30/2018
Venard, Claire	3048113018	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Support for Technician Position with the Kentucky Soybean Variety Performance Program		\$49,153	7/1/2016	6/30/2017
Vijayakumar, Paul Priyesh	3200000564	Animal and Food Sciences	University of Georgia	Professional Training for Extension Agents in KY and OK in Food Safety and Sanitation Related to Farmer's Market	Yes	\$78,166	4/1/2016	3/31/2018
Wendroth, Ole	3048113021	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Year 3 of Irrigating the Soil to Maximize the Crop # An Approach for Soybean to Efficient and Environmentally Sustainable Irrigation Water Management in Kentucky		\$12,085	8/1/2016	7/31/2017
Yang, Shengming	3048113036	Plant & Soil Sciences	Council for Burley Tobacco	Marker Design Based on Genotyping by Sequencing for Blue Mold Resistance in Tobacco		\$5,000	2/1/2016	1/31/2017
Yuan, Ling	3210000242	Kentucky Tobacco Research & Dev Ctr	Agricultural Research Service	ARS/SCA: Tall Fescue Characteristics		\$11,420	3/1/2016	4/30/2018
Zhu, Hongyan	3210000256	Plant & Soil Sciences	Agricultural Research Service	ARS/SCA: Develop transgenic forage grasses and legumes to alter or knock out biochemical pathways to gain a better understanding of secondary metabolite		\$36,780	3/1/2016	4/30/2018
Total Federal Competitive						\$2,004,541		
Total Value						\$4,442,487		