

**Agriculture  
February 2014  
Awarded**

PI Name	Account #	Department	Sponsor	Title	Federal Competitive	Amount	Start	End
Adams, Amanda	3048111046	Veterinary Science	Neogen Inc	Effect of an immunostimulant containing Propionibacterium acnes (EqStim™) on cell-mediated immunity and nasal shedding of respiratory pathogens using a model of #weaning# stress in foals.		\$63,246	10/1/2013	12/30/2013
Artiushin, Sergey	3048111058	Veterinary Science	American Quarter Horse Foundation	Molecular diagnostic assays for the detection and control of contagious equine metritis.		\$37,679	10/1/2013	9/30/2014
Ashurst, Kerri	3048111184	Family & Consumer Sciences	Kansas State University	DoD Deployment Support Camp Grant		\$40,000	2/1/2014	8/31/2014
Brown, Grayson	3048111232	Entomology	KY Department for Public Health	FY 13-14 UK Mosquito Surveillance		\$10,000	10/1/2013	6/30/2014
Bruening, William	3048111036	Plant & Soil Sciences	Kentucky Small Grain Growers Association	Performance of Small Grain Varieties in Kentucky		\$9,000	9/1/2013	12/31/2014
Chambers, Thomas	3048111057	Veterinary Science	American Quarter Horse Foundation	Suppression of the Equine Type-1 Interferon Response by Equine Herpesvirus-1		\$44,847	10/1/2013	9/30/2014
Cox, John	3048110629	Forestry	KY Department of Fish and Wildlife	Resource Selection, Movement Patterns, Survival, and Cause-Specific Mortality of Adult Bull Elk in Kentucky		\$55,000	7/5/2013	5/31/2014
Cox, John	3048110700	Forestry	KY Department of Fish and Wildlife	Population Growth and Expansion of the Black Bear in Eastern Kentucky		\$93,000	7/15/2013	5/30/2014
Coyne, Mark	3049025210	Plant & Soil Sciences	Agricultural Research Service	ARS/SCA: Do More Legumes in Fescue Pastures Affect C Sequestration after Renovation?		\$29,940	7/1/2013	6/30/2014
Dunwell, Winston	3049025306	Horticulture	National Institute of Food and Agriculture	Advancing IPM in Kentucky through Extension: 2013-2016		\$10,400	9/1/2013	8/31/2014
Epps, Rebekah	3048110647	Community & Leadership Devel	KY Education and Workforce Development Cabinet	Perkins Leadership Project		\$1,500	7/1/2013	6/30/2014
Fehr, Robert	3048110659	Biosystems & Ag Eng	KY Energy and Environment Cabinet	A Cooperative Extension Program for Kentucky's Energy Efficiency Education Needs 2013-2014		\$100,000	7/1/2013	6/30/2014
Goodin, Michael	3049025223	Plant Pathology	National Science Foundation	Population Structure of Coffee Ringspot Virus in Brazil	Yes	\$69,668	7/20/2013	5/31/2014
Harrison, Glen	3048110635	Regulatory Services	Food and Drug Administration	BSE Rule and Medicated Feed Inspections		\$42,627	7/1/2013	6/30/2014
Higdon, Andrea	3048111022	Agr Programs	Animal and Plant Health Inspection Service	Multi-Jurisdictional Coordination Functional Exercise		\$44,501	9/24/2013	9/23/2014
Horohov, David	3048111266	Veterinary Science	University Court of the University of Edinburgh	Immunogenicity and safety of RplB vaccine in adult horse.		\$13,170	2/1/2014	4/1/2014

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Hunt, Arthur	3049025208	Plant & Soil Sciences	Agricultural Research Service	ARS/SCA: Impact of a novel growth-enhancing genetic modification on forage legume quality		\$36,800	7/1/2013	6/30/2014
Hunt, Arthur	3049025209	Plant & Soil Sciences	Agricultural Research Service	ARS/SCA: Genome-wide analysis of transcription and RNA processing in the endophyte-plant system		\$36,800	7/1/2013	6/30/2014
Kachroo, Pradeep	3048110607	Plant Pathology	KY Science and Technology Co Inc	KSEF RDE: Understanding the Interrelationships between the Various Chemical Inducers of Plant Systemic Immunity		\$29,970	7/1/2013	6/30/2014
Lawrence, Laurie	3049025211	Animal and Food Sciences	Agricultural Research Service	ARS/SCA: Factors affecting carbohydrate and secondary metabolites in pasture		\$32,188	7/1/2013	6/30/2014
Lawrence, Laurie	3049025214	Animal and Food Sciences	Agricultural Research Service	ARS/SCA: Effect of maternal diet on the neonatal equine gastrointestinal tract microbiome		\$32,200	7/1/2013	6/30/2014
Lee, Brian	3048111260	Landscape Architecture	Purdue University	Integrating Spatial Educational Experiences (Isee) - Mapping a New Approach to Teaching and Learning Soil Science	Yes	\$112,500	9/1/2013	8/31/2016
Lee, Chad	3048111039	Plant & Soil Sciences	Kentucky Small Grain Growers Association	Genotype x Environment x Management Interactions in Wheat: Year 2		\$6,800	9/1/2013	12/31/2014
Lindemann, Merlin	3048111043	Animal and Food Sciences	National Pork Board	An Integrated Evaluation of the Nutrient Uplift Provided by Xylanase in Finishing Diets		\$93,000	11/1/2013	10/31/2014
Lu, Ying	3048111019	Merchandising, Apparel & Textiles	Purdue University	The Heartland of the United States as Destinations for the Inbound Market from China	Yes	\$10,000	9/1/2013	8/31/2015
Naugle, Lottie	3048111056	Small Business Development Center SBDC	Small Business Administration	Kentucky Small Business Development Center		\$402,444	10/17/2013	9/30/2014
Naugle, Lottie	3048111218	Small Business Development Center SBDC	KY Economic Development Cab	Procurement Assistance		\$20,000	2/5/2014	6/30/2014
Palli, Subba	3048111060	Entomology	University of South Florida	Ecdysteroid signaling in Filarial parasites	Yes	\$16,263	8/15/2013	7/31/2014
Palli, Subba	3048111227	Entomology	Iowa State University	Mechanisms of RNA interference	Yes	\$120,000	1/1/2014	12/31/2015
Schardl, Christopher	3049025133	Plant Pathology	Agricultural Research Service	ARS/SCA: Effects of endophyte on survival and regrowth of tall fescue after drought stress		\$73,600	7/1/2013	6/30/2014
Seebold, Kenneth	3048110608	Plant Pathology	KY Science and Technology Co Inc	KSEF RDE: Identifying Factors that Regulate Broad-Spectrum Resistance to Phytophthora		\$29,970	7/1/2013	6/30/2014
Stringer, Jeffrey	3048111235	Forestry	KY Division of Forestry	KY Master Logger Classes		\$15,000	1/15/2014	6/30/2014
Unrine, Jason	3048111050	Plant & Soil Sciences	Duke University	Renewal-Center for the Environmental Implications of Nanotechnology		\$150,000	9/15/2013	8/31/2014

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Urschel, Kristine	3049025187	Animal and Food Sciences	Agricultural Research Service	ARS/SCA: Improving dietary protein quality in forage fed horses		\$73,612	7/1/2013	6/30/2014
Van Sanford, David	3048111014	Plant & Soil Sciences	Kentucky Small Grain Growers Association	Soft Red Winter Wheat Breeding and Variety Development for Kentucky		\$36,000	9/1/2013	12/31/2014
Warner, Richard	3048111253	Biosystems & Ag Eng	US Geological Survey	Ensuring Restoration Success and Management Effectiveness for the Imperiled Blackside Dace at Cumberland Gap National Historical Park: Sediment	Yes	\$50,600	2/1/2014	1/31/2015
White, Jennifer	3048110650	Entomology	KY Science and Technology Co Inc	Understanding the Mechanisms for Aphid-derived Toxicity Toward Ladybeetles		\$29,984	7/1/2013	6/30/2014
Yuan, Ling	3048111251	Kentucky Tobacco Research & Dev Ctr	MARAXI Incorporated	Production of proteins in plant		\$321,280	2/14/2014	2/14/2016
Zhou, Xuguo	3048110649	Entomology	KY Science and Technology Co Inc	Talk to the dead: Chemical communications in corpse management in termites		\$30,000	7/1/2013	6/30/2014
Zhu, Hongyan	3049025134	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 production and plant persistence		\$56,860	7/1/2013	6/30/2014
Total Federal Competitive					\$379,031			
Total Value						\$2,480,449		