

**Agriculture  
April 2012  
Awarded**

PI Name	Account #	Department	Sponsor	Title	Federal Competitive	Amount	Start	End
Ashurst, Kerri	3048109258	Family & Consumer Sciences	Purdue University	2012 Kentucky Military Extension Adventure Camp		\$108,576	3/1/2012	9/30/2012
Bewley, Jeffrey	3048109250	Animal and Food Sciences	American Jersey Cattle Association	Characterization of Breed Differences in Core Body Temperature, Lying Behavior, Rumination Behavior, and Quarter-Level Milk Conductivity		\$7,992	4/1/2012	3/31/2013
Carter, Craig	3048109281	Veterinary Diagnostic Laboratory	KY Department of Agriculture	Bovine Spongiform Encephalopathy Testing and Related Services		\$2,520	4/1/2012	6/30/2012
Carter, Craig	3048109283	Veterinary Diagnostic Laboratory	Animal and Plant Health Inspection Service	Diagnostic Laboratory Support of NAHLN		\$55,000	4/15/2012	3/31/2013
Chappell, Joseph	3048109229	Plant & Soil Sciences	Texas AgriLife Research	Synthetic Crop for Direct Biofuel Production through Re-routing the Photorespiration Intermediates and Engineering Terpenoid Pathways#	Yes	\$232,210	2/15/2012	8/14/2013
Collins, Joseph	3048109232	Entomology	Animal and Plant Health Inspection Service	Pine Shoot Beetle ( <i>Tomicus piniperda</i> ) Survey		\$2,822	4/1/2012	3/31/2013
Downie, A. Bruce	3048109270	Horticulture	National Institute of Food and Agriculture	Using RNA interference (RNAi) to deconvolute cryptochromes' (HvCRYs) influences on gene expression controlling ABA titer impacting seed dormancy in Barley	Yes	\$64,934	4/15/2012	4/14/2013
Grove, John	3048109259	Plant & Soil Sciences	KY Soybean Promotion Board	Raising Soybean Yield Potential in Dry Seasons: Increased Rooting Depth and Greater Soil Water Extraction with Deeper Depth to the Fragipan		\$35,000	4/1/2012	3/31/2013
Hennig, Bernhard	3048109306	Animal and Food Sciences	National Institute of Environmental Health Sciences	Nutrition and Superfund Chemical Toxicity		\$2,094,986	4/1/2012	3/31/2013
Hershman, Donald	3048109254	Plant Pathology	KY Soybean Promotion Board	2012 Kentucky Soybean Rust Monitoring and Early Warning System		\$12,000	4/1/2012	3/31/2013
Horohov, David	3048109273	Veterinary Science	Grayson Jockey Club Research Foundation Inc	Do NSAIDs affect the Immune Response of Horses to Vaccination?		\$54,776	4/1/2012	3/31/2013
Johnson, Douglas	3048109253	Entomology	KY Soybean Promotion Board	Addressing Multiple Soybean Pest Management Issues through Integrated studies.		\$25,787	4/1/2012	3/31/2013
Lee, Chad	3048109295	Plant & Soil Sciences	KY Soybean Promotion Board	Soybean Management Verification Program: 2012		\$62,000	4/1/2012	3/31/2013
Nagy, Peter	3048109279	RCTF-1-Plant Sciences-PlantPath	National Science Foundation	Key role of the multifunctional translation elongation factor in virus replication.	Yes	\$194,247	1/15/2012	12/31/2015
Pescatore, Anthony	3048109252	Animal and Food Sciences	Agricultural Research Service	Use of Natural Remedies to Alleviate Enteric Pathogens in Organic Poultry	Yes	\$69,349	9/1/2011	8/31/2012
Ritchey, Edwin	3048109261	Plant & Soil Sciences	KY Soybean Promotion Board	An Integrated Approach to Understanding the Dynamics of Poultry Litter Use in Corn-Soybean Production Systems		\$35,000	4/1/2012	3/31/2013
Ritchey, Edwin	3048109298	Plant & Soil Sciences	KY Corn Growers Association	An Integrated Approach to Understand the Agronomic Responses to Poultry Litter Use and Soybean and Corn Production Systems		\$35,000	7/1/2012	6/30/2016
Smith, Samuel Ray	3048109263	Plant & Soil Sciences	University of Tennessee	Restoring imperiled grassland wildlife through grazing innovation in the eastern United States	Yes	\$79,901	9/15/2011	9/30/2014

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Stringer, Jeffrey	3048109308	Forestry	KY Energy and Environment Cabinet	Kentucky Woodlands Magazine - Whats up with our oaks? Issue		\$16,000	4/1/2012	6/30/2012
Total Federal Competitive					\$640,641			
Total Value						\$3,188,100		