

**Agriculture
November 2009
Awarded**

PI Name	Account #	Department	Sponsor	Title	Federal Competitive	Amount	Start	End
Arthur, Mary	3049023581	Forestry	Cooperative State Research Education and Extension	Subproject 8: Using Remotely-Sensed Imagery to Monitor Post-Fire Forest Dynamics		\$49,593	9/1/2009	8/31/2012
Barton, Christopher	3049023579	Forestry	Cooperative State Research Education and Extension	Subproject 7: Characterization of Headwater Seep Wetlands in Southeastern Kentucky		\$49,946	9/1/2009	8/31/2012
Bullock, Kevin	3048106696	Animal and Food Sciences	Cornell University	National Beef Cattle Evaluation Consortium		\$47,500	9/1/2009	8/31/2010
Cox, John	3048106722	Forestry	KY Department of Fish and Wildlife	Dispersal & Population Expansion of the Black Bear in Eastern Kentucky		\$107,000	7/1/2009	6/30/2010
Downie, A. Bruce	3048106713	Horticulture	National Science Foundation	Collaborative Research: An F-box protein targeting PIF1 and PIF3	Yes	\$153,310	9/1/2009	8/31/2011
Fei, Songlin	3049023580	Forestry	Cooperative State Research Education and Extension	Subproject 9: Spatial Prioritization for Invasive Species Management		\$49,564	9/1/2009	8/31/2012
Grove, John	3049023609	Plant & Soil Sciences	Cooperative State Research Education and Extension	Subproject 5: Crop Precision Residue Removal for Biofuels: Yield or Organic Matter Map-Driven?		\$50,000	9/1/2009	8/31/2012
Gumbert, Amanda	3048106746	Agr Programs	KY Energy and Environment Cabinet	University of Kentucky Cooperative Extension Service Liaison		\$54,000	9/1/2009	6/30/2010
Hennig, Bernhard		Animal and Food Sciences	National Institute of Environmental Health Sciences	Nutrition and Superfund Chemical Toxicity - Training Supplement	Yes	\$6,277	4/1/2009	3/31/2010
Husband, Andrea	3049023583	Agr Programs	Purdue University	The EDEN Strengthening Community Agrosecurity Planning (S-CAP) Train-the-Trainer Project: Phase 1		\$70,000	10/1/2006	6/30/2010
Lacki, Michael	3048106726	Forestry	KY Department of Fish and Wildlife	Status, Distribution, and Reproductive Characteristics of River Otters in Kentucky		\$13,897	7/1/2009	12/31/2009
Luck, Joe	3049023607	Biosystems & Ag Eng	Cooperative State Research Education and Extension	Subproject 3: Development of a Novel Pneumatic Nozzle Control System for Variable-Rate Pesticide Application		\$40,320	9/1/2009	8/31/2012
McNeill, Samuel	3048106747	Biosystems & Ag Eng	Foreign Agricultural Service	TDY Nigeria:Commodity Storage and Handling Assessment Mission		\$6,006	10/13/2009	3/31/2010
Meyer, Alphonse	3048106729	Agr Economics	Texas A&M University	Kentucky Agriculture in Transition: Ensuring Sustainability, Security, and Profitability		\$41,034	7/1/2009	1/15/2011
Mueller, Thomas	3049023605	RCTF-1-Plant Sciences-Agronomy	Cooperative State Research Education and Extension	Subproject 6: Google Maps for Land Assessment Visualization		\$49,994	9/1/2009	8/31/2012
Obrycki, John	3048106734	Entomology	KY Energy and Environment Cabinet	Hemlock Woolly Adelgid Sampling Surveys		\$10,000	10/1/2009	6/30/2010
Pitla, Santosh	3049023608	Biosystems & Ag Eng	Cooperative State Research Education and Extension	Subproject 2: Crop Cut-Width Sensing for Improved Accuracy of Yield Monitor Data		\$49,882	9/1/2009	8/31/2012

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Schardl, Christopher	3048106721	Plant Pathology	Cooperative State Research Education and Extension	Advanced Genetic Technologies, KY		\$421,394	9/1/2009	8/31/2012
Schardl, Christopher	3049023594	Plant Pathology	Agricultural Research Service	Plant and Endophyte Gene Expression and Metabolism in Response to Stress and Parasitism		\$117,662	11/1/2009	4/30/2013
Schwab, Gregory	3049023604	Plant & Soil Sciences	Cooperative State Research Education and Extension	Subproject 4: Optical Sensors to Improve Nitrogen Management in Corn Production		\$49,816	9/1/2009	8/31/2012
Seebold, Kenneth	3048106730	Plant Pathology	University of Florida	Managing Phytophthora capsici on Pepper and Summer Squash with Combinations of Bioten and Conventional Fungicides		\$10,000	8/1/2009	7/31/2010
Stringer, Jeffrey	3048106740	Forestry	KY Department of Fish and Wildlife	Forest Management Assistance on State Wildlife Management Areas and Private Lands Technical Assistance		\$15,000	7/22/2009	6/20/2010
Walters, Cory	3048106735	Agr Economics	Texas A&M University	Integrating ACRE and Crop Insurance: A Comprehensive Risk Management Strategy		\$11,157	7/1/2009	1/15/2011
White, Jennifer	3048106712	Entomology	University of Minnesota	Ecological Ramifications of Defensive Symbiosis in an Invasive Aphid Pest		\$46,148	9/1/2009	9/30/2011
Williams, Mark	3048106741	Horticulture	Iowa State University	Sustainable Systems for Cucurbit Crops on Organic Farms	Yes	\$276,448	8/1/2009	7/31/2012
Zandonadi, Rodrigo	3049023606	Biosystems & Ag Eng	Cooperative State Research Education and Extension	Subproject 1: Reduced Equipment Set for Multiple Vehicle Guidance		\$49,992	9/1/2009	8/31/2012
Total Federal Competitive						\$483,758		
Total Value						\$1,845,940		