

**Agriculture  
August 2011  
Proposal Submissions**

Principal Investigator	Department	Sponsor	Title	Amount Requested	
Barton, Christopher	Forestry	American Chestnut Foundation	Continued Monitoring of American Chestnut Restoration Sites on Surface Mined Land in Kentucky	\$2,500	
Bessin, Ricardo	Entomology	University of Florida	State Liaison for the Minor Use Pesticide Program and Eggplant Flea Beetle Insecticide Efficacy	\$7,000	
Burks, Jann	4-H Central Operations	National Four H Council	Kentucky 4-H Tech Wizard	\$123,000	
Chappell, Joseph	Plant & Soil Sciences	National Institute of Food and Agriculture	Engineering High Value Oil Production into Biofuel Crops	\$985,157	
Contreras, Marco	Forestry	University of Montana	OptFuels: Optimizing Fuel Treatment Location at the Landscape Level	\$30,000	
Coyne, Mark	Plant & Soil Sciences	US Department of Agriculture	Proposal to Host Visiting Borlaug Fellow From Zambia	\$22,206	
Dillon, Carl	Agr Economics	KY Department of Agriculture	Optimal Production and Management Decisions for Kentucky Vegetable Farmers	\$65,361	
Dobson, Stephen	Entomology	KY Science and Technology Co Inc	Commercialization of Mosquito Manufacturing Technology	\$74,955	
Durham, Richard	Horticulture	National Institute of Food and Agriculture	Kentucky People's Gardens Network	\$147,828	
Fehr, robert	Biosystems & Ag Eng	KY Energy and Environment Cabinet	Kentucky Cooperative Extension Service Energy Efficiency Awareness and Action	\$200,705	
Hanley, Carol	Center for the Environment	National Institute of Food and Agriculture	University of Kentucky Gardens Ready to Educate and Eat (Healthy) Network	\$0	
Hildebrand, David	Plant & Soil Sciences	KY Science and Technology Co Inc	Pilot scale production and processing of New Salvia hispanica lines for commercial development as a new source of edible and industrial oil	\$66,359	
Hu, Wuyang	Agr Economics	National Oceanic and Atmospheric Administration	Economic Relationship between Wild-capture Fisheries and Marine Aquaculture	\$50,000	
Hustedde, ronald	Community & Leadership Deve	Appalachian Regional Commission	E-Discovery Challenge	\$200,000	
Karathanasis, Anastasios	Plant & Soil Sciences	Natural Resources Conservation Service	Organize and Coordinating the 2012 South Region CSS Conference	\$7,500	
Lee, Brad	Plant & Soil Sciences	Natural Resources Conservation Service	Soil hydrologic Processes and Watershed Dynamics in the Shawnee Hills, Major Land Resource Area 115 & 120	\$101,533	

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Lensing, Janet	Entomology	Animal and Plant Health Inspection Service	Citizen Volunteer Pest Survey	\$10,000	
Lensing, Janet	Entomology	Animal and Plant Health Inspection Service	Cooperative Agricultural Pest Survey 2012	\$223,933	
Lensing, Janet	Entomology	Animal and Plant Health Inspection Service	Forest Pest Outreach and Survey Project	\$37,500	
Matocha, Christopher	Plant & Soil Sciences	National Science Foundation	Mechanistic Studies of Nitrate and Nitrite Reduction at the Iron(II) Mineral-Water Interface	\$224,164	
Perry, Sharyn	RCTF-1-Plant Sciences-Agron	National Science Foundation	Mechanisms of gene regulation by the plant MADS-domain transcription factor AGL15	\$418,864	
Reed, Michael	International Programs	Foreign Agricultural Service	Adoption of Biotechnology in Nigeria	\$44,876	
Rieske-Kinney, Lynne	Entomology	Animal and Plant Health Inspection Service	Emerald Ash Borer	\$0	
Smith, Samuel	Plant & Soil Sciences	KY Forage & Grasslands Council	Farm Scale Biomass Production for Electricity Generation and Community Development	\$259,903	
Townsend, Lee	Entomology	National Institute of Food and Agriculture	Pesticide Safety Education	\$10,000	
Unrine, Jason	Plant & Soil Sciences	Camille and Henry Dreyfus Foundation	Breaking the bottleneck for nanotechnology environmental health and safety research	\$120,000	
Urschel, Kristine	Animal and Food Sciences	Morris Animal Foundation	Effects of glucocorticoid-induced insulin resistance on insulin signaling and muscle protein metabolism	\$86,707	
Warner, Richard	Biosystems & Ag Eng	Virginia Polytechnic Institute and State University	Appalachian Research Initiative for Environmental Science (ARIES)	\$383,533	
Woods, Timothy	Agr Economics	KY Department of Agriculture	MarketReady Training Partnership with the Kentucky Department of Agriculture	\$18,000	
Woods, Timothy	Agr Economics	KY State University	A Mobile Kitchen for Fruit and Vegetable Processing Training and Extension Initiatives for Pawpaw and Sorghum Syrup	\$32,330	