

**Agriculture
June 2012
Proposal Submissions**

Principal Investigator	Department	Sponsor	Title	Total Amount Requested
Cox, Nancy	Assoc Dean Research/Director AES	KY Horse Racing Authority	Equine Medical Director	\$350,412
Meyer, Alphonse	Agr Economics	University of Georgia	Developing an Organic Corn Enterprise in Kentucky	\$9,969
Stowe, Christina Jill	Agr Economics	Alltech Biotechnology Inc	Kentucky Equine Survey -- Economic Impact Analysis	\$19,792
Stowe, Christina Jill	Agr Economics	KY Horse Council	Kentucky Equine Survey	\$200,000
Bruening, William	Plant & Soil Sciences	KY Small Grain Promotion Council	Performance of Small Grain Varieties in Kentucky	\$8,500
Ditsch, David	Plant & Soil Sciences	KY Department of Agriculture	UK Robinson Center Farmer's Market Shelter	\$40,000
Karathanasis, Anastasios	Plant & Soil Sciences	KY Department for Public Health	Soils Morphology	\$40,000
Martin, James	Plant & Soil Sciences	Purdue University	Development of Effective Educational Programs to Manage and Mitigate Herbicide Resistant Weeds	\$90,000
Miller, Robert	Plant & Soil Sciences	Altria Corporate Services Inc	Evaluation of Altria Burley Breeding Lines	\$11,120
Moe, Luke	Plant & Soil Sciences	KY Science and Technology Co Inc	Bacteria and Bioethanol Fermentation: Characterizing the Impact of Bacterial Contaminants and Bacterial Community Structure on Bioethanol Fermentations Across the US	\$100,000
Smalle, Jan	Plant & Soil Sciences	National Institute of General Medical Sciences	Salt stress signaling and the cytoskeleton.	\$556,000
Pescatore, Anthony	Animal and Food Sciences	KY State University	Farming for cash: An apprenticeship program for Kentucky's beginning limited-resource and small-scale farmers	\$100,000
Harwood, James	Entomology	KY Small Grain Promotion Council	Tracking the source of aphid-vectored virus in winter wheat	\$8,262
Townsend, Lee	Entomology	National Institute of Food and Agriculture	Pesticide Safety Education	\$10,000
Arthur, Mary	Forestry	Virginia Polytechnic Institute and State University	Opportunities for Improving the Quality of Red Maple in Appalachian Hardwood Forests	\$99,916
Conners, Terrance	Forestry	North Carolina State University	Value Improvement of Low Quality Hardwoods	\$20,526

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Stringer, Jeffrey	Forestry	KY Energy and Environment Cabinet	UK Forest Stewardship Public Awareness, Publicity & Training	\$20,000
Stringer, Jeffrey	Forestry	KY Energy and Environment Cabinet	Forest and Wood Product Certification Educational Outreach	\$55,000
Thomas, William	Forestry	KY Energy and Environment Cabinet	Restoring Bottomland Hardwood Forests to Improve Watershed Health Outreach	\$2,000
Ingram, Dewayne	Horticulture	KY Department of Agriculture	Determining the environmental impact (carbon footprint) of the production and useful life of an evergreen tree in a suburban landscape	\$7,700
Kachroo, Aardra	Plant Pathology	KY Science and Technology Co Inc	Towards Understanding The Mechanisms of Plant Extreme Resistance to Viruses	\$99,907
Nagy, Peter	RCTF-1-Plant Sciences-PlantPath	KY Science and Technology Co Inc	Screening of temperature sensitive and deletion libraries for host factors affecting virus replication	\$90,000
Nagy, Peter	RCTF-1-Plant Sciences-PlantPath	National Institute of Allergy and Infectious Diseases	Inactivation of host lipin gene accelerates RNA virus replication	\$382,250
Nagy, Peter	RCTF-1-Plant Sciences-PlantPath	National Institute of Allergy and Infectious Diseases	Enhanced Viral RNA recombination by a host RNA helicase	\$382,250
Chambers, Thomas	Veterinary Science	KY Science and Technology Co Inc	Role of the horse in interspecies transmission of influenza viruses	\$99,496
Gaskill, Cynthia	Veterinary Diagnostic Laboratory	Food and Drug Administration	FDA Vet-LRN Veterinary Diagnostic Laboratory Cooperative Agreement Program funding to increase sample analysis in the event of animal food or drug related illness	\$82,500