

**Agriculture
September 2011
Proposal Submissions**

Principal Investigator	Department	Sponsor	Title	Amount Requested	
Adams, Amanda	Veterinary Science	Grayson Jockey Club Research Foundation Inc	Weaning Method	\$54,207	
Amaral-Phillips, Donna	Animal and Food Sciences	University of Nebraska	DAIReXNET- eXtension National Web Resource	\$12,500	
Artiushin, Sergey	Veterinary Science	Grayson Jockey Club Research Foundation Inc	Efficacy of TcdA&B binding domains based vaccine.	\$93,187	
Ball, Barry	Veterinary Science	Grayson Jockey Club Research Foundation Inc	Anti-Mullerian Hormone and Follicular Reserve in Mares	\$97,267	
Barton, Christopher	Forestry	Forest Service	Evaluation of acidic atmospheric deposition and its influence on soil solution composition in the Daniel Boone National Forest	\$50,267	
Barton, Christopher	Forestry	Appalachian Regional Commission	Green Forests Work for Appalachia: Phase I Development and Deployment	\$900,000	
Farman, Mark	Plant Pathology	National Science Foundation	Telomere instability in the fungus Magnaporthe oryzae: mechanisms and roles in adaptive evolution	\$649,165	
Farris, Marcia	Arboretum	Lexington Fayette Urban County Government	KY Children's Garden Springhouse Construction Project	\$12,000	
Goodin, Michael	Plant Pathology	National Science Foundation	Nuclear Rings to Plasmodesmata: Movement of Plant-Adapted Rhabdoviruses.	\$0	
Gustafson, Alison	Nutrition and Food Science	National Institute of Health	Appalachian Children Move More Together	\$139,000	
Hanley, Carol	Center for the Environment	Lexington Fayette Urban County Government	The Stormwater Quality Project Incentives	\$21,547	
Hargrove, Tyan	Landscape Architecture	TKF Foundation	University of Kentucky Creative Pathway	\$50,000	
Horohov, David	Veterinary Science	Grayson Jockey Club Research Foundation Inc	Do NSAIDs affect the Immune Response of Horses to Vaccination?	\$54,776	
Hunt, Arthur	Plant & Soil Sciences	National Science Foundation	Alternative polyadenylation and non-stop mRNAs in Arabidopsis	\$543,323	
Kachroo, Aardra	Plant Pathology	United Soybean Board	Understanding Soybean Responses to Root-Knot and Reniform Nematodes	\$414,009	
Nielsen, Martin	Veterinary Science	Grayson Jockey Club Research Foundation Inc	The role of Parascaris equorum in the immune system.	\$0	

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Perry, Robert	Assoc Dean Research/Director AES	American Livestock Breeds Conservancy	Saving Endangered Hog Breeds	\$20,000	
Perry, Sharyn	RCTF-1-Plant Sciences- Agronomy	United Soybean Board	Enhancement of Soybean Somatic Embryo Development to Improve Regeneration and Transformation Efficiency	\$236,827	
Rieske-Kinney, Lynne	Entomology	Environmental Protection Agency	Integrating natural enemies and habitat manipulation to develop a sustainable approach for managing exotic and native pests impacting chestnut production	\$50,000	
Stombaugh, Timothy	Biosystems & Ag Eng	Deere and Company	Test Plan for Next Gen Combine Grain Sampling System and Moisture Sensor	\$1,916	
Stringer, Jeffrey	Forestry	KY Department of Fish and Wildlife	UK Forest Management Assistance on State WMAs	\$10,000	
Troedsson, Mats	Veterinary Science	Grayson Jockey Club Research Foundation Inc	Novel diagnostic tools to detect placentitis.	\$88,748	
Vail, Ann	Family & Consumer Sciences	KY Cabinet for Health and Family Services	UK Supplemental Nutrition Assistance Program # Education (SNAP- ED)	\$2,476,147	
Vazsonyi, Alexander	Family Studies	Department of Education	Student-Teacher Relationships, Self-Control, and Engagement: Longitudinal Predictors of Achievement and School Leaving in a Random Sample of Adolescents	\$1,631,749	
Webb, Bruce	Entomology	Binational Agricultural Research & Development Fun	Identifying the cause of sterility in the Bemisia tabaci parasitoid Eretmocerus mundus using molecular and functional approaches	\$63,960	
Zhu, Hongyan	Plant & Soil Sciences	National Institute of Health	Role of host immunity in shaping the legume-rhizobial symbiosis	\$1,390,000	