

**Agriculture
August 2010
Proposal Submissions**

Principal Investigator	Sponsor	Title	Department	Total Amount Requested
Balauriya, Udeni	National Institute of Health	XIIth International Nidovirus Symposium Support Proposal	Veterinary Science	\$0
Barrett, Michael	National Institute of Food and Agriculture	Reducing the evolution, spread and adverse economic and environmental impacts of herbicide resistant weeds through detection, distribution monitoring and educational programs	Plant & Soil Sciences	\$0
Carter, Craig	KY Cabinet for Health and Family Services	SDLV Lab Testing	Livestock Diag Disease Center	\$20,000
Chambers, thomas	Pfizer Inc	Further characterization of the Immunological Response of Horses to Vaccination with Fluvac Innovator	Veterinary Science	\$88,802
Cox, John	Wildlife Foundation of Florida Inc.	Bear Range and Population Abundance of Black Bears in South-Central Florida	Forestry	\$40,000
Davis, Alison	Department of Housing and Urban Development	Ken-Tenn Regional Planning Initiative	Agr Economics	\$527,140
Ghabrial, Said	University of Illinois	Multiple Disease Resistant Soybeans: Gene Discovery and Transfer of Disease Resistance into Soybean	Plant Pathology	\$56,720
Hains, Bryan	KY Department of Education	UK Teacher Educator Perkins Award	Community & Leadership Devel	\$5,000
Harmon, David	Elanco Animal Health	LAD and Monensin in Vitro VFA Study	Animal and Food Sciences	\$26,653
Hildebrand, David	KY Small Grain Growers Association	Development of Chia as a Sustainable Crop	Plant & Soil Sciences	\$5,000
Kachroo, Aardra	United Soybean Board	Enhancing Soybean Yield by Manipulating the Expression of Seed Size-Determining Genes	Plant Pathology	\$0
Kachroo, Aardra	United Soybean Board	Reducing Soybean Yield Loss by Enhancing Resistance to Phytophthora Rot	Plant Pathology	\$0
Karathanasis, Anastasios	KY Cabinet for Health and Family Services	Soil Morphology Training for On-Site Sewage Disposal Systems	Plant & Soil Sciences	\$30,000
Lee, Brian	National Science Foundation	Collaborative Research: Community Decision-Making Implications of Visualizing Land Cover Scenarios by Integrating Remotely Sensed Data with Landscape Change Models in Appalachian Ky.	Landscape Architecture	\$40,024
Lee, Chad	KY Small Grain Growers Association	Wheat Yield in 15-inch Rows	Plant & Soil Sciences	\$2,500

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Meyer, Alphonse	University of Georgia	Implement Plan of Work for the SARE Professional Development Program (PDP) Program	Agr Economics	\$10,000
Moe, Luke	National Institute of Food and Agriculture	Plant-Microbe Communication in the Medicago Truncatula Rhizosphere: Functional Metagenomics, Biochemistry, and Community Analysis	Plant & Soil Sciences	\$499,964
Montross, Michael	North Carolina State University	Combustion of Sweet Sorghum Bagasse	Biosystems & Ag Eng	\$675,597
Mueller, thomas	Forest Service	Methodology for Designing Vegetative Buffers Using GIS and Terrain Analysis	RCTF-1-Plant Sciences-Agronomy	\$40,000
Mundell, Richard	Planet Biotechnology Incorporation	Phase I SBIR	Ky Tobacco Research & Dev Center	\$32,495
Murray, Deborah	National Institute of Food and Agriculture	A Multilevel Community Approach to Understanding and Preventing Childhood Obesity	Family & Consumer Sciences	\$25,000,000
Newman, Melissa	National Institute of Food and Agriculture	External Radiological Decontamination of Livestock: Research and Outreach	Animal and Food Sciences	\$161,591
Obrycki, John	Animal and Plant Health Inspection Service	Cooperative Agricultural Pest Survey	Entomology	\$223,933
Potter, Daniel	Sylvar Technologies Incorporated	The Development and Commercialization of Baculovirus Based Biological Control Products for Insect Pests	Entomology	\$209,157
Pushkarskaya, Helen	National Science Foundation	Revisiting the Impact of the Tobacco Buyout on Tobacco Farmers and Rural Economics	Agr Economics	\$515,387
Reed, Michael	Foreign Agricultural Service	Scientific Exchanges Program - Senegal	International Programs	\$49,956
Seebold, Kenneth	University of Florida	Managing Phytophthora capsici on Pepper and Summer Squash with Combinations of Bioten and Conventional Fungicides	Plant Pathology	\$10,000
Stainback, George	Virginia Polytechnic Institute and State University	Developing a Sustainable Advanced Woody Bioenergy System (SAWBS) in the Southeast.	Forestry	\$0
Troedsson, Mats	Pfizer Inc	Research Fellowship	Veterinary Science	\$120,000
Webb, Bruce	ParaTechs Corp	Novel Methods for Improving Virion Production in Baculovirus	Entomology	\$33,000
Zhu, Hongyan	National Institute of Food and Agriculture	Role of R Genes in Shaping the Legume-Rhizobia Symbiosis	Plant & Soil Sciences	\$490,242