

**Agriculture  
April 2010  
Proposal Submissions**

<b>Principal Investigator</b>	<b>Sponsor</b>	<b>Title</b>	<b>Department</b>	<b>Total Amount Requested</b>
Bessin, Ricardo	Pioneer Hi Bred International Inc	2010 University Protocol for Evaluating Field Efficacy of Herculex I, YieldGard Corn Borer, and Bt11xMIR162 Deployed Against Corn Earworm, Fall Armyworm, and Other Southern U.S. Lepidoptera Larvae	Entomology	\$12,000
Carter, Sara	Monsanto Co	Dicamba-tolerant Soybean Weed Control System - Service Order #10	Plant & Soil Sciences	\$6,000
Colliver, Donald	Georgia Institute of Technology	Southeastern Cluster for Building Energy Science and Technology for Hot and Humid Climates (SE-BEST)	Biosystems & Ag Eng	\$1,043,905
DeBolt, Seth	National Science Foundation	Equipment Supplement: From Small Molecule to Gene, Using Chemical Genetics to Understand Cell Wall Sensing and Advance Molecular Resources	Horticulture	\$25,000
Easter, Elizabeth	National Institute of Standards & Technology	University of Kentucky Research Study on Evaluating Used Firefighter's Gear to Determine Appropriate Retirement Age	Merchandising, Apparel & Textiles	\$200,000
Higgins, Stephen	KY Energy and Environment Cabinet	Livestock Stewardship BMP Training and Demonstration Project	Biosystems & Ag Eng	\$315,000
Hunt, Arthur	National Science Foundation	REU: Collaborative Research: CPSF30 at the Convergence of RNA Processing, Cellular Signaling, and Development in Plants	Plant & Soil Sciences	\$3,000
Hustedde, Ronald	Rural Development	Kentucky Entrepreneurial Coaches Institute: Expanding and Creating New Businesses	Community & Leadership Devel	\$140,784
Hutchens, Terry	University of Illinois	Enhancing the Success of Meat Goat and Hair Sheep Beginning Farmers Via Hands-On Training, Mentoring, and Interactive Course Delivery System	Animal and Food Sciences	\$4,400
Johnson, Douglas	Pioneer Hi Bred International Inc	2010 University Protocol for Evaluating Field Efficacy of Herculex I, YieldGard Corn Borer, and Bt11xMIR162 Deployed Against Corn Earworm, Fall Armyworm, and Other Southern U.S. Lepidoptera Larvae	Entomology	\$12,000
Kachroo, Pradeep	National Science Foundation	REU Supplement to Support Research of Undergraduate Student: Glycerol Metabolism and Its Role in Biotrophy Versus Necrotrophy in an Arabidopsis/Fungal Hemibiotroph Model System	Plant Pathology	\$6,000
Karathanasis, Anastasios	Natural Resources Conservation Service	Kentucky Soil Survey Investigations	Plant & Soil Sciences	\$10,000
Lacki, Michael	KY Department of Fish and Wildlife	Roosting and Foraging Behavior of Rafinesque's Big-Eared Bat near the Northern Limits of the Species Range--Year 2 and 3	Forestry	\$102,610
Lee, Brad	Alcorn State University	Homeowner Septic System Education: Train-the-Trainer Program for County Extension Agents and Environmental Health Specialists	Plant & Soil Sciences	\$44,977

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Montross, Michael	Morehead State University	East Kentucky Bioenergy Assessment	Biosystems & Ag Eng	\$99,375
Mueller, Thomas	Ohio State University	Grassed Waterway Planning with LIDAR Data	RCTF-1-Plant Sciences-Agronomy	\$300,000
Murray, Deborah	Morehead State University	Rural Health Care Services Outreach and Rural Health Network Development Program Evaluation	Family & Consumer Sciences	\$15,000
Schardl, Christopher	University of Florida	MRI: Acquisition of Illumina HiScanSQ Sequencing System	Plant Pathology	\$49,527
Smalle, Jan	Northwestern University	Harvesting Flavenoids Using Nanoparticles and Their Use for Cancer Therapy	Plant & Soil Sciences	\$605,400
Vincelli, Paul	Monsanto Co	Consulting and Discussions on Fungicide Resistance and Monsanto Commercial Approaches to Plant Health and Disease Control Roundup Ready Cropping Systems.	Plant Pathology	\$1,000
Wilson, Patsy	Cornell University	Coordinated Wine Grape Variety Evaluations in the Eastern USA	Horticulture	\$1,024
Wood, Craig	University of Nebraska	New Technologies for Agriculture Extension (NTAE)	e-Extension	\$378,692