

**Agriculture  
August 2007  
Proposal Submissions**

<b>Principal Investigator</b>	<b>Sponsor</b>	<b>Title</b>	<b>Department</b>	<b>Total Amount Requested</b>
Barton, Christopher	KY Office of Energy Policy	R&D Seed Grant: Techniques for Establishing Woody Biomass Plantations on Surface Mines as Feedstocks for energy Production	Forestry	\$0
Carter, Craig	KY Department of Agriculture	Diagnostic Laboratory Services for Farmers and Agribusinesses	Livestock Diag Disease Center	\$478,500
Colliver, Donald	Integrated Therapeutics Technology	Areas of Activity for University of Kentucky Participation in the IBACOS/DOE Building American Proposal	Biosystems & Ag Eng	\$70,278
Colliver, Donald	KY Office of Energy Policy	R&D Seed Grant: A Facility for the Development of a Net Zero Energy House- Part 1: Crawlspace and Floors	Biosystems & Ag Eng	\$167,289
Colliver, Donald	KY Office of Energy Policy	Renewable Energy/Energy Efficiency (REEE) Program Support (07-08)	Biosystems & Ag Eng	\$54,520
Crofcheck, Czarena	Ecofin LLC	Research and Development Efforts Supporting Ecofin's Biorefinery Facility	Biosystems & Ag Eng	\$468,563
Ghabrial, Said	Iowa State University	Mitigating the effects of soybean virus diseases in the North Central states	Plant Pathology	\$31,343
Goodin, Michael	National Science Foundation	A Host Protein Interaction and Localization Map for a Plant	Plant Pathology	\$0
Issel, Charles	University of Pittsburgh	EIAV Envelope Variation and Vaccine Efficacy	Veterinary Science	\$300,560
Kachroo, Pradeep	National Science Foundation	Glycerol Metabolism and Its Role in Biotrophy Versus Necrotrophy in an Arabidopsis/Fungal Hemibiotroph Model System	Plant Pathology	\$0
Kim, Hyungsoo	Retirement Research Foundation	The Influence of Multiple Morbidities on Retirement and Work Status	Family Studies	\$0
McCulley, Rebecca	Department of Energy	Effects of Warming and Altered Precipitation Regime on Managed Grassland Structure and Function	Plant & Soil Sciences	\$375,922
Montross, Michael	KY Office of Energy Policy	R&D Seed Grant: Feasibility of Ethanol Production from Sweet Sorghum in Kentucky	Biosystems & Ag Eng	\$0
Murray, Deborah	Cooperative State Research Education and Extension	Mental Healthiness Aging Initiative (MHAI)	Family & Consumer Sciences	\$0
Nagy, Peter	National Science Foundation	Role of Host Hsp70 Chaperone Network in Plus-Strand RNA Virus Replication	RCTF-1-Plant Sciences-PlantPath	\$0

**Agriculture  
August 2007  
Proposal Submissions**

Obrycki, John	Animal and Plant Health Inspection Service	Survey and Educational Activities in Kentucky for the Emerald Ash Borer	Entomology	\$920,690
Overhults, Douglas	KY Poultry Federation	Poultry House Evaluation Service	Biosystems & Ag Eng	\$0
Palli, Subba	KY Office of Energy Policy	Expression of Microbial Enzymes for Conversion of Biomass	Entomology	\$81,570
Perry, Sharyn	National Science Foundation	Regulatory Networks Controlled by the MADS-factor AGL15 during Embryo Development	RCTF-1-Plant Sciences-Agronomy	\$169,232
Robbins, Lynn	KY Governor's Office of Agricultural Policy	KADB: Pilot Farm Management Cost-Share Program	Agr Economics	\$20,000
Rose, Michael	National Four H Council	Adair County 4-H After School Program	Area Extension Field Programs	\$37,500
Stamper, Charles	National Endowment for the Arts	Developing the Sense of Community in Eastern Kentucky through the Arts	Area Extension Field Programs	\$0
Stringer, Jeffrey	Forest Service	Silvicultural Prescriptions for Degraded Hardwood Stands	Forestry	\$7,500
Van Doren, Saratha	Risk Management Agency	Yield Loss Prediction Tool for Asian Soybean Rust - Continuation for Model Validation	Plant & Soil Sciences	\$34,238
Yuan, Ling	KY Office of Energy Policy	Value-added Utilization of Glycerol, a Byproduct of Biodiesel Production	Plant & Soil Sciences	\$0