

**Agriculture  
June 2008  
Proposal Submissions**

<b>Principal Investigator</b>	<b>Sponsor</b>	<b>Title</b>	<b>Department</b>	<b>Total Amount Requested</b>
Ashurst, Kerri	Kansas State University	Kentucky Operation: Military Kids	Family & Consumer Sciences	\$0
Chambers, Thomas	KY Horse Council	OIE Laboratory Surveillance for Equine Influenza and Equine Herpesvirus Disease	Veterinary Science	\$24,500
Colliver, Donald	KY Office of Energy Policy	Renewable Energy/Energy Efficiency (REEE) Program Support	Biosystems & Ag Eng	\$54,520
Conners, Terrance	University of Georgia	Forest Biomass Training for Kentucky	Forestry	\$17,000
Coolong, Timothy	University of Georgia	Developing a Training Program in Sustainable Vegetable Production for Extension Personnel in Kentucky and Tennessee	Horticulture	\$0
Cox, Nancy	KY Horse Racing Authority	Equine Medical Director	Assoc Dean Research/Director AES	\$487,425
Cox, Nancy	Agricultural Research Service	Improving Sustainability of Forage-Based Production	Assoc Dean Research/Director AES	\$873,493
Cushing, Tamara	KY Environmental and Public Protection Cabinet	Development of a Property Tax Assessment Guidelines for Woodland Owners in Kentucky	Forestry	\$24,100
D'Angelo, Elisa	University of Georgia	S. Lucas-SARE: Effects of organic amendments on aggregation and microbial community dynamics in soils	RCTF-1-Plant Sciences-Agronomy	\$10,000
D'Angelo, Elisa	University of Georgia	Fate, transport, and ecological effects of arsenic in agricultural soils amended with As-laden poultry litter	RCTF-1-Plant Sciences-Agronomy	\$10,000
Davis, Alison	Southern Rural Development Center	Healthy Food Insecurity in a Time of High Fuel Costs for Low-Income Households in Appalachia	Agr Economics	\$0
Dobson, Stephen	National Institute of Allergy and Infectious Diseases	Eradication of a Primary Filariasis Vector Population at an Endemic Field Site	Entomology	\$1,700,000
Fehr, Robert	KY Office of Energy Policy	Energy - A Cooperative Extension Program for Kentucky's Building Systems Energy Needs	Biosystems & Ag Eng	\$124,394
Fehr, Robert	KY Health Services Cabinet	Radon: Cooperative Extension Radon and Indoor Air Quality Education	Biosystems & Ag Eng	\$150,091
Fei, Songlin	KY Environmental and Public Protection Cabinet	Crosswalk and Develop GIS Mapping Applications and Accomplishment Monitoring Geospatial Database	Forestry	\$15,000

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Grabau, Larry	University of Georgia	New Organic Fertilizer Alternatives for Organic Small Grains	Plant & Soil Sciences	\$9,536
Hammons, Derrick	University of Georgia	Sustainable Management for Scarab Pests Impacting Grape Production in the Southern Region	Entomology	\$9,750
Hildebrand, David	Consortium for Plant Biotechnology Research Inc	Oilseeds as a Renewable Source of Epoxy Fatty Acids	Plant & Soil Sciences	\$70,108
Hu, Wuyang	University of Nevada	Enhancing Small-and-Medium Sized Farm Incomes on and near Native American Reservations in Nevada and Northern Arizona	Agr Economics	\$77,789
Hu, Wuyang	Cooperative State Research Education and Extension	Improving Small and Medium-Sized Farm Welfare through Access to Product Development and Market Research Tools	Agr Economics	\$295,487
Kurzynske, Janet	Cooperative State Research Education and Extension	Senior Food Safety Education and Awareness Program	Nutrition and Food Science	\$0
Lee, Chad	Iowa State University	Agronomic Limitations of Soybean Yield & Seed Quality in US	Plant & Soil Sciences	\$75,630
Matthews, James	Cooperative State Research Education and Extension	Age-Induced Alteration of Hepatic and Peripheral Tissue Glutamine Synthetase and Alanine Transaminase Activity in Lactating Beef Cows	Animal and Food Sciences	\$0
Meyer, Alphonse	KY Beef Network	Value-Added, Targeted Marketing of Feeder Cattle - Level II	Agr Economics	\$84,000
Mimbs, Cheryl	KY Department for Technical Education	Teacher Educators' Travel to Summer Conference	Family Studies	\$1,430
Mimbs, Cheryl	KY Department of Education	Teacher Educators' Professional Development Grant - FY 09	Family Studies	\$10,000
Nagy, Peter	National Institute of Health	Functional role of a host metabolic enzyme in viral replication	RCTF-1-Plant Sciences-PlantPath	\$0
Nagy, Peter	National Institute of Health	A host protein network drives the assembly of the viral replicase	RCTF-1-Plant Sciences-PlantPath	\$0
Obrycki, John	Department of Agriculture	Light Brown Apple Moth National Survey	Entomology	\$68,565
Obrycki, John	KY Environmental and Public Protection Cabinet	Hemlock Woolly Adelgid Sampling Surveys	Entomology	\$10,000
Palli, Subba	Consortium for Plant Biotechnology Research Inc	Ecdysone Receptor Gene Switch Regulated Expression of Microbial Enzymes Useful for Converting Cellulosic Biomass to Fermentable Sugars in Corn	Entomology	\$131,952

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Palli, Subba	Consortium for Plant Biotechnology Research Inc	Molecular Mechanisms of Synthetic Pyrethroid Resistance	Entomology	\$201,236
Palmer, Gary	KY Natural Resources Environmental Protection Cabinet	University of Kentucky Cooperative Extension Service Liaison	Agr Programs	\$45,301
Pescatore, Anthony	Alltech Biotechnology Inc	Post Doctoral Fellow Scholarship: Rossi	Animal and Food Sciences	\$103,425
Potter, Daniel	University of Georgia	Hammons - SARE: Sustainable Management for Scarab Pests Impacting Grape Production in the Southern Region	Entomology	\$0
Potter, Daniel	Dow AgroSciences	Evaluation of Transgenic Turfgrasses for Resistance to Root-Feeding White Grubs	Entomology	\$26,530
Purschwitz, Mark	National Institute of Occupational Safety and Health	Increasing Adoption of CROPS (Cost-Effective Rollover Protective Structures) by Farmers and Manufacturers	Biosystems & Ag Eng	\$10,000
Roseman, Mary	Southern Rural Development Center	Examining the Relationship between Overweight Status, Food Insecurity, and Diet Quality in Low-Income Children Receiving Food Stamps in the Rural South	Nutrition and Food Science	\$0
Saghaian, Sayed	Cooperative State Research Education and Extension	Knowledge and Use of Nutrition Information Labels and the Incidence of Adult Obesity in the Minority Population in the United States	Agr Economics	\$256,894
Shearer, Scott	Cooperative State Research Education and Extension	Precision Agriculture: Precision Resource Management Phase IV	Biosystems & Ag Eng	\$0
Smith, Samuel	Ceres Inc	Biomass Field Trials	Plant & Soil Sciences	\$150,889
Vail, Ann	KY Health Services Cabinet	Healthy Marriage Child Support Community Demonstration Program	Family Studies	\$225,882
Vail, Ann	KY Health Services Cabinet	Food Stamp Nutrition Education	Family & Consumer Sciences	\$2,049,662
Van Doren, Saratha	Cooperative State Research Education and Extension	Development of a Decision Support Tool for Mitigating the Economic and Environmental Impact of Soybean Rust on Soybean Production	Plant & Soil Sciences	\$1,000,000