

**Agriculture
April 2008
Proposal Submissions**

Principal Investigator	Sponsor	Title	Department	Total Amount Requested
Agouridis, Carmen	Cooperative State Research Education and Extension	Techniques for Improving Stream Corridor Function in Urban and Urban-Fringe Environments	Biosystems & Ag Eng	\$0
Bailey, William	Advanced Technologies Cambridge Ltd	Pilot Study into Reduction of TSNA in Cured Burley Leaf	Plant & Soil Sciences	\$6,000
Bessin, Ricardo	Monsanto Co	SMARTSTAX and YieldGard VT PRO Evaluations	Entomology	\$7,200
Carter, Craig	Cooperative State Research Education and Extension	Kentucky Statewide Food Animal Health Risk Surveillance and Disease Cluster Detection Initiative	Livestock Diag Disease Center	\$271,315
Coffey, Richard	KY Governor's Office of Agricultural Policy	Development and Implementation of a High-Rise Swine Manure Composting Production Facility	Animal and Food Sciences	\$25,000
Craycraft, Carla	University of Nebraska	The Transformation of Cooperative Extension	e-Extension	\$513,473
Cromwell, Gary	National Pork Board	Characteristics and Eating Quality of Bacon, Sausage, and Boneless Chops from Finishing Pigs Fed Medium and High Levels of Distillers Dried Grains with Solubles (DDGS)	Animal and Food Sciences	\$46,161
Cromwell, Gary	Department of Agriculture	Developing Nutrient Requirement and Feeding Guidelines	Animal and Food Sciences	\$0
Davies, H. Maelor	Inhibitrol Inc	A New Market for Small Farmers Through Tobacco Use as a Corrosion-Inhibitor for Road Salt	Ky Tobacco Research & Dev Center	\$74,000
Farman, Mark	National Science Foundation	Telomere Hypervariability in the Fungus, Magnaporthe Oryzae - A Model Plant Pathogen	Plant Pathology	\$0
Ghabrial, Said	University of Illinois	Construction of a DNA-Based Virus Induced Gene Silencing Tools for Functional Genomics of Soybeans	Plant Pathology	\$36,380
Hanley, Carol	KY Department of Education	Environmental Education at UK: Addendum	Tracy Farmer Cntr for the Environment	\$102,467
Hans, Jason	National Institute of Health	Posthumous Reproduction: An Experimental Survey to Assess Attitudes and Beliefs	Family Studies	\$0
Higgins, Stephen	University of Georgia	Collaboration: Nutrient Management Plan Implementation: What are the Impacts?	Biosystems & Ag Eng	\$0
Ingram, Dewayne	Cooperative State Research Education and Extension	New Crop Opportunities, Phase IX	Horticulture	\$531,333

**Agriculture
April 2008
Proposal Submissions**

Issel, Charles	University of Pittsburgh	Letter of Intent: EIAV Envelope Variation and Vaccine Efficacy	Veterinary Science	\$0
Kurtural, Sahap	Cornell University	Coordinated Wine Grape Variety Evaluations in the Eastern USA	Horticulture	\$2,270
Lacki, Michael	KY Department of Fish and Wildlife	Status, Distribution, and Reproductive Characteristics of River Otters in Kentucky	Forestry	\$245,393
Lawrence, Laurie	Cooperative Research Farms	Interactive Effects of Concentrate Starch and Soluble Fiber Levels on the Glucose and Insulin Responses of Horses	Animal and Food Sciences	\$41,472
Lhotka, John	Forest Service	Evaluating Seedling Development, Stand Structure, and Understory Microenvironment Six Growing Seasons Following Midstory Removal	Forestry	\$5,683
Murray, Deborah	Administration on Aging	Senior Medicare Patrol Projects	Family & Consumer Sciences	\$0
Obyrcki, John	Slow the Spread Foundation	Monitor Gypsy Moth Populations for Slow the Spread Program	Entomology	\$50,000
Payne, Frederick	National Institute for Hometown Security	Technology Optimization of a Milk Transport Security System	Biosystems & Ag Eng	\$1,175,480
Rasbery, Jeanne	National Institute of Health	Elucidation of Plant Sesquiterpene Hydroxylase Specificity	Plant & Soil Sciences	\$141,318
Rieske-Kinney, Lynne	BAT Conservation International	Dodd Scholarship: Application of Molecular Techniques for Detection of Prey of Insectivorous Bats	Entomology	\$3,000
Schardl, Christopher	Cooperative State Research Education and Extension	Advanced Genetic Technologies	Plant Pathology	\$0
Slack, Charles	Monsanto Co	Dicamba Tolerant Soybeans--Weed Control	Plant & Soil Sciences	\$0
Tietyen, Janet	Foundation for a Healthy KY	Now Hear This: Media Advocacy for a Healthy Kentucky	Nutrition and Food Science	\$0
Unrine, Jason	Environmental Protection Agency	The Fate and Effects of Nanosized Metal Particles Along a Simulated Terrestrial Food Chain Investigated Using Genomic and Microspectroscopic Techniques	Plant & Soil Sciences	\$322,954
Vail, Ann	Cooperative State Research Education and Extension	Health Education Leadership	School of Human Envir Sciences - Admin	\$0
Williams, David	South Dakota State University	Regional Biomass Feedstock Partnership	Plant & Soil Sciences	\$63,000

**Agriculture
April 2008
Proposal Submissions**

Workman, Stephen	Department of Education	Food, Fiber, and Energy Production: Developing an International Undergraduate Engineering Curriculum	Biosystems & Ag Eng	\$220,000
------------------	-------------------------	--	---------------------	-----------