

**Agriculture
May 2009
Proposal Submissions**

Principal Investigator	Sponsor	Title	Department	Total Amount Requested
Ashurst, Kerri	Kansas State University	Kentucky Operation: Military Kids	Family & Consumer Sciences	\$100,000
Bertsch, Paul	University of Chicago	Synchotron X-ray Microprobe and Microspectroscopy Research in Low Temperature Geochemistry	Plant & Soil Sciences	\$128,600
Bullock, Kevin	Cornell University	National Beef Cattle Evaluation Consortium	Animal and Food Sciences	\$47,500
Carter, Craig	KY Department of Fish and Wildlife	Diagnostic Services for KY Dept of Fish and Wildlife	Livestock Diag Disease Center	\$5,000
Chambers, Thomas	Intervet Inc	In Vivo Testing of Foals and Controls	Veterinary Science	\$0
Chappell, Joseph	National Institute of Health	Production of Terpene Natural Products and Structural Diversification	Plant & Soil Sciences	\$0
Fehr, Robert	KY Energy and Environment Cabinet	Energy - A Cooperative Extension Program for Kentucky's Building Systems Energy Needs 2009-2010	Biosystems & Ag Eng	\$124,206
Fei, Songlin	American Chestnut Foundation	The Appalachian Trail MEGA - Transect Project: A Citizen Science Approach to Studying Distribution of American Chestnut	Forestry	\$6,500
Furby, Melony	Appalachian Regional Commission	Youth E-Discovery Challenge	Community & Leadership Devel	\$0
Harwood, James	Washington State University	Area-Wide Management of Potato Pests (AMPP) in the Pacific Northwest	Entomology	\$424,696
Hennig, Bernhard	National Institute of Environmental Health Sciences	ARRA: Nutrition and Superfund Chemical Toxicity, Administrative Supplement	Animal and Food Sciences	\$1,104,924
Husband, Andrea	Cooperative State Research Education and Extension	Enhancing the EDEN Strengthening Community Agrosecurity Planning (S-CAP) Project	Agr Programs	\$180,076
Hutchens, Terry	University of Illinois	Enhancing the Success of Meat Goat and Hair Sheep Beginning Farmers Via Hands-on-Teching, Mentoring, and Interactive Course Delivery System	Animal and Food Sciences	\$6,000
Ingram, Dewayne	Cooperative State Research Education and Extension	New Crop Opportunities, Phase IX	Horticulture	\$489,451
Lee, Brad	Texas A&M University	2008 Southern Regional Water Resource Project	Plant & Soil Sciences	\$45,181

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Lee, Chad	United Sorghum Checkoff Program	A Regional Grain Sorghum Management Guide for Mid-South States	Plant & Soil Sciences	\$0
Lee, Chad	Iowa State University	Agronomic Limitations of Soybean Yield and Seed Quality in the U.S. Year 3	Plant & Soil Sciences	\$77,175
Lhotka, John	Department of Agriculture	CSREES: Forest harvesting for renewable bioenergy in the Central Hardwood Region: Impacts to forest ecosystem services and social barriers to implementation	Forestry	\$499,208
MacLeod, James	University of Minnesota	Genes and Genetic Mechanisms Modulating Maturation and Repair of Articular Cartilage and Responses to Intra-Articular Glucocorticoid Therapy	Veterinary Science	\$33,000
Meyer, Alphonse	Cooperative State Research Education and Extension	A Common Field: A Whole Farm Management Education Program for Beginning Farmers	Agr Economics	\$749,883
Montross, Michael	Department of Energy	Universal High Volume Supply System for Biomass Harvest, Size Reduction and Densification	Biosystems & Ag Eng	\$3,864,986
Murray, Deborah	Morehead State University	Rural Health Care Services Outreach and Rural Health Network Development Program	Family & Consumer Sciences	\$10,000
Obrycki, John	Animal and Plant Health Inspection Service	Emerald Ash Borer Survey and Outreach in Kentucky	Entomology	\$708,602
Obrycki, John	Animal and Plant Health Inspection Service	Light Brown Apple Moth (LBAM) National Survey	Entomology	\$44,935
Palli, Subba	National Science Foundation	20-Hydroxyecdysone Suppression of Juvenile Hormone Response	Entomology	\$449,998
Pearce, Robert	Burley Tobacco Growers Cooperative Association Inc	Improved Methods for the Application of Contact and Local Systemic Suckercides to Burley Tobacco	Plant & Soil Sciences	\$20,000
Perry, Sharyn	Department of Agriculture	Gene Regulation Controlled by the MADS-Factor GmAGL15 during Glycine Max Embryogenesis	RCTF-1-Plant Sciences-Agronomy	\$348,205
Pescatore, Anthony	Department of Agriculture	Use of Natural Remedies to Alleviate Enteric Pathogens in Organic Poultry	Animal and Food Sciences	\$374,892
Schardl, Christopher	Cooperative State Research Education and Extension	Advanced Genetic Technologies, KY	Plant Pathology	\$421,394
Slack, Charles	Monsanto Co	Formulation Testing of Encapsulated Acetochlor in Soybeans - Service Order No. 8	Plant & Soil Sciences	\$1,200
Slack, Charles	Monsanto Co	Encapsulated Acetochlor in Soybeans EUP Academic - Service Order No. 7	Plant & Soil Sciences	\$4,800

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Smalle, Jan	Northwestern University	ARRA: Flavonoid Nanoconjugates for Cancer Therapy	Plant & Soil Sciences	\$0
Tang, Guiliang	University of Wisconsin	Developmental Timing of the Juvenile to Adult Transition in Maize	Plant & Soil Sciences	\$0
Tang, Guiliang	Department of Agriculture	Role of miR164 in Tomato Fruit Ripening	Plant & Soil Sciences	\$0
Vail, Ann	Cooperative State Research Education and Extension	Statewide Cooperative Extension Health Intervention Program Addressing the Poor Health Status of Kentuckians through Collaboration with Academic Health Colleges	School of Human Envir Sciences - Admin	\$0
Van Doren, Saratha	Department of Agriculture	Dissection of the Soybean Flowering Genes using E Gene near Isogenic Lines	Plant & Soil Sciences	\$0
Werner-Wilson, Ronald	Horses and Humans Research Fdtn	Investigation of Horse-Human Bond	Family Studies	\$0
Werner-Wilson, Ronald	National Institute of Health	Investigation of a Relationship Enhancement Intervention on Post-Deployed Veterans and Their Families	Family Studies	\$0
Werner-Wilson, Ronald	Horses and Humans Research Fdtn	Does Participating in an Equine Facilitated Program Influence Psychosocial Functioning?	Family Studies	\$0
Wilhoit, John	Sea Box Inc	Letter of Intent: Rack System for Handling Herbaceous Biomass	Biosystems & Ag Eng	\$128,151
Wood, Nathan	Bowling Green State University	Cultivating Healthy Couple Relationships: An Evaluation of a Specialized Relationship Curriculum for African American College Women	Family Studies	\$0
Woods, Timothy	University of Illinois	Letter of Intent: Building Commerical Readiness of, and Market Access for, Small and Mid- Sized Farmers through MarketMaker	Agr Economics	\$0