

Agriculture
May 2007
Proposal Submissions

Principal Investigator	Sponsor	Title	Department	Total Amount Requested
Arthur, Mary	Forest Service	Fire and New Oak Seedlings	Forestry	\$16,000
Crofcheck, Czarena	University of Tennessee	On-site Thermochemical Densification of Biomass	Biosystems & Ag Eng	\$0
Fehr, Robert	KY Health Services Cabinet	Cooperative Extension Radon and Indoor Air Quality Education	Biosystems & Ag Eng	\$105,000
Fei, Songlin	Forest Service	Spread of Hemlock Woolly Adelgid in Kentucky	Forestry	\$30,000
Gaetke, Lisa	National Cattlemens Beef Association	Zinc Absorption and the Meat Factor	Nutrition and Food Science	\$28,000
Gates, Richard	Virginia Polytechnic Institute and State University	Development and Evaluation of a Biodegradable Litter Amendment to Mitigate Ammonia emissions From Broiler Houses	Biosystems & Ag Eng	\$38,113
Gates, Richard	Purdue University	Fan Assessment Numeration Systems (FANS) for Agricultural Building Ventilation Measurement in Emissions Testing	Biosystems & Ag Eng	\$60,000
Hanley, Carol	KY Office of Energy Policy	Exploring Energy with Kentucky Teachers	Tracy Farmer Cntr for the Environment	\$24,900
Hanley, Carol	National Science Foundation	Information Technology through Community Based Natural Resources Program for Students and Teachers	Tracy Farmer Cntr for the Environment	\$1,050,104
Haynes, Kenneth	Bayer CropScience GmbH	Isolation and indentification of chemical compounds from volatiles emitted by bed bugs: their role in natural aggregations and their utility in monitoring populations	Entomology	\$130,000
Henning, Jimmy	University of Georgia	Helpint Professionals, Paraprofessionals, Agencies, and Producers to Better Understand Sustainable Alternatives to Tobacco	Agr Programs	\$0
Henning, Jimmy	University of Georgia	Enhanced Model State Program: Better Understanding Sustainable Alternatives to Tobacco	Agr Programs	\$4,000
Henning, Jimmy	University of Georgia	Training Program - Southern Region Sustainable Agriculture Research and Education (SARE) Professional Development Program (PDP) Model State Plan	Agr Programs	\$10,000
Higgins, Stephen	Natural Resources Conservation Service	Programmable Controls for Solid-Liquid Settling Basins	Biosystems & Ag Eng	\$104,286

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Higgins, Stephen	KY Natural Resources Environmental Protection Cabinet	Cane Run and Royal Spring Watershed Based Plan Implementation Project	Biosystems & Ag Eng	\$0
Hill, Deborah	Forest Service	Planting appropriately sized trees and shrubs under utility lines	Forestry	\$0
Lacki, Michael	KY Department of Fish and Wildlife	Status, distribution, and reproductive characteristics of river otters in Kentucky	Forestry	\$196,690
McMurry, Stephen	Food and Drug Administration	Medicated Feed Mill and BSE Rule Inspections	Regulatory Services	\$0
Nokes, Sue	University of Tennessee	Bacterial adaptations for enhanced cellulose utilization: a systems approach	Biosystems & Ag Eng	\$0
Seebold, Kenneth	North Carolina State University	Investigating the Race Structure and Population Biology of the Tobacco Black Shank Pathogen, <i>Phytophthora nicotianae</i>	Plant Pathology	\$3,700
Shearer, Scott	Natural Resources Conservation Service	Spray Nozzle Control for Preservation of Vegetated Conservation Features	Biosystems & Ag Eng	\$0
Stivers, Wendy	Kansas State University	2008 Operation Military Kids - Surge	4-H Central Operations	\$12,549
Vaillancourt, Lisa	University of Tennessee	The potential use of corn stalk rot fungi for ethanol production from corn stover silage	Plant Pathology	\$0
VanSanford, David	Cooperative State Research Education and Extension	Wheat CAP Grant	Plant & Soil Sciences	\$3,000
Workman, Stephen	Environmental Protection Agency	Cane Run and Royal Spring Watershed Based Plan Project	Biosystems & Ag Eng	\$535,786
Workman, Stephen	Environmental Protection Agency	Can Run and Royal Spring Watershed Based Implementation Project	Biosystems & Ag Eng	\$608,032