

**Agriculture
September 2010
Proposal Submissions**

Principal Investigator	Sponsor	Title	Department	Total Amount Requested
Amaral-Phillips, Donna	University of Maryland at College Park	Development of an Integrated Food Safety System for the Control of Shiga Toxin-Producing Pathogens Associated with Production of Meat and Other Foods from Dairy Cows	Animal and Food Sciences	\$131,885
Balasuriya, Udeni	Grayson Jockey Club Research Foundation Inc	Genetic Basis of Attenuation of the T953 Strain of EHV-1	Veterinary Science	\$141,295
Bertsch, Paul	National Institute of Food and Agriculture	Southeast Sustainable Bioenergy Coordinated Agricultural Project: Toward Sustainable Bioenergy Production Systems in the Soueast U.S.	Plant & Soil Sciences	\$44,995,846
Chappell, Joseph	National Institute of Food and Agriculture	Innovation, Infrastructure and Human Capital Development for Commercializing Algal Biofuels and Biomaterials in Southeastern U.S.A.	Plant & Soil Sciences	\$44,896,176
Cox, Nancy	KY Council on Postsecondary Education	Equine Trust Fund	Assoc Dean Research/Director AES	\$110,000
Coyne, Mark	National Science Foundation	Biochar and Soil Quality - A New Approach to Improve Soil Fertility Management and Livelihoods of Small Landholders	Plant & Soil Sciences	\$0
DeBolt, Seth	Cornell University	Defining determinants and dynamics and cellulose microfibril biosynthesis, assembly and degradation	Horticulture	\$487,561
Horohov, David	Grayson Jockey Club Research Foundation Inc	Immunity and Susceptibility to Lawsonia Intracellularis	Veterinary Science	\$113,530
Karathanasis, Anastasios	Natural Resources Conservation Service	Distinguishing Indigenous P Level Effects on Soil and Water Quality Characteristics of Inner and Outer Bluegrass Soils in Kentucky	Plant & Soil Sciences	\$23,500
Lee, Chad	KY Corn Promotion Council	Comparing Corn Systems in Wide and Narrow Rows	Plant & Soil Sciences	\$35,000
Lee, Min-Young	University of Georgia	Adopting Web 2.0 Social Networks for Marketing and Distribution Channels for Farmers and Food Buyers (SARE)	Merchandising, Apparel & Textiles	\$10,000
McNear, David	National Institute of Food and Agriculture	Influence of Tall Fescue Cultivar and Endophyte Genotype Combinations on Root System Architecture, Exudate Composition and Soil Biogeochemical Processes	Plant & Soil Sciences	\$265,507
McNeill, Samuel	Foreign Agricultural Service	Reducing Post-Harvest Grain Losses in Ghana	Biosystems & Ag Eng	\$47,368
Palli, Subba	National Institute of Food and Agriculture	Nuclear Receptors of the Colorado Potato Beetle: An Avenue for Insecticide Resistance Research	Entomology	\$130,000
Pescatore, Anthony	University of Nebraska	Establishing a New CoP-Small, Medium-Sized and Backyard Poultry Flocks	Animal and Food Sciences	\$60,000

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Reed, Michael	Foreign Agricultural Service	Iraqi Scholarship Program in Agricultural Economics	International Programs	\$1,203,549
Swanson, Jason		Abraham Lincoln National Heritage Area	Nutrition and Food Science	\$11,193
Urschel, Kristine	Grayson Jockey Club Research Foundation Inc	Developmental Changes in Equine Skeletal Muscle	Animal and Food Sciences	\$97,117
Vail, Ann	KY Cabinet for Health and Family Services	Supplemental Nutrition Assistance Program-Education (SNAP-Ed) 2011	Family & Consumer Sciences	\$2,475,573
Williams, David	University of Illinois	Perennial Grass Bioenergy Systems-CAP (PGBS-CAP): Achieving Sustainable Bioenergy Systems for the Central, South Central and Southeast Region using Perennial Grasses	Plant & Soil Sciences	\$1,251,552
Zhou, Xuguo	National Science Foundation	Discovery of Novel Biocatalysts for Lignocellulosic Biomass Conversion in the Wood-feeding Cockroach	Entomology	\$612,916