

**Agriculture
October 2010
Proposal Submissions**

Principal Investigator	Sponsor	Title	Department	Total Amount Requested
Balasuriya, Udeni	Grayson Jockey Club Research Foundation Inc	Improved Microsphere Immunoassay for Diagnosis of EVA	Veterinary Science	\$15,000
Chambers, Thomas	Grayson Jockey Club Research Foundation Inc	Equine Herpesvirus-1 and the Type 1-Interferon Response	Veterinary Science	\$37,236
Chappell, Joseph	National Institute of General Medical Sciences	ARRA: Advancing Drug Development in Medicinal Plants using Transcriptomics and Metabolomics	Plant & Soil Sciences	\$6,000,000
Colliver, Donald	KY Energy and Environment Cabinet	Design Professionals Code Expertise Development - Energy Code Training	Biosystems & Ag Eng	\$131,225
Coolong, Timothy	National Institute of Food and Agriculture	IPM in Kentucky: Integrated Development and Delivery	Horticulture	\$280,935
Cox, Nancy	Agricultural Research Service	Acquisition of Goods and Services for USDA Offices in Ag North - 2010-2011	Assoc Dean Research/Director AES	\$42,956
Dunwell, Winston	National Institute of Food and Agriculture	IPM in Kentucky: Integrated Development and Delivery	Horticulture	\$280,935
Hargrove, Ryan	NEA Fdn	Rethinking General Education Courses: Assessing a Transdisciplinary Approach to Creative Skill Development	Landscape Architecture	\$2,000
Houtz, Robert	National Institute of Health	Exploring the Significance of Post-Translational Methylation of Calmodulin	Horticulture	\$800,000
Kajita, Yukie	National Institute of Food and Agriculture	Population Genetics of an Introduced Predatory Beetle, <i>Coccinella septempunctata</i> (Coleoptera: Coccinellidae)	Entomology	\$129,480
Kurzynske, Janet	Department of Agriculture	Children, Youth and Families at Risk Liaison	Nutrition and Food Science	\$75,000
Lee, Chad	University of Minnesota	Agronomic Limitations of Soybean Yield and Seed Quality in U.S. (Year 3)	Plant & Soil Sciences	\$77,000
Littleton, John	Naprogenix	New Insecticides for Malaria Control: Discovery Research for the Identification of New Chemical Entities for Vector Control of Malaria	Ky Tobacco Research & Dev Center	\$0
Moe, Luke	KY Water Resources Research Institute	Metagenomic Analysis of Microbial Urea Transformation in Soil	Plant & Soil Sciences	\$5,000
Montross, Michael	Oak Ridge National Laboratory	Quantifying Field Drying Rate Potential for Herbaceous Energy Crops	Biosystems & Ag Eng	\$25,000
Mullins, Janet	University of Louisville	A Family Centered Intervention Program for Adolescents with Metabolic Syndrome	Nutrition and Food Science	\$15,091

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Murdock, Lloyd	National Institute of Food and Agriculture	IPM in Kentucky: Integrated Development and Delivery	Plant & Soil Sciences	\$280,935
Nagy, Peter	National Institute of Health	Mechanism of inhibition of +RNA virus replication by cyclophilins	RCTF-1-Plant Sciences-PlantPath	\$382,250
Stringer, Jeffrey	KY Department of Fish and Wildlife	Forest Management Assistance on State Wildlife Management Areas and Private Lands Technical Assistance	Forestry	\$15,000
Troedsson, Mats	Grayson Jockey Club Research Foundation Inc	Ultrastructure of Cilia in Mares with Delayed Uterine Clearance	Veterinary Science	\$29,901