

**Agriculture
October 2012
Proposal Submissions**

Principal Investigator	Department	Sponsor	Title	Total Amount Requested
Cox, Nancy	Assoc Dean Research/Director AES	Agricultural Research Service	2012-13 Acquisition of Goods & Services for USDA Offices in Ag North--O&M Account	\$9,433
Cox, Nancy	Assoc Dean Research/Director AES	Agricultural Research Service	2012-13 Acquisition of Goods & Services for USDA Offices in Ag North--Field Work	\$6,925
Kusunose, Yoko	Agr Economics	National Science Foundation	Assessing poverty dynamics in an arid agrarian context	\$203,967
Skees, Jerry	Agr Economics	Purdue University	U.S. Borlaug Fellows in Global Food Security: A FTF 21st Century Borlaug Leadership Program (Launching Climate Risk Index Futures and Options Markets)	\$7,177
Woods, Timothy	Agr Economics	University of Arkansas	Evaluating the Economic Impact of MarketReady	\$10,042
Colliver, Donald	Biosystems & Ag Eng	KY Energy and Environment Cabinet	Installation of Photovoltaic Electrical Generation in County Cooperative Extension Offices	\$537,654
Colliver, Donald	Biosystems & Ag Eng	Southern Tier Housing Corporation	Design and Evaluation of Economical Energy Efficient Housing-HBEER	\$42,871
Montross, Michael	Biosystems & Ag Eng	KY Energy and Environment Cabinet	Evaluation of biomass cropping systems for co-firing applications	\$1,367,855
Bertsch, Paul	Plant & Soil Sciences	Duke University	Renewal-Center for the Environmental Implications of Nanotechnology	\$750,000
Chappell, Joseph	Plant & Soil Sciences	Pennsylvania State University	EFRI-PSBR Preliminary Proposal: Algae as a Biochemical Feedstock Production Platform	\$540,866
Hildebrand, David	Plant & Soil Sciences	Kentucky Small Grain Growers Association	Establishing Salvia hispanica as a Sustainable Grain Crop for KY Farmers	\$10,000
Murdock, Lloyd	Plant & Soil Sciences	Kentucky Corn Growers Association	Corn Growers Fragipan Remediation	\$35,000
Murdock, Lloyd	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Soybean Fragipan Remediation	\$35,000
Murdock, Lloyd	Plant & Soil Sciences	Kentucky Small Grain Growers Association	Small Grain Fragipan Remediation	\$13,888

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Van Sanford, David	Plant & Soil Sciences	National Oceanic and Atmospheric Administration	Developing and Delivering Useful Climate Information and Decision Support Tools for Kentucky Agriculture: Preparing for Extreme Events	\$98,580
Amaral-Phillips, Donna	Animal and Food Sciences	University of Tennessee	Southeast Quality Milk Initiative: Implementing Science-Based Recommendations in the Field	\$93,730
Rieske-Kinney, Lynne	Entomology	Northern Nut Growers Association	Recruitment of Natural Enemies Mitigates Impacts of the Asian Chestnut Gall Wasp	\$5,555
Vincelli, Paul	Plant Pathology	Kentucky Association for Environmental Education	A National Forum Entitled, "Exploring Underrepresented Conservation Viewpoints on Climate Change"	\$4,195
Ball, Barry	Veterinary Science	Grayson Jockey Club Research Foundation Inc	Equine Placentitis-diagnostic approach and pathogenesis	\$15,000
Horohov, David	Veterinary Science	Grayson Jockey Club Research Foundation Inc	Use of recombinant proteins to identify antibody responses associated with equine proliferative enteropathy.	\$15,000
MacLeod, James	Veterinary Science	KY Horse Racing Commission	Safety and Anti-inflammatory Efficacy of Glucocorticoids for Intra-articular Therapy in Racehorses	\$24,992
Swerczek, Thomas	Veterinary Science	Grayson Jockey Club Research Foundation Inc	Musculoskeletal abnormalities in foals	\$58,913
Hargrove, Ryan	Landscape Architecture	TKF Foundation	Healing Land and Community: Breaking Barriers Through Nature, Arts, and Music	\$3,287,743
Ashurst, Kerri	Family & Consumer Sciences	Purdue University	Kentucky Military-Extension Adventure Camp Initiative	\$200,000
Webber, Kelly	Nutrition and Food Science	National Institute of Health	Enhancing Internet behavioral weight loss programs with portion controlled foods	\$1,801,819