

**Agriculture
February 2014
Proposal Submissions**

Principal Investigator	Department	Sponsor	Title	Total Amount Requested
Agouridis, Carmen	Biosystems & Ag Eng	National Fish and Wildlife Foundation	Unnamed Tributary (UT) to Cane Run Stream, Riparian and Wetlands Restoration Project and Outdoor Classroom	\$23,821
Amaral-Phillips, donna	Animal and Food Sciences	University of Nebraska	DAIREXNET Leadership Funds	\$10,000
Baker, Terrell	Forestry	US Department of Agriculture	Forest Health & Research Education Center	\$360,000
Bewley, Jeffrey	Animal and Food Sciences	Alltech Biotechnology Inc	Effects of Feeding Alltech SP1 to Lactating Dairy Cattle	\$3,360
Brown, Grayson	Entomology	KY Department for Public Health	FY 13-14 UK Mosquito Surveillance	\$10,260
Brown, Grayson	Entomology	KY Department for Public Health	FY 15-16 UK Mosquito Surveillance	\$20,000
Carter, Craig	Veterinary Diagnostic Laboratory	National Institute for Hometown Security	Use of Ear Tags for Early Disease Detection in Cattle	\$250,000
Goff, Ben	Plant & Soil Sciences	Koch Agronomic Services LLC	Enhanced Efficiency Nitrogen Fertilizers on the Production and Nutritive Value of Bermudagrass Pastures	\$5,490
Grove, John	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Raising Soybean Yield Potential in Dry Seasons: Increased Rooting Depth and Greater Soil Water Extraction with Deeper Depth to the Fragipan	\$35,000
Hildebrand, David	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Soybean Oil as a High Value Fuel Cell Energy Source & Lubricant	\$58,634
Horohov, David	Veterinary Science	University Court of the University of Edinburgh	Immunogenicity and safety of RplB vaccine in adult horse.	\$13,718
Hunter, Jennifer	Family Studies	University of Florida	CFPB: Bridges to Financial Security	\$1,493,558
Ingram, Dewayne	Horticulture	Horticultural Research Institute	Greenhouse Gas Emissions (Carbon Footprint) and Associated costs of Tree Production Components in a Pot-in-Pot (PNP) System	\$15,000
Kim, Hyungsoo	Family Studies	TIAA-CREF	A Noncognitive, Motivational Intervention to Improve Retirement Savings	\$98,341

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Knott, Carrie	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Improving Soybean Yields with Crop Rotation	\$34,928
Kurzynske, Janet	Dietetics and Human Nutrition	National Institute of Food and Agriculture	Strong Dads, Resilient Families	\$145,000
Lee, Chad	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Reducing Soybean Stress to Increase Yield	\$49,528
Lensing, Janet	Entomology	Animal and Plant Health Inspection Service	Asian Longhorned Beetle (ALB) Outreach in Kentucky	\$37,500
Lensing, Janet	Entomology	Animal and Plant Health Inspection Service	Thousand Cankers Disease Survey	\$17,972
Lensing, Janet	Entomology	Animal and Plant Health Inspection Service	Phythophthora ramorum Nursery Survey	\$25,106
Lensing, Janet	Entomology	Animal and Plant Health Inspection Service	Orchard Commodity Survey	\$8,000
Lensing, Janet	Entomology	Animal and Plant Health Inspection Service	Grape Commodity Survey	\$7,500
Mark, Tyler	Agr Economics	Louisiana State University	A Regional Program for Production of Multiple Agricultural Feedstocks and Processing to Biofuels and Biobased Chemicals	\$49,479
Mark, Tyler	Agr Economics	Eastern KY University	Low Cost Biomass Saccharification Process for Processing Biofuels	\$9,694
Montross, Michael	Biosystems & Ag Eng	National Institute of Food and Agriculture	Forage and Resource Management Tool for Beef Producers Implementing Rotational Grazing	\$149,952
Murdock, Lloyd	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Fragipan Remediation Soybean	\$35,000
Nagy, Peter	RCTF-1-Plant Sciences-PlantPath	National Institute of Allergy and Infectious Diseases	Mechanism of inhibition of RNA virus replication by host TPR-domain proteins	\$385,000
Nagy, Peter	RCTF-1-Plant Sciences-PlantPath	National Institute of Allergy and Infectious Diseases	Blocking RNA virus replication through allosteric inhibitors of cellular Hsp70s	\$385,000
Naugle, Lottie	Small Business Development Center SBDC	Rural Development	Economic Gardening	\$46,615

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Palli, Subba	Entomology	Iowa State University	Mechanisms of RNA interference	\$120,000
Pescatore, Anthony	Animal and Food Sciences	University of Nebraska	Small and Backyard Flocks CoP Support Funds 2014	\$10,000
Ritchey, Edwin	Plant & Soil Sciences	Kentucky Soybean Promotion Board	An Integrated approach to understanding the dynamics of poultry litter use	\$35,000
Tanaka, Keiko	Community & Leadership Devel	Economic Research Service	Food Insecurity, SNAP and Obesity Revisited: The Complex Relationship between Fundamental Causes and Health Outcomes	\$39,982
Unrine, Jason	Plant & Soil Sciences	National Science Foundation	Characterization of Environmental Transformation, Exposure from Sediment, and Toxicity (E-TEST) for ZnO Nanomaterials in Natural Systems	\$150,631
Warner, Richard	Biosystems & Ag Eng	US Geological Survey	Engineering hydrologic flowpaths to maintain streamwater chemistry during surface coal mining and valley fill projects	\$174,541
Yuan, Ling	Kentucky Tobacco Research & Dev Ctr	National Institute of Food and Agriculture	The Function of WRKY Transcription Factors in the Regulation of Terpene Indole Alkaloids	\$79,000