

**Agriculture
February 2017
Proposal Submissions**

Principal Investigator	Department	Sponsor	Title	Total Amount Requested
Bennett, Allen	Research	Agricultural Research Service	2016-17 Acquisition of Goods & Services for the USDA Offices in Ag North	\$11,100
Zheng, Yuqing	Agr Economics	National Institute of Health	Consumer Preferences for E-Cigarette Attributes: Big Data Analytics Using Homescan Data with Policy Simulations	\$150,000
Adedeji, Akinbode	Biosystems & Ag Eng	Environmental Protection Agency	Harnessing Wind Energy to Improve Grain Safety From Aflatoxin	\$14,956
Dvorak, Joseph	Biosystems & Ag Eng	National Science Foundation	NRI: INT: Accessing the Tradeoffs in Quality, Timeliness and Economics between Unmanned Aerial and Ground Platforms in Crop Monitoring	\$628,393
Ford, William	Biosystems & Ag Eng	National Science Foundation	RIP Track-4: Building Infrastructure for Phosphorus Research in Karst Landscapes: Collaboration with the U.S Geological Survey-Menlo Park Laboratory	\$226,578
Knott, Carrie	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Comprehensive Soybean Guide Publication Cost	\$0
Lee, Brad	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Blue Water Farms: Edge-of-Field Monitoring in Kentucky Soils	\$206,183
Smith, Samuel	Plant & Soil Sciences	University of Tennessee	Improved Drouhgt Resiliency and Production Efficiency for Grasslands Agriculture	\$380,796
Lensing, Janet	Entomology	Animal and Plant Health Inspection Service	Imported Fire Ant Survey	\$3,783
Obrycki, John	Entomology	National Institute of Food and Agriculture	Enhancing the Adoption of Biological Control for Arthropod Pest Management in High Tunnel Production Systems	\$50,000
Potter, Daniel	Entomology	Horticultural Research Institute	Assessing Bee Attractiveness of Woody Landscape Plants and Mitigating Potential Bee Hazard from Neonicotinoid Insecticides	\$26,000
Villanueva, Raul	Entomology	KY Department of Agriculture	Studies on Ambrosia Beetles Affecting Nursery Crops and Fruit Trees in Kentucky	\$33,564
Crocker, Ellen	Forestry	KY Energy and Environment Cabinet	Oak Genetic Improvement Program	\$200,000
Springer, Matthew	Forestry	Kentucky Soybean Promotion Board	Quantifying White-tailed Deer Damage to Soybean Yields in Kentucky	\$13,647

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Dunwell, Winston	Horticulture	KY Department of Agriculture	Blueberry Soil Moisture Irrigation Control	\$20,290
Schardl, Christopher	Plant Pathology	National Science Foundation	Dimensions US-China: Collaborative Research: Phylogenetic Breadth, Genetic Diversity and Functions of Seed-Transmitted Fungal Endophytes	\$835,226
Stephenson, Tammy	Dietetics and Human Nutrition	AARP Andrus Foundation	Fostering- Evidence-Based Interventions to Increase Food Security for Older Adults: The Campus Kitchens Project	\$50,000