

**Agriculture
May 2015
Proposal Submissions**

Principal Investigator	Department	Sponsor	Title	Total Amount Requested
Abbott, Albert	Forestry	Pennsylvania State University	Landscape Genomics of Responses to Environmental Stress and Management Activities in Oak-Dominated Forests	\$983,204
Amaral-Phillips, Donna	Animal and Food Sciences	Mississippi State University	Enhancement of feed efficiency and performance of dairy heifers by increased management of nutrition and genomics	\$142,265
Arthur, Mary	Forestry	Forest Service	Daniel Boone National Forest and Triplett Creek Landscape Restoration Partnership	\$45,000
Batte, Marvin	Agr Economics	Agricultural Marketing Service	Growing Local Food Demand: Evaluating the Kentucky Restaurant Rewards Program	\$102,769
Cassady, Christy	Horticulture	KY Department of Agriculture	Developing Specialty Crop Resources to Aid Farmers Seeking to Diversify	\$28,206
Contreras, Marco	Forestry	KY Energy and Environment Cabinet	Support for the 38th Meeting of the Council on Forest Engineering	\$2,500
Davis, Alison	Agr Economics	University of Georgia	The Role of Social Capital in Building Vibrant Local Food Systems -- SARE	\$35,000
Davis, Alison	Agr Economics	Rural Development	Community Business Resilience Program	\$42,984
Dvorak, Joseph	Biosystems & Ag Eng	KY Department of Agriculture	Specialty Crop: Low-cost Autonomous Sprayer for Specialty Crops	\$49,519
Easter, Elizabeth	Merchandising, Apparel & Textiles	Fire Protection Research Foundation	Evaluating Used Firefighter's Turnout Gear to determine the level and hazards of soils and/or contaminants.	\$80,000
Fehr, Robert	Biosystems & Ag Eng	KY Energy and Environment Cabinet	Kentucky Energy Education and Outreach Project	\$100,000
Goff, Ben	Plant & Soil Sciences	Southern Sustainable Agriculture Research	Enhanced Efficiency Nitrogen Fertilizer Formulation Effect on Pasture Productivity: Impact on Forage Yield, Quality, and Clover Persistence in Mixed Species Forage Systems.	\$10,926
Green, Jonathan	Plant & Soil Sciences	Purdue University	USB Multistate Herbicide Resistant Crops and Weeds	\$25,000
Gumbert, Amanda	Agr Programs	KY Energy and Environment Cabinet	University of Kentucky Cooperative Extension Service (UK-CES) Liaison	\$90,000

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Harrison, Glen	Regulatory Services	Food and Drug Administration	BSE Rule and Medicated Feed Inspections	\$46,469
Hildebrand, David	Plant & Soil Sciences	National Science Foundation	Metabolomics of storage oil and protein accumulation in plants	\$645,527
Jacobsen, Krista	Horticulture	University of Georgia	Covers Crops Under Cover: Evaluating Costs, Benefits, and Ecosystem Services of Cover Crops in Year-Round High Tunnel Production Systems	\$216,315
Kim, Hyungsoo	Family Studies	Russell Sage Foundation	A Behavioral Economics-based Intervention to Improve Retirement Savings	\$50,723
Knott, Carrie	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Applied and Basic Irrigation Research Projects Proposed for UKREC, Princeton	\$0
Lee, Chad	Plant & Soil Sciences	Monsanto Co	2015-SOYB_OPS LCM USA SO16	\$3,780
Lee, Chad	Plant & Soil Sciences	Monsanto Co	2015 Soybean Foliar (SO14)	\$6,300
Lee, Chad	Plant & Soil Sciences	Monsanto Co	2015-SOYB-370 (SO15)	\$3,780
Lucas, Patricia	Entomology	North Carolina State University	Kentucky Contact for the Southern Region Regulatory Information Network	\$7,000
Mark, Tyler	Agr Economics	Kansas State University	Farm Management and Benchmarking: Kansas, Illinois, and Kentucky Collaboration	\$80,000
Martin, James	Plant & Soil Sciences	Monsanto Co	Marestail Control in RR2 Xtend System-Midwest (SO17)	\$10,500
McNeill, Sam	Biosystems & Ag Eng	Rural Development	Technical Assistance for Energy Audits and Renewable Energy Projects in Rural Kentucky	\$67,169
Naugle, Lottie	Small Business Development Center SBDC	Small Business Administration	Portable Assistance Program	\$100,000
Naugle, Lottie	Small Business Development Center SBDC	KY Community & Technical College System/University of KY	Procurement & Technical Assistance Cash Match Support	\$25,000
Nielsen, Martin	Veterinary Science	Zoetis LLC	Larvicidal efficacy of moxidectin or fenbendazole against equine cyathostomins # quantitative and qualitative influence of the interval post-treatment	\$28,445

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Palmer, Gary	Agr Programs	Aetna Foundation	Expanding Community Gardens and Access to Healthy Food in Louisville, Kentucky	\$50,000
Pearce, Robert	Plant & Soil Sciences	University of North Texas Health Science Center	Efficacy of a Nicotine Barrier Cream	\$16,462
Perry, Sharyn	RCTF-1-Plant Sciences-Agronomy	United Soybean Board	Gene Networks Regulated by GmAGAMOUS-Like15, a Transcription Factor Controlling Seed Development. (Year 1 of 3)	\$85,363
Saha, Shubin	Horticulture	KY Department of Agriculture	Specialty Crop: Effect of High Tunnel Tomato Planting Density on Common Foliar Diseases and Yield	\$37,240
Saha, Shubin	Horticulture	University of Tennessee	Enhancing Fruit and Vegetable Producer Pricing Strategies at Farmer Markets	\$13,031
Slack, Charles	Plant & Soil Sciences	Monsanto Co	Monsanto 24-04 Service Order 13	\$7,000
Smith, Samuel	Plant & Soil Sciences	Cornell University	Forage Quality Improvement in Reduced-Lignin Alfalfa Monoculture and Alfalfa-Grass Binary Mixtures	\$54,000
Snyder, John	Horticulture	KY Department of Agriculture	Specialty Crop: Selection and Preservation of Uba Tuba, a Specialty Pepper	\$49,954
Stephenson, Tammy	Dietetics and Human Nutrition	KY Department of Agriculture	Specialty Crop: Plate it Up! Kentucky Proud Recipe Development and Evaluation for Consumers and Producers: Healthy Meals that Serve One or Two	\$50,000
Stombaugh, Timothy	Biosystems & Ag Eng	KY Department of Agriculture	Specialty Crop: Chemical Application Technology for Specialty Crop Growers	\$47,919
Taraba, Joseph	Biosystems & Ag Eng	Natural Resources Conservation Service	Phosphorus Runoff Potential and Nitrogen Flux Emissions From Compost Generated in Compost Bedded Dairy Pack Barns	\$75,000
Van Sanford, D	Plant & Soil Sciences	National Institute of Food and Agriculture	Enhancing Wheat Breeding Through Selection Of Robust Disease Resistant QTL That Function In A Variable Climate	\$119,631
Vijayakumar, Paul Priyesh	Animal and Food Sciences	University of Georgia	Professional Training for Extension Agents in KY and OK in Food Safety and Sanitation related to Farmer's Market	\$77,049
Vincent, Stacy	Community & Leadership Devel	KY Department of Education	2015 TECHNICAL UPGRADE TRAINING: All About the Horse: Equine Management and Industry	\$3,500
Wright, Shawn	Horticulture	KY Department of Agriculture	Specialty Crop: Evaluating Low Tunnel Vegetable Production Systems for Improving Local Food Availability in Kentucky	\$26,840

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Zheng, Yuqing	Agr Economics	Purdue University	Impact of Electronic Benefit Transfer on Food Assistance Program Participation and Use	\$35,000
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