

**Agriculture
January 2015
Proposal Submissions**

Principal Investigator	Department	Sponsor	Title	Total Amount Requested
Adedeji, Akinbode	Biosystems & Ag Eng	Burroughs Wellcome Fund	Application of Hyperspectral Imaging System for Detection of Adulterants in Foods	\$6,760
Bewley, Jeffrey	Animal and Food Sciences	Ohio State University	Sleep in dairy cattle	\$13,500
Crofcheck, Czarena	Biosystems & Ag Eng	Economic Development Administration	The TSM Learning Exchange: How to increase industry-educator Collaboration and Communication to Secure a Place for Kentucky's STEAM Graduates in the New Global Economy	\$278,319
Davis, Alison	Agr Economics	Appalachia Funders Network	Appalachia, Philanthropy and Health Outcomes	\$99,572
Green, Jonathan	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Introducing New Technologies for Managing Herbicide Resistant Weeds	\$13,109
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	\$15,000
Grove, John	Plant & Soil Sciences	Kentucky Soybean Promotion Board	PEP-NBT: Product Evaluation Protocol and the Next Big Thing in Soybean Production	\$35,000
Haramoto, Erin	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Improving Weed Management in Soybeans Through Crop Rotation	\$15,833
Hildebrand, David	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Soybean Oil as a High Value Fuel Cell Energy Source & Lubricant # 2nd Year	\$30,793
Kachroo, Aardra	Plant Pathology	Kentucky Soybean Promotion Board	Broadening Host Specificity in Soybean-Rhizobia Symbiosis	\$66,049
Knott, Carrie	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Improving Soybean Yields with Crop Rotation	\$39,852
Lee, Chad	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Determining the Effect of Additional Fertilizer Nitrogen on Irrigated Soybean Yield	\$6,000
McNeill, Sam	Biosystems & Ag Eng	Oklahoma State University	AMPLIFIES Ghana: Assisting management in the poultry industry by feed improvement	\$16,681
Meyer, Alphonse	Agr Economics	University of Georgia	Implement Plan of Work for the Southern Region Sustainable Agriculture Research and Education (SARE) Professional Development Program (PDP) Plan of Work	\$30,979

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Murdock, Lloyd	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Fragipan Remediation 2015-Soybean	\$10,000
Reed, Michael	International Programs	University of California Davis	Borlaug LEAP Fellowship for Abdel Lawani	\$19,898
Ritchey, Edwin	Plant & Soil Sciences	Kentucky Soybean Promotion Board	An integrated approach to understanding the dynamics of poultry litter use in corn-soybean production systems	\$35,000
Ritchey, Edwin	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Equipment Proposal: SUPPORT OF PLOT COMBINE	\$280,000
Timoney, John	Veterinary Science	Zoetis LLC	Dual antigen ELISA to distinguish vaccine from infection antibody responses	\$7,839
Tyler, Quentin	Agr Economics	CHS Foundation	Revitalizing the American Private Enterprise System (APES) Program The Kentucky Youth Seminar	\$11,250
Unrine, Jason	Plant & Soil Sciences	National Science Foundation	NanoFARM (Fate and Effects of Agriculturally Relevant Materials)	\$88,333
Webb, Bruce	Entomology	Agency for International Development	Development of novel plant protection strategies for sustainable insect control programmes: biotechnological and entrepreneurial approaches	\$49,511
Webber, Kelly	Dietetics and Human Nutrition	National Institute of Health	Exploring new behavioral approaches for decreasing obesity and risk of cardiovascular disease	\$473,616
Wendroth, Ole	Plant & Soil Sciences	Southern Soybean Research Program	Developing Irrigation Management Strategies For Soybean Production In Humid Regions of the Southern US	\$282,798
Yang, Shengming	Plant & Soil Sciences	Kentucky Soybean Promotion Board	Increase Seed Weight to Enhance Soybean Yield Potential	\$35,000