

**Agriculture
March 2014
Proposal Submissions**

Principal Investigator	Department	Sponsor	Title	Total Amount Requested
Balasuriya, Udeni	Veterinary Science	National Institute of Health	Molecular Epidemiological Investigation Dengue Virus Serotypes Circulating in Sri Lanka and Evaluation of Point of Care Assays	\$2,872,463
Balasuriya, Udeni	Veterinary Science	National Institute of Health	Identification, Molecular Characterization, Development of Point Of Care Diagnostic Assays Human Papilloma Virus	\$3,112,173
Carter, Craig	Veterinary Diagnostic Laboratory	KY Department of Agriculture	Bovine Spongiform Encephalopathy Testing and Related Services	\$4,200
Carter, Craig	Veterinary Diagnostic Laboratory	Animal and Plant Health Inspection Service	Diagnostic Laboratory Support of NAHLN	\$55,000
Crofcheck, Czarena	Biosystems & Ag Eng	Oak Ridge Associated Universities	Enhancement of Collaboration at the Annual Meeting of Institute of Biological Engineering (IBE)	\$3,000
Easter, Elizabeth	Merchandising, Apparel & Textiles	Department of Homeland Security	Firefighter Cleaning Research: Evaluating Used Firefighter#s Gear to determine the level and hazards of soils and develop cleaning procedures to effectively remove these soils.	\$993,703
Epps, Rebekah	Community & Leadership Devel	KY Department of Education	Environmental and Natural Resources for the AG Educator:Incorporating the Environment into your Curriculum	\$4,415
Fisher, Colin	Plant & Soil Sciences	Council for Burley Tobacco (for profit)	Development of pale yellow dark burley	\$14,898
Hanley, Carol	Center for the Environment	National Institute of Food and Agriculture	Agri-STEM Explorers	\$299,450
Howe, Daniel	Veterinary Science	Alpaca Research Foundation	Development of an enzyme linked immunosorbent assay for serodiagnosis of Sarcocystis aucheniae infection in new world camelids	\$27,176
Hunt, Arthur	Plant & Soil Sciences	KY State University	Transcriptome Profiling of Weed-pest In response to the Allelochemical Sorgoleone	\$48,224
Jack, Anne	Kentucky Tobacco Research & Dev Ctr	Council for Burley Tobacco (for profit)	Cytokinin application to reduce TSNAs in burley tobacco	\$14,000
Jack, Anne	Kentucky Tobacco Research & Dev Ctr	Council for Burley Tobacco (for profit)	Sample Preparation for TSNA Analysis	\$20,000
Jack, Anne	Kentucky Tobacco Research & Dev Ctr	Council for Burley Tobacco (for profit)	HP400 Efficacy in Reducing TSNAs	\$5,000

**Agriculture
March 2014
Proposal Submissions**

Jack, Anne	Kentucky Tobacco Research & Dev Ctr	Council for Burley Tobacco (for profit)	Pre-harvest quercetin as a treatment to reduce TSNA in burley tobacco	\$7,000
Kachroo, Aardra	Plant Pathology	National Institute of Food and Agriculture	Understanding the in planta activities and targets of bacterial effectors	\$498,946
Kachroo, Aardra	Plant Pathology	National Institute of Food and Agriculture	Determining the role of glycerol-3-phosphate in regulating specificity of legume rhizobium symbiosis	\$498,982
Lacki, Michael	Forestry	Fish and Wildlife Service	Behavior, roost selection, and use of daytimetorpor as survival strategies in northern long-eared bats during spring emergence from hibernation	\$149,492
Lee, Brad	Plant & Soil Sciences	Natural Resources Conservation Service	Demonstration of Nutrient Management Strategies in Lower Green Basin	\$310,439
Meyer, Alphonse	Agr Economics	University of Georgia	Implement Plan of Work for the Southern Region SARE program	\$34,639
Meyer, Alphonse	Agr Economics	University of Georgia	SARE - PDP - Program Assistant 2014-15	\$22,222
Meyer, Alphonse	Agr Economics	University of Georgia	SARE Sustainable Ag Training Program (MSP)	\$11,111
Pescatore, Anthony	Animal and Food Sciences	Agricultural Research Service	Fishing for a novel protein source for methionine in organic poultry feed: exploring the potential for invasive Asian Carp as a sustainable solution of fishmeal production	\$30,000
Vail, Ann	School of Human Envir Sciences - Admin	KY Cabinet for Health and Family Services	UK Supplemental Nutrition Assistance Program Education (SNAP Ed)	\$4,159,259
Van Sanford, David	Plant & Soil Sciences	Agricultural Research Service	U.S. Wheat and Barley Scab Initiative's Networking and Facilitation Office and Website	\$252,890
Van Sanford, David	Plant & Soil Sciences	Agricultural Research Service	Accelerating the Development of FHB-Resistant Soft Red Winter Wheat Varieties	\$70,750
Wendroth, Ole	Plant & Soil Sciences	Southern Soybean Research Program	Challenges in Soybean Irrigation # Soil and Crop Irrigation Management (SCIM)	\$8,090
Yang, Shengming	Plant & Soil Sciences	Council for Burley Tobacco	Development of User-friendly Markers for Disease Resistance to Potato Virus Y (PVY) and Black Root Rot (BRR) in Burley Tobacco	\$30,000
Zaitlin, David	Kentucky Tobacco Research & Dev Ctr	Council for Burley Tobacco (for profit)	The DNA Sequence of the Burley Tobacco Genome	\$64,155

Agriculture
March 2014
Proposal Submissions

Zaitlin, David	Kentucky Tobacco Research & Dev Ctr	Fred C Gloeckner Foundation	Engineering Floricultural Crops for Resistance to Tomato spotted wilt virus	\$12,000
----------------	--	-----------------------------	--	----------