

**Agriculture
July 2015
Proposal Submissions**

Principal Investigator	Department	Sponsor	Title	Total Amount Requested
Davis, Alison	Agr Economics	Rural Development	Business Retention, Youth Leadership, and Economic Modeling	\$188,867
Adedeji, Akinbode	Biosystems & Ag Eng	Kentucky Small Grain Growers Association	Fundamental Understanding of Millet Functionality as Ingredient in Human Food Applications and Biofuel Production	\$25,500
Sama, Michael	Biosystems & Ag Eng	Kentucky Small Grain Growers Association	Cover Crop Seeding Using an Unmanned Aerial System (UAS)	\$12,500
Bruening, William	Plant & Soil Sciences	Kentucky Small Grain Growers Association	Performance of Small Grain Varieties in Kentucky	\$11,000
Haramoto, Erin	Plant & Soil Sciences	Kentucky Small Grain Growers Association	Winter Cover Crops for Weed Management	\$12,091
Knott, Carrie	Plant & Soil Sciences	Kentucky Small Grain Growers Association	Can wheat yield and grain fill duration be increased by decreasing wheat canopy temperature	\$0
Lee, Chad	Plant & Soil Sciences	Kentucky Small Grain Growers Association	Rye and Barley Management Study	\$5,000
Murdock, Lloyd	Plant & Soil Sciences	Kentucky Corn Growers Association	Corn Fragipan	\$25,000
Murdock, Lloyd	Plant & Soil Sciences	Kentucky Small Grain Growers Association	Fragipan Remediation small grains	\$25,000
Ritchey, Edwin	Plant & Soil Sciences	Kentucky Small Grain Growers Association	Support of Conservation Innovation Grant (CIG) to improve Kentucky Grain Production Systems Using Cover Crops and Other Soil Health Practices.	\$20,000
Ritchey, Edwin	Plant & Soil Sciences	Kentucky Small Grain Growers Association	Planning/Evaluation for UK-REC Wheat Field School	\$5,735
Smith, Samuel	Plant & Soil Sciences	University of Tennessee	Enhancing Grassland Ecosystem Sustainability in the Tall Fescue-Belt: a Partnership for Innovation	\$900,164
Smith, Samuel	Plant & Soil Sciences	Natural Resources Conservation Service	Eliminating Overgrazing and Soil Degradation on Horse Farms in Kentucky	\$256,914
Van Sanford, David	Plant & Soil Sciences	Kentucky Small Grain Growers Association	Genomic Selection in Soft Red Winter Wheat	\$10,000

**Agriculture
July 2015
Proposal Submissions**

Van Sanford, David	Plant & Soil Sciences	Kentucky Small Grain Growers Association	Soft Red Winter Wheat Breeding and Variety Development for Kentucky	\$55,500
Wendroth, Ole	Plant & Soil Sciences	Kentucky Small Grain Growers Association	Irrigating the Soil to Maximize the Crop # An Approach for wheat to Efficient and Environmentally Sustainable Irrigation Water Management in Kentucky	\$160,526
Adedokun, Sunday	Animal and Food Sciences	DuPont	Enzyme effects on fibrous feed ingredients in cannulated pigs	\$65,000
Adedokun, Sunday	Animal and Food Sciences	AB Vista	Sodium and mineral metabolism in broilers	\$68,045
Pescatore, Anthony	Animal and Food Sciences	Alltech Biotechnology Inc	Post Doctoral Fellow -- Lizza Macalintal	\$116,425
Dobson, Stephen	Entomology	University of Florida	2015 IR-4 Biopesticide Project	\$25,500
Haynes, Kenneth	Entomology	Department of Housing and Urban Development	Development of next generation methods for bed bug control	\$630,000
Rieske-Kinney, Lynne	Entomology	Forest Service	Development of RNAi in Woody Plants for Broad Scale Management of Tree Pests	\$92,000
Fountain, William	Horticulture	KY Energy and Environment Cabinet	Best Management Practices for a Sustainable Urban Forest	\$35,000
Bradley, Carl A.	Plant Pathology	Kentucky Small Grain Growers Association	Research and outreach for fungicide management of Fusarium head blight or small grain crops	\$0
Denham, Melony	Community & Leadership Devel	Economic Development Administration	E-Discovery Challenges You! Entrepreneurial Initiative	\$877,952
Epps, Rebekah	Community & Leadership Devel	KY Education and Workforce Development Cabinet	University of Kentucky Professional Development Perkins Leadership Project 2015-2016	\$6,000
Vincent, Stacy	Community & Leadership Devel	KY Education and Workforce Development Cabinet	University of Kentucky Professional Development Perkins Leadership Project 2015-2016	\$6,000
Adams, Amanda	Veterinary Science	Morris Animal Foundation	Understanding seasonal influences on inflammation and insulin dysregulation using an oral sugar test in horses with endocrine disorders.	\$257,065
Bailey, Ernest	Veterinary Science	Morris Animal Foundation	Identifying genetic variants on ECA20 associated with juvenile-onset lordosis in horses	\$48,655

**Agriculture
July 2015
Proposal Submissions**

Lear, Terri	Veterinary Science	Morris Animal Foundation	Identifying Causes of 64,XX testicular Disorders of Sex Development	\$9,083
Vail, Ann	Family & Consumer Sciences	KY Cabinet for Health and Family Services	UK Supplemental Nutrition Education Program 2015t	\$13,235,536
Wood, Craig	e-Extension	Michigan State University	Innovation and Professional Growth for Cooperative Extension	\$445,151
Gustafson, Alison	Dietetics and Human Nutrition	Duke University	SNAP households food shopping choices using Behavioral Economic Choices	\$49,952