

**Agriculture
November 2015
Proposal Submissions**

Principal Investigator	Department	Sponsor	Title	Total Amount Requested
Davis, Todd	Agr Economics	University of Arkansas	Developing, Practice and implementing written Marketing Plans and Risk Management Skills through Crop Marketing and Risk Management Clubs	\$0
Dvorak, Joseph	Biosystems & Ag Eng	Southern Sustainable Agriculture Research	Weed and Pest Control Automation in Diversified Organic Vegetable Production	\$171,706
Pearce, Robert	Biosystems & Ag Eng	Council for Burley Tobacco	Enhancing Burley Tobacco Production Labor Efficiency 2016	\$0
Fisher, Colin	Plant & Soil Sciences	Council for Burley Tobacco	TSNA Accumulation in Controlled Curing Environment	\$13,000
Fisher, Colin	Plant & Soil Sciences	Council for Burley Tobacco	Development of Pale Yellow Dark Burley	\$9,000
Fisher, Colin	Plant & Soil Sciences	Council for Burley Tobacco	Topping Height of High Leaf Potential Hybrids	\$14,000
Goff, Ben	Plant & Soil Sciences	Council for Burley Tobacco	Optimizing the Integration of Annual Forages into Tobacco Systems	\$20,337
Haramoto, Erin	Plant & Soil Sciences	North Carolina State University	Cover Crop Interseeding to Manage Herbicide-	\$29,880
Hunt, Arthur	Plant & Soil Sciences	National Science Foundation	The Apicomplexan Polyadenylation Complex	\$596,169
Miller, Robert	Plant & Soil Sciences	Council for Burley Tobacco	Addition of Blue Mold Resistance to KTTII Burley Tobacco Varieties	\$40,000
Miller, Robert	Plant & Soil Sciences	Council for Burley Tobacco	Evaluation and Control of Ground Sucker Formation in Burley Tobacco Varieties	\$30,000
Wendroth, Ole	Plant & Soil Sciences	Southern Soybean Research Program	DEVELOPING IRRIGATION MANAGEMENT STRATEGIES FOR SOYBEAN PRODUCTION IN HUMID REGIONS OF THE SOUTHERN US	\$50,000
Yang, Shengming	Plant & Soil Sciences	Council for Burley Tobacco	Marker Design Based on Genotyping by Sequencing for Blue Mold Resistance in Tobacco	\$20,000
Ren, Wei	RCTF-1-Plant Sciences-Agronomy	Department of Energy	Two-way Coupled Climate-Human-system Approach for Predictive Assessment of Climate-Smart Agricultural Response/Feedback to Global Climate	\$747,440

**Agriculture
November 2015
Proposal Submissions**

Adedokun, Sunday	Animal and Food Sciences	National Pork Board	Does Dietary Sodium Source without and with phytase supplementation have Influence on Nutrient and Energy Digestibility and Performance in Pigs	\$75,378
Potter, Daniel	Entomology	United States Golf Association	Operation Monarch for Golf Courses: Developing Protocols for Monarch Butterfly Conservation Plantings in Golf Course Naturalized Roughs	\$48,720
Barton, Christopher	Forestry	Department of the Interior	Evaluating the Influence of the Forestry Reclamation Approach on Hydrology and Water Quality in Appalachian Coal Minesp	\$195,490
Price, Steven	Forestry	University of Wisconsin	Snake fungal disease as a model for the in situ emergence of fungal pathogens	\$891,159
Saha, Shubin	Horticulture	Southern Sustainable Agriculture Research	Alternative Substrate for Soilless Production of Vegetables	\$14,892
Bradley, Carl	Plant Pathology	Southern Illinois University	Exploiting potential bio-control agens to manage seedling diseases of soybean (year 2)	\$30,666
Pfeufer, Emily	Plant Pathology	Southern Sustainable Agriculture Research	Brassicaceous Cover Crops to Reduce Root Knot Nematode and Improve Soil Quality in High Tunnel Tomato	\$14,897
Nielsen, Martin	Veterinary Science	Merial Ltd	Merial anthelmintic efficacy study, 2016	\$20,297
Wood, Craig	e-Extension	eXtension Foundation	i-Three Rapid Solutions	\$306,714
Canete, Socrates	Kentucky Tobacco Research & Dev Ctr	Council for Burley Tobacco	Development And Standardization Of Accelerated Tobacco Curing Protocols To Quantify The Propensity For TSNA Production And Accumulation	\$12,500
Jack, Anne	Kentucky Tobacco Research & Dev Ctr	Council for Burley Tobacco	The Effects of Pre-Harvest Quercetin Application on the Accumulation of Tobacco-Specific Nitrosamines # 2016 Field Season	\$7,000
Jack, Anne	Kentucky Tobacco Research & Dev Ctr	Council for Burley Tobacco	Evaluation of the Efficacy of HP400 in Reducing TSNA's # 2016 Field Season	\$5,000
Jack, Anne	Kentucky Tobacco Research & Dev Ctr	Council for Burley Tobacco	Sample Preparation for TSNA Analysis # 2016 Field Season	\$10,000
Jack, Anne	Kentucky Tobacco Research & Dev Ctr	Council for Burley Tobacco	The Effects of Cytokinin Application on the Accumulation of Tobacco-Specific Nitrosamines # 2016 Field Season	\$14,000
Mundell, Richard	Kentucky Tobacco Research & Dev Ctr	Council for Burley Tobacco	Varieties and Production Practices to Maximize Nicotine to be Utilized in Emerging Tobacco Products (Field evaluation 2016	\$15,069

Agriculture
November 2015
Proposal Submissions

Pattanaik, Sitakanta	Kentucky Tobacco Research & Dev Ctr	Council for Burley Tobacco	Next Generation Sequencing as an Aid to Study the Influence of a Systemic Suckercide on Global Changes in Gene Expression of Tobacco	\$11,798
----------------------	-------------------------------------	----------------------------	--	----------