

**Agriculture
April 2016
Proposal Submissions**

Principal Investigator	Department	Sponsor	Title	Total Amount Requested
Balasuriya, Udeni	Veterinary Science	National Institute of Health	Characterization of Two Phenotypically Distinct Zika Virus Strains from Brazil Using a Reverse Genetics System and Development of Reagents and Tools for Zika Virus Point-of-need Diagnosis	\$353,828
Carter, Craig	Veterinary Diagnostic Laboratory	KY Department of Agriculture	Bovine Spongiform Encephalopathy Testing and Related Services	\$0
Carter, Craig	Veterinary Diagnostic Laboratory	Animal and Plant Health Inspection Service	Maintaining Laboratory Designation	\$138,139
Carter, Craig	Veterinary Diagnostic Laboratory	KY Department of Agriculture	Avian Influenza Surveillance	\$5,000
Crocker, Ellen	Forestry	Eastern KY University	Kentucky Forest Health Research and Education Initiative	\$186,238
Dvorak, Joseph	Biosystems & Ag Eng	National Institute of Food and Agriculture	LIDAR and Photogrammetry to Map Alfalfa Yield and Quality Using Unmanned Aircraft Systems	\$249,975
Dvorak, Joseph	Biosystems & Ag Eng	Purdue University	Computational Skills Development for NextGen Agriscience Professionals for Sustaining Data Driven Agriculture	\$186,135
Gustafson, Alison	Dietetics and Human Nutrition	National Institute of Food and Agriculture	Higher Education Challenge Grant Obesity Food Insecurity Paradox	\$150,000
Hains, Bryan	Community & Leadership Devel	National Institute of Food and Agriculture	Building Capacity and Diffusing Innovation in Community Development Education	\$741,681
Nielsen, Martin	Veterinary Science	Zoetis LLC	Combination anthelmintic therapy # short and long term benefits	\$0
Pescatore, Anthony	Animal and Food Sciences	National Institute of Food and Agriculture	Controlling Intestinal Parasites In Organic Egg Production Hens	\$462,899
Reed, Michael	International Programs	Foreign Agricultural Service	Faculty Exchange Program Fellows	\$76,714
Rieske-Kinney, Lynne	Entomology	KY Division of Forestry	Integrating biological and chemical control to save our ash	\$149,500
Shi, Jian	Biosystems & Ag Eng	Clemson University	Drop-in Hydrocarbon Fuels from Lignocellulosic Biomass Enhanced by Multiple Streams of High-value Coproducts	\$400,000

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Shi, Jian	Biosystems & Ag Eng	Environmental Research and Education Foundation	Integrated Task-specific Composting and High Gravity Anaerobic Digestion for Improved biogas Yield From Municipal Solid Wastes	\$159,500
Slack, Charles	Plant & Soil Sciences	Syngenta Crop Protection	Syngenta Soy	\$12,000