

**Agriculture  
2016  
Proposal Submissions**

Principal Investigator	Department	Sponsor	Title	Total Amount Requested
Ashurst, Kerri	Family & Consumer Sciences	Purdue University	2017 MTAC Grant	\$162,350
Balasuriya, Udeni	Veterinary Science	National Institute of Health	Cellular and Molecular Basis of RNA Virus Persistence in the Mammalian Male Reproductive Tract: An Animal Model to Study the Role of CXCL16-CXCR6 Axis in Immune Modulation	\$3,378,401
Bessin, Ricardo	Entomology	National Science Foundation	Exploring the Tritrophic Relationship Between Plant Biochemicals, Herbivores, and Parasitoids in Specialty Cropping Systems	\$18,200
Chambers, Thomas	Veterinary Science	American Quarter Horse Foundation	Interferon-lambda response of the influenza-infected horse	\$49,396
Davis, Alison	Agr Economics	National Institute of Food and Agriculture	Enhancing the Resiliency of Rural Communities with Transitioning Economies	\$241,000
Dobson, Stephen	Entomology	Center for Disease Control and Prevention	Integrated Vector Management Center of Excellence (IVMCE)	\$10,000,000
Jacobsen, Krista	Horticulture	University of Georgia	A multiscale and multi-factor investigation of the rapidly decaying Balance Between Global Human Metabolic Needs and Their Photosynthetic Supplies.	\$209,197
Karathanasis, Anastasios	Plant & Soil Sciences	KY Department for Public Health	Soil Morphology Course 2016-2018	\$40,000
Loux, Shavahn	Veterinary Science	Grayson Jockey Club Research Foundation Inc	MicroRNAs as Markers of Placental Health in the Mare	\$15,000
Nielsen, Martin	Veterinary Science	Zoetis LLC	WITNESS Parasight validation study # strongyle and ascarid egg counts	\$42,462
Rittschof, Clare	Entomology	Defense Advanced Research Projects Agency	Social Modulation of Honey Bee Aggression: Mechanisms that Encode Time	\$300,058
Shi, Jian	Biosystems & Ag Eng	National Science Foundation	SusChEM: Channeling Lignin Based Antimicrobials in Ionic Liquids using Advanced Membranes	\$300,000
Urschel, Kristine	Animal and Food Sciences	American Quarter Horse Foundation	Effects of Equine Metabolic Syndrome on Skeletal Muscle Signaling Pathways Associated with Muscle Protein Synthesis and Degradation	\$52,733
Webber, Kelly	Dietetics and Human Nutrition	National Institute of Health	Discovering How to Involve Fathers in Childhood Obesity Prevention Research	\$280,000
Yang, Jian	Forestry	US Department of Agriculture	Spatio-Temporal Analysis of Laurel Wilt Disease Spread in the Eastern U.S.	\$59,039