

**Agriculture
September 2007
Proposal Submissions**

Principal Investigator	Sponsor	Title	Department	Total Amount Requested
Balasuriya, Udeni	Grayson Jockey Club Research Foundation Inc	Molecular Epidemiology of EAV: 2006 Occurrence in the US	Veterinary Science	\$31,967
Brooks, Samantha	Grayson Jockey Club Research Foundation Inc	Evaluation of Mast Cells as Therapeutic Targets for Equine Laminitis	Veterinary Science	\$112,590
Carter, Craig	Texas A&M University	R Equi Phneumonia: Airborne Exposure and Foal Immunity / Rhodococcus Equi Airborne Environmental Study	Livestock Diag Disease Center	\$47,080
Chambers, Thomas	Grayson Jockey Club Research Foundation Inc	Influenza Virus Pathogenesis and Innate Immunity in the Horse	Veterinary Science	\$144,100
Chappell, Joseph	National Science Foundation	Collaborative Research: Development of Sustainable Production Platforms for Renewable Petroleum Based Oils in Terrestrial Plants and Alge	Plant & Soil Sciences	\$300,036
Gates, Richard	Agricultural Research Service	Development of Line-Scan Image Algorithms for Inspection of Poultry Carcasses	Biosystems & Ag Eng	\$10,000
Hershman, Donald	University of Tennessee	Determining Distribution of a Corn Cyst Nematode in the MidSouth	Plant Pathology	\$6,000
Kachroo, Aardra	Arnold and Mabel Beckman Foundation	Development of Genetically Encoded Nanosensors to Monitor the Real-Time Flux of Metabolites During Host-Pathogen Interactions	Plant Pathology	\$0
Obrycki, John	Animal and Plant Health Inspection Service	Cooperative Agricultural Pest Survey	Entomology	\$253,902
Palli, Subba	Binational Agricultural Research & Development Fun	Functional and Molecular Analysis of Reproductive Behavior and Performance in the Stored Products Beetle Tribolium Castaneum	Entomology	\$148,800
Pescatore, Anthony	KY Poultry Federation	Poultry House Educational Programming (Scope)	Animal and Food Sciences	\$105,974
Stringer, Jeffrey	KY Natural Resources Environmental Protection Cabinet	Kentucky Woodlands Magazine Production II	Forestry	\$15,419
Stringer, Jeffrey	KY Natural Resources Environmental Protection Cabinet	Kentucky Woodlands Magazine Production I	Forestry	\$30,000
Vincelli, Paul	University of Florida	Southern Plant Diagnostic Network, IPM PIPE 2007, KY Component	Plant Pathology	\$13,000
Webb, Bruce	Binational Agricultural Research & Development Fun	Potentialion of Pest Control by Insect Immunosuppression	Entomology	\$0
Wendroth, Ole	Environmental Protection Agency	Improving Water Quality Through Sustainable Agricultural Practices	Plant & Soil Sciences	\$74,148