

**Agriculture
November 2009
Proposal Submissions**

Principal Investigator	Sponsor	Title	Department	Total Amount Requested
Balasuriya, Udeni	American Quarter Horse Association	Testing the Susceptibility of Neuropathogenic and Non-Neuropathogenic Equine Herpesviruses-1 Strains to Antivirals	Veterinary Science	\$0
Bewley, Jeffrey	Southern Sustainable Agriculture Research	Potential Use of Kenaf as a Bedding Material in Dairy Compost Bedded Pack Barns	Animal and Food Sciences	\$11,945
Coolong, Timothy	Southern Agricultural Research Service	Developing a Training Program in Sustainable Vegetable Production for Agriculture Professionals in Kentucky and Tennessee	Horticulture	\$0
Go, Yun	American Quarter Horse Association	Genome-Wide Scan to Identify Genetic Factors Responsible for the Establishment of Equine Arteritis Virus Carrier Status in Stallions	Veterinary Science	\$0
Karathanasis, Anastasios	Natural Resources Conservation Service	Soil Survey Characterization	Plant & Soil Sciences	\$10,000
Klein, Claudia		Expression of Aquaporins in Equine Spermatozoa and their Involvement in the Tolerance of Equine Spermatozoa to Cryopreservation	Veterinary Science	\$16,630
Lee, Brian	National Aeronautics and Space Administration	A Comparison of Remote Sensing Data and Landscape Change Models in the Agricultural/Urban Interface and in Mountainous Forested Landscape Regions with Implications for the Social	Landscape Architecture	\$0
Lehmkuhler, Jeffrey	Southern Sustainable Agriculture Research	Strategic Phosphorus Supplementation for Beef Cattle Operations in Kentucky to Reduce Phosphorus Inputs	Animal and Food Sciences	\$0
Seebold, Kenneth	University of Florida	Integrated Use of Grafting Technology to Improve Disease Resistance and Fruit Yield in Speciality Melon Crops	Plant Pathology	\$0
Tietyen, Janet	Foundation for a Healthy KY	Consumer Food Survey	Nutrition and Food Science	\$6,000
Webb, Bruce	National Science Foundation	ARRA: Science Masters Program in Integrated Entrepreneurial Biotechnology	Entomology	\$700,000