

**Agriculture  
September 2010  
Awarded**

| PI Name                  | Account #  | Department                    | Sponsor  | Title   | Federal Competitive | Amount    | Start     | End        |
|--------------------------|------------|-------------------------------|--|---|---------------------|-----------|-----------|------------|
| Bessin, Ricardo          |            | Entomology                    | University of Florida                              | State Liaison to the Minor Use Pesticide Program 2010   |                     | \$2,250   | 5/1/2010  | 4/30/2011  |
| Bruening, William        |            | Plant & Soil Sciences         | KY Small Grain Growers Association                 | Performance of Small Grain Varieties in Kentucky  |                     | \$15,150  | 9/1/2010  | 12/31/2011 |
| Bullock, Kevin           |            | Animal and Food Sciences      | Cornell University                                 | National Beef Cattle Evaluation Consortium  |                     | \$50,000  | 7/1/2010  | 6/30/2011  |
| Carter, Craig            | 3048107581 | Livestock Diag Disease Center | KY Department of Fish and Wildlife                 | Diagnostic Services 2010  |                     | \$5,000   | 7/7/2010  | 6/30/2011  |
| Carter, Craig            | 3048107590 | Livestock Diag Disease Center | KY Department of Agriculture                       | Bovine Spongiform Encephalopathy Testing and related Services   |                     | \$14,400  | 7/1/2010  | 3/31/2011  |
| Cox, John                | 3048107565 | Forestry                      | KY Department of Fish and Wildlife                 | UK Population Dynamics of Black Bear in Eastern Kentucky  |                     | \$90,000  | 8/5/2010  | 5/15/2011  |
| Fehr, Robert             | 3048106728 | Biosystems & Ag Eng           | KY Cabinet for Health and Family Services          | Radon-UK Extension-Radon Activities   |                     | \$22,681  | 7/1/2010  | 6/30/2011  |
| Fei, Songlin             | 3048107571 | Forestry                      | KY Energy and Environment Cabinet                  | Second Invasives Conference   |                     | \$5,000   | 7/1/2010  | 6/30/2011  |
| Harmon, David            | 3048107618 | Animal and Food Sciences      | Elanco Animal Health                               | LAD and Monensin in Vitro VFA Study   |                     | \$26,653  | 9/20/2010 | 3/19/2011  |
| Harwood, James           | 3048107617 | Entomology                    | Binational Agricultural Research & Development Fun | Biological Control of Cereal Aphids in Wheat: Implications of Alternative Foods and Intraguild Predation  | Yes                 | \$3,000   | 10/1/2010 | 9/30/2011  |
| Husband, Andrea          |            | Agr Programs                  | National Institute of Food and Agriculture         | Improving Local Disaster Planning: A Nationwide Train-the-Trainer Project   |                     | \$87,049  | 9/1/2010  | 8/31/2011  |
| Hustedde, Ronald         |            | Community & Leadership Devel  | Appalachian Regional Commission                    | E-Discovery Challenge   |                     | \$275,000 | 10/1/2010 | 9/30/2011  |
| Johnson, Douglas         | 3048107580 | Entomology                    | National Institute of Food and Agriculture         | IPM in Kentucky: Integrated Development and Delivery  | Yes                 | \$88,134  | 9/1/2010  | 8/31/2011  |
| Karathanasis, Anastasios |            | Plant & Soil Sciences         | Natural Resources Conservation Service             | Kentucky Soil Survey Investigations 2010-2011   |                     | \$10,000  | 4/27/2010 | 9/30/2011  |
| Lacki, Michael           | 3048107619 | Forestry                      | Forest Service                                     | Fire Management and Habitat Quality for Endangered Bats in Mammoth Cave National Park, JFSP   |                     | \$262,759 | 9/7/2010  | 6/1/2013   |
| Lee, Brad                | 3048107526 | Plant & Soil Sciences         | Natural Resources Conservation Service             | Expression and Distribution of Dynamic Soil Properties in Benchmark Catenas under Forest and Cultivated Land Use in the Shawnee Hills, MLRA 115 & 120 |                     | \$30,000  | 10/1/2010 | 12/31/2011 |
| Lhotka, John             | 3048107566 | Forestry                      | KY Energy and Environment Cabinet                  | Cross-walk and Develop GIS Mapping Applications and Accomplishment Monitoring Geospatial Database   |                     | \$6,000   | 8/1/2010  | 6/30/2011  |
| Martin, James            |            | Plant & Soil Sciences         | KY Small Grain Growers Association                 | Evaluate the effect of seeding rate of wheat and preharvest applications on managing giant ragweed and marestail in wheat                             |                     | \$6,000   | 9/1/2010  | 12/31/2011 |

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| McNeill, Samuel           |            | Biosystems & Ag Eng          | Foreign Agricultural Service               | Reducing Post-Harvest Grain Losses in Ghana   |     | \$47,368    | 8/16/2010 | 7/31/2011  |
| Meyer, Alphonse           | 3048107528 | Agr Economics                | University of Georgia                      | Implement Plan of Work for the SARE Professional Development Program (PDP) Program  |     | \$10,000    | 7/1/2010  | 6/30/2011  |
| Meyer, Alphonse           | 3048107529 | Agr Economics                | University of Georgia                      | Implement Plan of Work for the SARE Program   |     | \$20,000    | 7/1/2010  | 6/30/2011  |
| Murdock, Lloyd            |            | Plant & Soil Sciences        | KY Small Grain Growers Association         | Improving Nitrogen Application Technology Under Kentucky Conditions   |     | \$5,000     | 9/1/2010  | 12/31/2011 |
| Schardl, Christopher      | 3048107551 | Plant Pathology              | National Institute of Food and Agriculture | Advanced Genetic Technologies   |     | \$604,934   | 9/1/2010  | 8/31/2013  |
| Schwab, Gregory           |            | Plant & Soil Sciences        | KY Small Grain Growers Association         | Survey of the Tissue Nutrient Status of Winter Wheat in Kentucky  |     | \$4,000     | 9/1/2010  | 12/31/2011 |
| Stombaugh, Timothy        |            | Biosystems & Ag Eng          | National Institute of Food and Agriculture | Precision Agriculture: Precision Resource Management - Phase VI   |     | \$593,505   | 9/1/2010  | 8/31/2013  |
| Stringer, Jeffrey         | 3048107573 | Forestry                     | KY Energy and Environment Cabinet          | Kentucky Woodlands Magazine - Forest Certification and Forest Health Issues   |     | \$30,000    | 7/1/2010  | 6/30/2011  |
| Tanaka, Keiko             | 3048107591 | Community & Leadership Devel | National Institute of Food and Agriculture | Globalizing Agricultural Education: Sustainable Agriculture, Food, and Rural Development  | Yes | \$150,000   | 8/1/2010  | 7/31/2013  |
| Thom, William             |            | Regulatory Services          | Food and Drug Administration               | Enhancing and Building the Capability of Feed Safety in Kentucky  |     | \$202,936   | 9/17/2010 | 6/30/2011  |
| Van Sanford, David        |            | Plant & Soil Sciences        | KY Small Grain Growers Association         | Breeding and release of improved wheat varieties with high yields and test weights, enhanced scab resistance and overall disease resistance, increased lodging resistance |     | \$47,650    | 9/1/2010  | 12/31/2011 |
| Webber, Kelly             | 3048107593 | Nutrition and Food Science   | Obesity Society                            | The Effect of Behavioral Weight Loss Program with Nutrisystem Meal Provision on Change in Weight, Fasting Blood Glucose, Total Cholesterol, and Blood Pressure            |     | \$25,000    | 9/7/2010  | 9/6/2011   |
| Wendroth, Ole             |            | Plant & Soil Sciences        | KY Small Grain Growers Association         | Farm Test of Crop Sensing for Site-Specific Nitrogen Fertilizer Application in Winter Wheat   |     | \$6,000     | 9/1/2010  | 12/31/2011 |
| Woods, Timothy            | 3048107584 | Agr Economics                | Agricultural Marketing Service             | Strategies and Impact Measures of Sampling for Direct Markets   |     | \$38,550    | 9/1/2010  | 12/31/2011 |
| Xiong, Youling            | 3048107592 | Animal and Food Sciences     | Alltech Biotechnology Inc                  | Nutrigenomics Applied to Meat Science: Understanding the impact of Alltech Antioxidant Nutrients on the Quality and Storage Stability of Chicken Meat                     |     | \$37,008    | 8/1/2010  | 7/31/2011  |
| Yuan, Ling                | 3048107567 | Plant & Soil Sciences        | KY Science and Technology Co Inc           | Development of Hyperactive DNA Transposases by Directed Evolution   |     | \$40,217    | 7/1/2010  | 6/30/2011  |
| Total Federal Competitive |            |                              |  |   |     | \$241,134   |           |            |
| Total Value               |            |                              |  |   |     | \$2,861,244 |           |            |