

# Multistate Research Committee Report

## September 26, 2011

**Presenter:** David Morrison

### **Current Status:**

1. The Southern MRC is composed of Ed King (ARS Rep), David Morrison (Chair), Craig Nessler, Clarence Watson, Steve Workman, and Eric Young. Since the 2011 Spring Meeting, only one MRF proposal has been submitted for review. The SDC342 proposal was approved after revision. The MRC continues to encourage AAs to provide SDCs with copies of Appendix H (the MRC Evaluation Form), which will alert these committees to the evaluation criteria being used by the MRC. This should help facilitate an increase in the number of proposals approved after initial MRC review.
2. At the 2011 Spring meeting, the MRC was charged with developing a process to review the national MRF portfolio, as it relates to the Southern Region, with the goal of identifying gaps/areas where MRF projects do not exist, thereby providing an opportunity to stimulate the development of new MRF projects. Initially, we plan to utilize the SACs in an attempt to address this issue. We are currently at the stage of trying to identify how best to generate a comprehensive list of projects from the NIMSS on a national level of all currently existing MRF projects related to each SAC discipline area. Once that is done, the SACs will be asked to thoroughly assess and evaluate their identified projects and compile a list of researchable topic areas that are not currently being addressed and prioritize their list. The one problem with the above is that not all SACs are well-engaged in the annual MRF review process, thus we might not get a good response from all SACs.

The following is a current status report, prepared by Donna Pearce, of MRF activities sorted by termination date. This information is also available on the southern directors' web site.

### **Multistate Activities' Status**

#### **Projects/Activities Terminating 9/30/11**

**S-1024** – “Discovery of Entomopathogens and Their Integration and Safety in Pest Management Systems” – John Russin, LA

**SDC341** – “Irrigation Management for Humid and Sub-Humid Areas” – Winston Hagler, NC

**SERA003** – “Southern Region Information Exchange Group for IPM” – David Monks, NC

**SERA030** - “Southern Natural Resource Economics Committee” – Bob Shulstad, GA

#### **Extended One Year (to 9/30/2012)**

**S-1025** – “Systems for Controlling Air Pollutant Emissions and Indoor Environments of Poultry, Swine, and Dairy Facilities” – Ron Lacewell, TX

**S-1026** – “Textile Materials and Technologies Addressing Energy, Health and Other National Security Issues” – Bob Shulstad, GA

**S-1027** – “The Poultry Food System: A Farm to Table Model” – David Monks, NC

**S-1028** – “Ecological and genetic diversity of soilborne pathogens and indigenous microflora” – Mark McLellan, FL

#### **Extended to 9/30/2013**

**S-1038** – “Peanut Variety Quality Evaluation Program” – Saied Mostaghimi, VA

### **Terminating Without Replacement 9/30/2011**

**SDC341** – “Irrigation Management for Humid and Sub-Humid Areas” – Winston Hagler, NC  
**S-1029** – “Improved Methods to Combat Mosquitoes and Crop Pests in Rice Fields” – Mark Cochran, AR

### **Replacement Projects/Activities Approved**

**S294 (SDC342)** – “Quality and Safety of Fresh-cut Vegetables and Fruits” – Reuben Moore, MS  
**SDC343 (S\_temp2602 – New)** – “A model for secondary schools agriscience education programs that emphasizes the STEM content in agriculture” – Lesley Oliver, KY  
**SDC344 (re-write for S1024)** – “Discovery of Entomopathogens and Their Integration and Safety in Pest Management Systems” – John Russin, LA

### **Projects/Activities Terminating 9/30/2012**

**S-1025** – “Systems for Controlling Air Pollutant Emissions and Indoor Environments of Poultry, Swine, and Dairy Facilities” – Ron Lacewell, TX  
**S-1026** – “Textile Materials and Technologies Addressing Energy, Health and Other National Security Issues” – Bob Shulstad, GA  
**S-1027** – “The Poultry Food System: A Farm to Table Model” – David Monks, NC  
**S-1028** – “Ecological and genetic diversity of soilborne pathogens and indigenous microflora” – Mark McLellan, FL  
**S-1030** – “Flies Impacting Livestock, Poultry and Food Safety” – Rick Roeder, AR  
**S-1031** – “Improvement and Sustainability of Channel-Blue Hybrid Catfish Embryo Production and Performance” – Saied Mostaghimi, VT  
**S-1032** – “Improving the Sustainability of Livestock and Poultry Production in the United States” – Ron Lacewell, TX  
**S-1033** – “Control of Food-Borne Pathogens in Pre- and Post-Harvest Environments” – Doug Archer, FL  
**S-1034** – “Biological Control of Arthropod Pests and Weeds” – Jonathan Edelson, OK  
**S-1035** – “Nutritional and Management Abatement Strategies for Improvement of Poultry Air and Water Quality” – Nancy Cox, KY  
**S-1036** – “Genetic improvement approaches to sustained, profitable cotton production in the United States” – Clarence Watson, OK  
**S-1037** – “Integrative Functional and Physiological Genomics of Poultry” – Rick Roeder, AR  
**S-1039** – “Biology, impact, and management of soybean insect pests in soybean production systems” – Jonathan Edelson, OK  
**SCC72** – “Enhancing Reproductive Efficiency in Cattle” – Nancy Cox, KY  
**SCC81** – “Sustainable Small Ruminant Production in the Southeastern U.S.” – David Morrison, LA  
**SCC82** – “Development of Plant Pathogens as Bioherbicides for Weed Control” – Craig Nessler, TX  
**SERA006** – “Methodology, Interpretation, and Implementation of Soil, Plant, Byproduct, and Water Analyses” – Steve Workman, KY  
**SERA027** – “Nursery Crop and Landscape Systems” - Regina Bracy, LA  
**SERA037** – “The New Hispanic South: Strengthening the Capacity of the Region's Land-Grant University System to Respond” – Reuben Moore, MS  
**SERA042** – “Enhancement of Leadership Capacity in the Food Systems through Coalition Development” – Eric Young, NC

**Action Requested: For information**