

Multistate Research Committee Report Spring 2018

Presenter: Nathan McKinney

Background:

The Southern MRC is composed of Nathan McKinney (Chair), Craig Nessler, and Rick Bennett.

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 9/30/2018

- **S-009** – “Plant Genetic Resource Conservation and Utilization” – Clarence Watson, AR
- **S-1032** – “Animal Production Systems: Synthesis of Methods to Determine Triple Bottom Line Sustainability from Findings of Reductionist Research” – Ron Lacewell, TX
- **S-1041** – “The Science and Engineering for a Biobased Industry and Economy” – Tim Rials, TN
- **S-1054** – “Biobased Fibrous Materials and Cleaner Technologies for a Sustainable and Environmentally Responsible Textile Industry” – Bob Shulstad, GA
- **S-1055** – “Biology, impact, and management of soybean insect pests in soybean production systems” – Rogers Leonard, LA
- **S-1056** – “Enhancing Microbial Food Safety by Risk Analysis” – Steve Lommel, NC
- **S-1057** – “A framework for secondary schools agriscience education programs that emphasizes the STEM content in agriculture” – Lesley Oliver, KY
- **S-1059** – “Peanut Variety and Quality Evaluation Program for Development of Virginia-type Cultivars with High Oleic Trait” – David Monks, NC
- **S-1060** – “Fly Management in Animal Agriculture Systems and Impacts on Animal Health and Food Safety” – Rick Roeder, AR
- **S-1061** – “Nutritional Systems for Swine to Increase Reproductive Efficiency” – Phil Elzer, LA
- **S-1062** – “The importance of U.S. food and agricultural trade in a new global market environment” – Eric Young, NC
- **SCC-13** – “Statisticians Group” – Clarence Watson, AR
- **SCC-84** – “Genetic selection and mating strategies to improve the well-being and efficiency of dairy cattle” – Joe West, GA
- **SERA017** – “Organization to Minimize Nutrient Loss from the Landscape” – Nathan McKinney, AR
- **SERA018** – “Rice Technical Workers Group” – Eric Young, NC
- **SERA025** – “Turf” – John Davis, FL
- **SERA039** – “Public Policy Issues Education” – Lesley Oliver, KY

Replacement Projects/Activities Approved

- **S1071 (S_temp1075)** – “A framework for secondary schools agriscience education programs that emphasizes the STEM content in agriculture” – Lesley Oliver, KY
- **S_temp3662 (NEW)** – “Industrial Hemp Production, Processing, and Marketing in the U.S.” – Lesley Oliver, KY
- **SDC1053** – “Ecological and genetic diversity of soilborne pathogens and indigenous microflora” – Rick Roeder, AR
- **S_temp009 – (replacement for S009)** – “Plant Genetic Resources Conservation and

Utilization” - Bob Stougaard, GA

- **S_temp1072 (replacement for S1062)** – “U.S. Agricultural Trade and Policy in a Dynamic Global Market Environment.” – Eric Young, NC
- **S_temp1073 – (replacement for S1058)** “Biological Control of Arthropod Pests and Weeds” – Saied Mostaghimi, VA
- **S_temp1074 - (replacement for S1032)** – “Future Challenges in Animal Production Systems: Seeking Solutions through Focused Facilitation” – Ron Lacewell, TX
- **S_temp1075 - (replacement for S1041)** - “The Science and Engineering for a Biobased Industry and Economy” – Tim Rials, TN
- **S_temp1076 - (replacement for S1060)** – “Fly Management in Animal Agriculture Systems and Impacts on Animal Health and Food Safety” – Rick Roeder, AR
- **S_temp1077 - (replacement for S1056)** - “Enhancing Microbial Food Safety by Risk Analysis” - Steve Lommel, NC
- **S_temp1078 – (NEW)** – “Cognitive Influence on Teaching, Learning, and Decision Making Around Critical Agricultural and Natural Resource Issues” - Sherry Larkin, FL
- **S_temp1079 – (replacement for S1059)** - “Peanut Variety and Quality Evaluation Program for Development of Virginia-type Cultivars with High Oleic Trait” – David Monks, NC
- **S_tempSCC84 - (replacement for SCC84)** – “Selection and mating strategies to improve dairy cattle performance, efficiency, and longevity” – Joe West, GA

Projects/Activities Terminating 9/30/2019

- **S1063** – “Quantification of best management practice effectiveness for water quality protection at the watershed scale” – Saied Mostaghimi, VA
- **S1064** – “Genetic improvement of adaptation and reproduction to enhance sustainability of cow-calf production in the Southern United States” - Joe West, GA
- **SCC-76** – “Economics and Management of Risk in Agriculture and Natural Resources” – Reuben Moore, MS
- **SERA15** – “Competitiveness and Sustainability of the Southern Dairy Industry” – Joe West, GA
- **SERA41** – “Beef Cattle Production Utilizing Forages in the Southeast to Integrate Research and Extension Programs across State Boundaries: Development” – Phil Elzer, LA
- **SERA43** – “Southern Region Integrated Water Resources Coordinating Committee” – Wes Burger, MS
- **SERA45** – “Crop diversification opportunities to enhance the viability of small farms” – Lesley Oliver, KY
- **SERA46** – “Framework for Nutrient Reduction Strategy Collaboration: the Role for Land Grant Universities” – Eric Young, NC

Terminating without Replacement 9/30/2018

- **SCC-13** – “Statisticians Group” – Clarence Watson, AR
- **SERA039** – “Public Policy Issues Education” – Lesley Oliver, KY

Action Requested: For information