Wednesday, January 25th

8:00 – 8:30 am
Welcome & Introductions
Diana Jerkins, Research Program Director, OFRF
Joanna Ory, Research Program Associate, OFRF

8:30 – 9:45 am
Session 1: Soil Health
Moderator: Diana Jerkins, OFRF

The Potential of Soil Health Building Management Strategies to Improve Resilience and Sustainability of Organic Processing Tomato in California
Anna Azimi, University of California, Davis

Can Locally Derived Effective Microorganisms Improve Organic Broiler Litter Compost?
Kishan Mahmud, University of Georgia

Rethinking P and K Fertility in Coastal Plain Soils
Robin Kloot, University of South Carolina

9:45 – 10:15 am
Break & Poster Viewing

10:15 – 11:45 am
Session 2: Pest Management
Moderator: Doug Crabtree, OFRF

Advances in Biological Control Methods for Control of Key Orchard Pests in the Southeastern U.S.
David Shapiro, USDA Agricultural Research Service

A New Approach for Successful Organic Peach Production
Jane Allran, Clemson University

Shade-cloth Based Permanent Pest Exclusion System for High Tunnel Vegetable Producers
Ayanava Majumdar, Auburn University

Minimum Risk Pesticides for Organic Farmers
Brian Baker, Cornell University
11:45 – 1:15 pm
Lunch

1:15– 2:30 pm
Session 3: Biodegradable Mulches
Moderator: John Snyder, University of Kentucky

- Life Cycle of Biodegradable Plastic Mulches for Specialty Crop Production
  Douglas Hayes, University of Tennessee, Knoxville

- Suitability of Biodegradable Plastic Mulches for Organic and Sustainable Agriculture
  Shuresh Ghimire, Washington State University

- Where the Rubber Meets the Road: Can Biodegradable Mulches Produce Comparable Yields to Black Plastic Mulch for Pumpkin?
  Annette Wszelaki, University of Tennessee, Knoxville

- Impact of Biodegradable Plastic Mulches on Soil Quality and Ecology
  Jennifer DeBruyn, University of Tennessee, Knoxville

2:30 – 3:45 pm
Session 4: Organic Farming Systems
Moderator: Michael Stein, OFRF

- Fall Season High Tunnel Production Effects of Warm Season and Cool Season Crops with Row Covers
  Krystal Conway, Kentucky State University

- Optimizing No-till Cover Crop Management for Organic Vegetable Production
  David Robb, Clemson University

- Effect of Planting Time and Use of Biologically-Based Products on Germination and Survival of the Organic Sweet Corn ‘Luscious’ at Lincoln University’s Alan T. Busby Certified Organic Farm
  Mersha Zelalem, Lincoln University

3:45 – 4:30 pm
Session 5: Poster Viewing

- Olabisi Alamu, Nigerian National Centre for Genetic Resources and Biotechnology (NACGRAB)
  Local Knowledge Development in Organic Agriculture Practices in Nigeria

- Christina Bavougian, University of Nebraska-Lincoln
  Winter Wheat and Cover Crops in Organic Rotations in the Western Corn Belt

- David Douds, USDA Agricultural Research Service
  On-farm Production and Utilization of Arbuscular Mycorrhizal Fungus Inoculum
Amanda McWhirt, University of Arkansas
*Extending the Market Season with High Tunnel Technology for Organic Fruit Production*

Shuresh Ghimire, Washington State University
*Is Soil Sampling with a Soil Core an Accurate Method to Specify the Amount of Mulch Remaining in the Field?*

Aspen Hattabaugh, University of Georgia
*Increasing Plant-available Phosphorus through Effective Microorganism Treatment*

Ali Locker and Karen McSwain, Organic IPM Working Group
*Organic IPM Working Group Poster*

Laura Ney, University of Georgia
*Using Local Effective Microorganisms to Improve Nutrient Use Efficiency of Organic Amendments*

Joanna Ory, Organic Farming Research Foundation (OFRF)
*2016 National Organic Research Agenda*

Ricardo St. Aime, Clemson University
*Cover Crop Influence on Stored Soil Water Availability to Subsequent Crops*

Dahal Subash, University of Georgia
*Strategic-Rotational Grazing in Beef-Pastures for Improving Sustainability as Measured by Soil Health and Forage Productivity*

Xiong Xi, University of Missouri
*Performance Evaluation of Five Sweet Potato Cultivars in North Central Missouri*

4:30 – 6:00 pm
Session 6: Social Science
Moderator: Brian Baker, Cornell University

Joseph Heckman, Rutgers University
*Parallels in the Raw Milk and Organic Agriculture Movements*

Timothy Delbridge, Cal Poly State University
*The Nature of Spatial Externalities in the Decision to Adopt Organic Production Systems*

Maria Bowman, USDA Economic Research Service
*The Changing Geography of U.S. Organic Production*

Leah Sandler, Purdue University
*Adoption of Industrial Hemp by Organic Farmers in Indiana: An Agronomic and Social Perspective*
Thursday, January 26th

8:00 – 9:10 am
Session 7: Organic Crop Breeding
Moderator: Marion Simon, Kentucky State University

The Effect of Sowing Density on Biomass Production of Autumn Sown Fava Bean and Lupin: Opportunities for improvement via Selection
Erik Landry, USDA Agricultural Research Service

Conventional Breeding (non-GMO) of Tomatoes for Insect Resistance
John Snyder, University of Kentucky

Improving Plant Genetics for Soil Health and Organic Production
Mark Schonbeck, Organic Farming Research Foundation

9:10 – 10:30 am
Session 8: Organic Economic Trends
Moderator: Brian Baker, Cornell University

Understanding Organic Feed Grains Prices
Gustavo Ferreira, USDA Economic Research Service

Using Census Data to Analyze the Relative Resiliency of Organic and Conventional Wheat
Carolyn Dimitri, New York University

Motivations and Challenges of Farmer Transition to Organic Farming: United Status and Oregon Studies
Garry Stephenson and Lauren Gwin, Oregon State University

10:30 – 11:00 am
Evaluation, Discussion, and Closing Remarks

THANK YOU FOR ATTENDING THE 2017 ORGANIC AGRICULTURE RESEARCH SYMPOSIUM!

For full abstracts of the presentations, please visit: ofrf.org/oars2017