

2017 NYSAES Research Symposium Schedule of Events

(All Symposium events taking place in the Jordan Hall Auditorium, NYSAES campus)

8:30 – 9:00 a.m.	Light Breakfast and Networking
9:00 – 10:00 a.m.	Keynote address Dr. Samuel Crowell, U.S. Department of State
10:00 – 10:10 a.m.	<i>Break</i>
10:10 – 10:30 a.m.	Dr. Nicole Russo, USDA APHIS <i>Science based careers in the U.S. Government</i>
10:30 – 11:00 a.m.	Session: It Starts with the Soil Natalie Bray <i>Comparing the effects of pest management practices on soil biological diversity and function in managed ecosystems</i> Adrienne Gorny <i>Extracting genomic DNA from root-knot nematode infested soil using Fe₃O₄ super paramagnetic nanoparticles</i>
11:00 – 11:15 a.m.	<i>Break</i>
11:15 – 12:00 p.m.	Session: Apple Research in the Big Apple State SeungHyun Ban <i>Targeted genome sequencing analysis reveals high conservativeness of the low acid allele of the fruit acidity gene Ma1</i> Matthew Boucher <i>Identifying and detailing the role of insects in the spread of Erwinia amylovora, a devastating disease of rosaceous crops</i> Laura Dougherty <i>Towards a better understanding of apple fruit acidity: from Ma1 to Q8</i>
12:00 – 1:00 p.m.	<i>Lunch</i>
1:00 – 1:45 p.m.	Session: Posters Masoume Amirkhani <i>Improving seedling growth uniformity and seed vigor index by using plant-based protein seed coating in tomato and broccoli</i> Chase Crowell <i>Exploring population dynamics of Melampsora spp. willow rust in the Northeast United States</i> Elsa Desnoues <i>The impact of genetic resistance to fire blight in apples and interaction with bacterial strains on precision in disease risk and severity assessment</i> Lori Koenick <i>Development and validation of microsatellite markers for quantifying genetic diversity of Pleospora betae</i> Larissa Osterbaan <i>Characterization of a symptom determinant of grapevine fanleaf virus suggests a novel function for its RNA-dependent RNA polymerase</i> Victoria Poplaski <i>Genetic diversity of Spissistilus festinus (Say) populations</i> Michael Wolfin <i>Olfactory- based host location in a specialist phytophagous insect: Odor object or habitat cue?</i>
1:45 – 3:00 p.m.	Session: Breadth and Depth of Geneva Research Elizabeth Cieniewicz <i>Diversity and seasonal distribution of grapevine red blotch virus candidate vectors in a diseased vineyard</i> Craig Carlson <i>Geneva, NY - Where the willows are always above average</i> Al Kovaleski <i>Kinetics of grapevine bud acclimation and deacclimation in response to temperatures</i> Chris Peritore <i>Proteomic insights into the biology of Clavibacter michiganensis subsp. michiganensis</i> Megan Hall <i>The role of Drosophila spp. in the sour rot disease complex in grapes</i>
3:00 – 4:00 p.m.	Reception and Networking <i>Hosted by the Student Association of the Geneva Experiment Station (SAGES)</i>