

TWENTY-SEVENTH ANNUAL RUTGERS TURFGRASS SYMPOSIUM

School of Environmental and Biological Sciences, Rutgers University

January 12, 2018

Foran Hall, Room 138A

Friday, January 12, 2018

8:30 - 9:00 AM Registration, Posters, Coffee and Donuts

9:00 - 10:00 AM SESSION I: Turfgrass Microbiomes
(Moderator: Dr. Ning Zhang)

9:00 – 9:20 **Dr. James F. White** (Rutgers University, Department of Plant Biology)
Seed-Vectored Bacterial Endophytes of Grasses: What Are They and How Do They Work?

9:20 – 9:40 **Glen Groben** (Rutgers University, Department of Plant Biology)
Microbiomes Associated with Tall Fescue Under Drought Stress

9:40 – 10:00 **Dr. Joseph Roberts** (University of Maryland, Department of Plant Science and Landscape Architecture) *Understanding Factors that Impact the Developing Turfgrass Microbiome*

10:00 - 10:30 AM Discussion and Coffee Break

10:30 – 11:10 AM SESSION II: Weed Science
(Moderator: Dr. Stacy Bonos)

10:30 – 10:50 **Trent M. Tate** (Rutgers University, Department of Plant Biology)
Breeding Fine Fescues for Increased Tolerance to Mesotrione

10:50 – 11:10 **Dr. Matt Elmore** (Rutgers University, Department of Plant Biology)
Early Efforts to Understand and Control False-Green Kyllinga and Goosegrass

11:10 – 11:20 AM Discussion session

11:20 – 12:00 PM KEYNOTE: Federal Funding in Turfgrass Science
Dr. Jeffrey Steiner (USDA – NIFA, Institute of Food Production and Sustainability) *Resourcing the Next Generations of Turfgrass Science*

12:00 - 1:00 PM Lunch and Poster Session

- 1:00 – 2:10 PM** **SESSION III: Turfgrass Management and Stress Physiology**
(Moderator: Dr. James Murphy)
- 1:00 – 1:30 **Mark Kuhns** (Director of Grounds, Baltusrol Golf Club) *Building a Successful Career in Golf Course Management: It's More than Just Growing Grass*
- 1:30 – 1:50 **Brad Park** (Rutgers University, Department of Plant Biology) *Assessing Turfgrasses for Suitability on Two New Jersey Roadside Sites*
- 1:50 – 2:10 **Dr. Bingru Huang** (Rutgers University, Department of Plant Biology) *Regulatory Mechanisms of Turfgrass Stress Tolerance*
- 2:10 – 2:30 PM** **Discussion and Coffee Break**
- 2:30 – 3:30 PM** **SESSION IV: Pest Biology and Management**
(Moderator: Dr. Albrecht Koppenhöfer)
- 2:30 – 2:50 **Dr. Shaohui Wu** (Rutgers University, Department of Entomology) *Reproductive Diapause in the Annual Bluegrass Weevil*
- 2:50 – 3:10 **Kyle Genova** (Rutgers University, Department of Plant Biology) *Soil pH Effect on Anthracnose of Annual Bluegrass Turf*
- 3:10 – 3:30 **Austin Grimshaw** (Rutgers University, Department of Plant Biology) *Evaluation of Pathogenicity for a Newly Discovered Summer Patch Causal Pathogen*
- 3:30 - 3:45 PM** **Discussion and Closing Remarks**
- 3:45 PM** **Social Hour and Poster Session**