TWENTY-FOURTH ANNUAL RUTGERS TURFGRASS SYMPOSIUM

School of Environmental and Biological Sciences, Rutgers University
January 16, 2015
Foran Hall, Room 138A

Friday, January 16, 2015

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

9:00 - 10:00 AM   SESSION I: BREEDING
(Moderator: Dr. Thomas Molnar)

9:00 – 9:20   Dr. Lindsey Hoffman (Department of Plant Biology and Pathology, Rutgers University) *Breeding Switchgrass for Improved Resistance to Anthracnose Disease*

9:20 – 9:40   Dr. William Meyer (Department of Plant Biology and Pathology, Rutgers University) *Overcoming the Challenges of Breeding Cool-Season Turfgrasses for Low-Input Turf*

9:40 – 10:00   Megan Muehlbauer (Department of Plant Biology and Pathology, Rutgers University) *Genetic Characterization of New Eastern Filbert Blight Resistant Germplasm from Turkey, Latvia, and Lithuania*

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

10:30 – 12:00 PM   SESSION II: STRESS TOLERANCE/PHYSIOLOGY
(Moderator: Dr. Bingru Huang)

10:30 – 10:50   Dr. Yiwei Jiang (Department of Agronomy, Purdue University) *Association Mapping of Abiotic Stress Tolerance in Turfgrass: Opportunities and Challenges*

10:50 – 11:10   David Jespersen (Department of Plant Biology and Pathology, Rutgers University) *Development and Confirmation of Candidate Gene Markers for the Selection of Heat Tolerant Bentgrass*

11:10 – 11:20 AM   Discussion session

11:20 – 12:00   Keynote: Dana Lonn, P.E. (Managing Director CATT, The Toro Company) *Emerging Technologies in Turfgrass Management*
12:00 - 1:00 PM  Lunch and Poster Session

1:00 – 2:00 PM  SESSION III: ENDOPHYTES
(Moderator: Dr. Ning Zhang)

1:00 – 1:20  Dr. Faith Belanger (Department of Plant Biology and Pathology, Rutgers University) *Epichloe festucae-Festuca rubra Interactions*

1:20 – 1:40  Dr. James White (Department of Plant Biology and Pathology, Rutgers University) *Growth-Promoting Endophytes in Turfgrass*

1:40 – 2:00  Dr. Thomas Gianfagna (Department of Plant Biology and Pathology, Rutgers University) *Creating Safer Pasture Grass through Chemical and Biological Analysis and Selection of New Tall Fescue (Festuca arundinacea Schreb.) Germplasm*

2:00 – 2:30 PM  Discussion and Coffee Break

2:30 – 3:30 PM  SESSION IV: PATHOLOGY / PEST MANAGEMENT
(Moderator: Dr. Donald Kobayashi)

2:30 – 2:50  Lisa Beirn (Department of Plant Biology and Pathology, Rutgers University) *Metagenomic Insights into the Microbial Community Structure of Poa annua Turf*

2:50 – 3:10  Dr. John Inguagiato (Department of Plant Science and Landscape Architecture, University of Connecticut) *Enhancing Cultural Management of Anthracnose and Summer Patch: the Ultimate Solution*

3:10 – 3:30  Dr. Albrecht Koppenhöfer (Department of Entomology, Rutgers University) *Towards Sustainable Management of the Annual Bluegrass Weevil*

3:30 - 3:45 PM  Discussion and Closing Remarks

3:45 PM  Social and Poster Session