

64th Annual SNA Research Conference Schedule

Monday, January 6, 2020

- 1:00 p.m. - 2:00 p.m. Load Talks
- 2:00 p.m. - 4:20 p.m. Bryson L. James Student Research Competition

Tuesday, January 7, 2020

- 9:00 a.m. - 10:00 a.m. Load Talks
- 10:00 a.m. - 10:30 a.m. Container Grown Plant Production
- 10:30 a.m. - 10:40 a.m. Economics and Marketing
- 10:40 a.m. - 10:50 a.m. Floriculture
- 10:50 a.m. - 11:00 a.m. Plant Breeding and Evaluation
- 11:00 a.m. - 11:10 a.m. Propagation
- 11:10 a.m. - 11:20 a.m. Water Management
- 12:00 p.m. - 1:30 p.m. SNA PowerLunch Session Luncheon and Awards Presentation

Monday, January 7, 2020

BRYSON L. JAMES STUDENT RESEARCH COMPETITION

2:00 PM - 2:20 PM B.S. Candidates

- NC Physical Properties and pH Response to Peat and Pine Bark Amended with Pine Tree Substrate
Jake C. Hudgins and Brian Jackson
- MS Spring Propagation of Pascagoula Crape Myrtle
J. Skylar Baldwin, Patricia R. Knight, Scott L. Langlois, Eugene K. Blythe, Jenny B. Ryals, Christine E. H. Coker, Gary R. Bachman, and Jim DelPrince

2:25 PM - 3:15 PM M.S. Candidates

- TN Optimization of Phytophthora Effective Systemic Fungicides for Ambrosia Beetle Management
Vivek Ojha, Jason Oliver, Karla Adesso, Fulya Baysal-Gurel, Nadeer Youssef and Terri Simmons
- TN Comparative Performance of Fungicides and Biorational Products in Managing *Botrytis cinerea* in Hydrangea Cut Flowers
Ravi Bika, Terry Simmons and Fulya Baysal-Gurel
- NC Characterizing Water Uptake Efficiency of Peat and Pine Bark Substrates by Two Irrigation Delivery Methods
Brian A Schulker, Brian E Jackson and William C Fonteno
- TN Impact of Cover Crop Usage on Soilborne Diseases in Field Nursery Production
Milan Panth, Terri Simmons and Fulya Baysal-Gurel
- TN Managing Flatheaded Borer In Woody Ornamental Production Systems
Axel Gonzalez, Jason Oliver, Paul O'Neal and Karla Adesso

3:20 PM - 4:30 PM Ph.D. Candidates

- NC Environmental Fate of Herbicides in Rain Gardens
Paige Herring, Helen T. Kraus, Travis Gannon, and Joe Neal
- GA Seed Development and Germination Rates Among *Asclepias* Hybrids
Mary Lewis, Matthew Chappell, Paul Thomas, Dongin Zhang, John Ruter, Ali Missaoui, and Ockert Greyvenstein
- TN Management of Phytophthora Root and Crown Rot Using Biofumigation on Field Grown Boxwood
Sandhya Neupane and Fulya Baysal-Gurel
- KY Generation and Phenotypic Characterization of a Hypomethylated Population of Soybean
Tajbir Raihan, Kendall Corbin, Makenzie Goodness, Kiflu Tesfamichael, Montserrat Salmeron and Carlos M. Rodriguez Lopez
- TN Investigation of copper-resistance in *Pseudomonas syringae* pv. *syringae* strains from cherry
Cansu Oksel, Fulya Baysal-Gurel and Mustafa Mirik
- MS Effect of Honey and Auxin during Propagation of 'Red Cascade' Miniature Rose
Anthony T. Bowden, Patricia R. Knight, Christine Coker, Scott A. Langlois, Sean Broderick, Eugene K. Blythe, Jenny Ryals, Hamidou Sakhanokho and Ebrahiem Babiker

Tuesday, January 7, 2020

10:00 AM - 10:30 AM Container Grown Plant Production

- MD Applications of Growth Regulators in Nursery Crop Production
John Erwin

MD The Nuts and Bolts of Keeping Your Roots!
John Erwin

NC Current and Future Research Efforts in
Substrate Science
Brian E. Jackson

Publication Only

FL Nitrogen and Phosphorus Loss from a Pine
Bark and Peat Substrate Without Fertilizer
Tom Yeager

10:30 AM - 10:40 AM
Economics and Marketing

FL Update on The State of the Green Industry:
2019 National Nursery Survey Results
Hayk Khachatryan, Alan Hodges, Charlie Hall
and Marco Palma

Publication Only

TN Changes in Market Value of Nursery,
Greenhouse, Floriculture and Sod Sold in
Tennessee: Some Economic Interpretations
Enefiok Ekanem and Mary Mafuyai

10:40 AM - 10:50 AM
Floriculture

MD Getting Annuals and Perennials to Flower
When You Want!
John Erwin

10:50 AM - 11:00 AM
Plant Breeding and Evaluation

MD Comparing Plant Vigor and Nutrient Content of
Containerized Northern and Southern
Highbush Blueberry Plants
Carol D. Allen, Claire Frank, Audra Bissett,
Lukas Hallman, Amelia Loeb, and Chris Walsh

Publication Only

TN Genetic Screening of Bigleaf Hydrangea for
Double-flowering
Lisa Alexander, Xingbo Wu, Madisen Saunders

11:00 AM - 11:10 AM
Propagation

MS Spring Cutting Propagation of South
Mississippi Native Azaleas
Jenny B. Ryals, Patricia R. Knight, Daryl R.
Chastain, Lloyd E. Ryals III, Christine E. H.
Coker, Gary R. Bachman, Jim DelPrince, Patricia
R. Drackett and Anthony T. Bowden

11:10 AM - 11:20 AM
Water Management

SC Tracking Nitrogen from Pot to Reservoir: A SC
Nursery Case Study
Sarah A. White, John C. Majsztrik, William HJ
Strosnider, Lauren M. Garcia Chance, Natasha
L. Bell and Daniel R. Hitchcock

Entomology

Publication Only

TX Host Preference of Parasitoids Imported for
Control of *Acanthococcus lagerstroemiae*
Kuwana on *Lagerstroemia indica* Linnaeus
Kenneth Masloski, John Grunseich, Anjel Helms
and Kevin Heinz

TX Whitefly Populations at the Beginning and End
of Poinsettia Color Production
Erfan K. Vafaie, Mengmeng Gu, Brent
Pemberton, David Kerns, Micky D. Eubanks
and Kevin M. Heinz

TX Field Comparison of Crapemyrtle Bark Scale
Infestations between 'Natchez' and Non-
'Natchez' Cultivars
Kyle Gilder, Mengmeng Gu, Michael Mechant
and Kevin M. Heinz

Pathology and Nematology

Publication Only

TN Management of Black Spot of Rose Using
Fungicides
Fulya Baysal-Gurel, Terri Simmons and
Christina Jennings

VA Evaluating Boxwood Endophyte for Control of
Phytophthora Diseases
Ping Kong and Chuan Hong

12:00 PM - 1:30 PM

SNA PowerLunch Session
Luncheon and Awards Presentation