<table>
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<tr>
<th>Time</th>
<th>Event</th>
<th>Authors/Topics</th>
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<tr>
<td>12:00 noon</td>
<td>Load Presentations</td>
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<tr>
<td>1:00 p.m.</td>
<td>Bryson L. James Student Research Competition</td>
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<td>1:00 p.m.</td>
<td>B.S. Candidates</td>
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<td>1:10 p.m.</td>
<td>M.S. Candidates</td>
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<td>2:30 p.m.</td>
<td>Ph.D. Candidates</td>
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<td>3:40 p.m.</td>
<td>Water Management</td>
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<td>3:50 p.m.</td>
<td>Weed Control</td>
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<td>4:20 p.m.</td>
<td>Propagation</td>
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<td>4:30 p.m.</td>
<td>Engineering Structures and Innovations</td>
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<td>8:00 a.m.</td>
<td>Load Presentations</td>
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<td>9:00 a.m.</td>
<td>Plant Breeding</td>
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<td>9:50 a.m.</td>
<td>Landscape</td>
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<td>10:00 a.m.</td>
<td>Pathology and Nematology</td>
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<td>10:30 a.m.</td>
<td>Entomology</td>
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<td>11:10 a.m.</td>
<td>Container Grown Plant Production</td>
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<td>11:20 a.m.</td>
<td>Economics and Marketing</td>
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<tr>
<td>12:00 noon</td>
<td>Researchers Luncheon and Awards Presentation</td>
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**TUESDAY, JULY 21, 2015**

**12:00 PM – 1:00 PM  LOAD PRESENTATIONS**

**BRYSON L. JAMES STUDENT RESEARCH COMPETITION**

**1:00 PM – 1:10 PM  BS Candidates**

TN Influence of Shading on Container-Grown Flowering Dogwood. Matthew W. Burrows. (Container)

NC Dealing with the Poo: Utilizing a Swine Lagoon Compost to Amend Pine Bark Substrates. M.T. Williams, H.T. Kraus, and E.D. Riley. (Container)

VA Economics of Recapture and Recycling Water in the Horticulture Industry. Nathaniel Ferraro. (Production)

AL Can Interactions Between Native and Non-native Plants in Urban Landscapes Influence Herbivore Abundance and Diversity? C. Scott Clem and David W. Held. (Entomology)

GA Value of Native Plant Cultivars for Supporting Insect Diversity in Residential Landscapes. J.C. Poythress. (Landscape)

NC Embryogenesis and polyploidy induction of *Ophiopogon planiscapus*. Dominic Gillooly and Darren Touchell. (Plant Breeding)

OR Chemical mutagenesis of *Galtonia candidans* L. results in altered morphology and reduced fertility. Kim Shearer Lattier. (Plant Breeding)

**2:30 PM – 3:40PM  Ph.D. Candidates**


AL Mulch Type and Depth Influence Weed Control on Three Major Weed Species in Nursery Container Production. Paul Bartley III, Glenn Wehtje, Anna-Marie Murphy and Charles Gilliam. (Weed Control)

VA Predicting pH of Sphagnum Peat Moss and Pine Bark Substrate when Amended with Ground and Pulverized Lime. Jacob H. Shreckhise, Alex X. Niemiera and James S. Owen, Jr. (Container)

VA Exploring Water Availability of Pine Bark Based Substrates. Jeb S. Fields, James S. Owen, Jr. and Julie Brindley. (Container)

NC Plant and Substrate Impact on Nitrogen and Phosphorus Remediation in Rain Garden Systems. Elizabeth D. Riley. (Landscape)

TN Diversity of Endophytes in Flowering Dogwoods and their Potential Applications. A. Maheshwari, M.T. Mmbaga, J. Joshua, S. Gurung, and A. Alyamani. (Pathology)


VA When to fertigate: The influence of substrate moisture content on nutrient retention in containerized crop production. Simon McPherson, James S. Owen, Jr., Julie Brindley, and Jeb S. Fields. (Container)

3:40 PM - 3:50 PM
WATER MANAGEMENT

TN A Cost Effective Tipping Bucket Assembly for Real Time Container Leachate Measurements and Irrigation Management. Quinn C. Cypher, Wesley Wright and Amy Fulcher.

Publication Only


NJ Assessing Use and Management of Alternative Irrigation Water Sources for Green Industry Activities. Raul I. Cabrera

3:50 PM - 4:20PM
WEED CONTROL

OH Influence of Substrate Type on Weed Seed Germination. James Altland.

FL Cost and Effectiveness of Common Weed Control Strategies in Landscape Planting Beds. S. Christopher Marble and Andrew K. Kooser.

OH Early or Late Dormant Herbicide Applications Significant Effect Efficacy Following Spring in Nursery Fields. Hannah M. Mathers.

Publication Only

OH Phenoxy Herbicide (Clopyralid) as Over-the-top Applications in Taxus and Buxus Nursery Fields for Canada thistle \textit{(Cirsium arvense)} Control. Hannah M. Mathers.

4:20 PM - 4:30PM
PROPAGATION

GA \textit{Camellia sasanqua} Cuttings Responded to Hormones, Cutting Length, and Magnetized Water. Yun Xie, Jiyuan Li, and Donglin Zhang

Publication Only


Publication Only


4:30 PM - 4:40 PM
ENGINEERING, STRUCTURES & INNOVATIONS


Publication Only

FIELD PRODUCTION

NC Incidence and Severity of Buprestid Infestation in Field-grown \textit{Acer platanoides} Related to Cardinal Orientation of Understock Bud Union. Anthony V. LeBude and Craig Adkins.

WEDNESDAY, JULY 22, 2015

8:00 AM – 9:00 AM LOAD PRESENTATIONS

9:00 AM – 9:50 AM
PLANT BREEDING

TN Three New \textit{Cornus kousa} Cultivars from The University of Tennessee. R. N. Trigiano, M. T. Windham and P. A. Wadl.

OR Genome Sizes and Ploidy Levels of Maples. Ryan N. Contreras, Aileen Haddad, Kim Shearer-Lattier and Jason Lattier.

OR Fire Blight Resistance Among Interspecific and Interploidy F1 Hybrids of Cotoneaster. Ryan N. Contreras and Mara W. Fridelle.

TX Lessons Learned After Thirty Years of Ornamental Plant Evaluation at SFA Gardens. David L. Creech.


Publication Only

GA Hybrid Seedling Variations from Magnolia sieboldii K. Koch ’Colossus’ and Magnolia grandiflora L. ’Kay Parris’. Mingmei Wang, Kevin Parris, Yujie Yang, and Donglin Zhang
9:50 AM – 10:00 AM
LANDSCAPE

TN Evaluation of Camellias for Zone 6b. Donna Fare.

Publication Only


MS Shrub Rose Response to Fungicide Application. Susan S. Worthey.

MS Crape myrtle Cultivar Evaluation in Northern Mississippi. R. Crofton Sloan.

10:00 AM – 10:30 AM
PATHOLOGY AND NEMATOLOGY


Publication only


10:30 AM - 11:10 AM
ENTOMOLOGY

TN Preliminary Studies to Develop a Pre-harvest Insecticide Band Application for Quarantine Management of Imported Fire Ant in Field Grown Nurseries - Lessons Learned. Jason Oliver, Anne-Marie Callcott, Nadeer Youssef, Karla Addesso, Alicia Bray, David Oi, Karen Vail, Mark Halcomb, Xikui Wei, Christopher Ranger, Michael Reding, James Moyseenko.


FL A Plant Selector Website to Recommend Plants for Augmenting Regulatory Ecosystem Services in the Coastal Plain. Russell F. Mizell, III, Gary W. Knox and Holly K. Ober.


Publication Only

FL Sultan™ Miticide Phytotoxicity Trial on Herbaceous Greenhouse Plants. Gary W. Knox and Marian Osiecki.


TN Plesiobaris albilata (LeConte), a New Pest of an Introduced St. John's wort, Hypericum calycinum. Frank A. Hale.

11:10 AM - 11:20 AM
Container Grown Plant Production


Publication Only

FL Labor costs of a routine leaching fraction monitoring program to guide irrigation in a container nursery. Jeff Million, Tom Yeager, Tom Saunders and Andrew Saunders.

TX Growth response of Nandina seedlings to soil moisture content. Youping Sun, Genhua Niu, Donglin Zhang.

LA Rice hull ash as a substrate amendment for growing Knock Out rose "Double Red". Yan Chen.

11:20 PM – 12:00 PM
ECONOMICS AND MARKETING

GA Demand and Sales Forecasting Tools and Techniques. Forrest Stegelin.

TX Costs and Carbon Footprint Associated with Selected Nursery Production Systems. Charles Hall.

GA Forecasting Industry Sales. Forrest Stegelin.


Publication Only

LA LSU AgCenter Louisiana Super Plants - 2015 Program Update. Allen Owings.

12:00 PM – 1:30 PM
RESEARCHER'S LUNCHEON AND AWARDS PRESENTATION