**Dates & Location**

RESCHEDULED TO: May 7-8, 2020

TAMPA AREA

UF-JFAS Gulf Coast Research & Education Center
14625 County Road 672
Wimauma, FL 33598

Venue phone: (813) 419-6670

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**Join Us for 2 Full Days**

- An entry-level short course for the novice arborist
- Send newly hired employees for an arboriculture intro course
- Perfect for the arborist studying for the ISA Certification exam
- Arboriculture immersion: understand trees from roots to shoots
- Limited class size (80 seats)

**Earn CEUs:**

ISA - 12.25
BCMA - 2 (M) 6.5 (P) 3.75 (S)
FNGLA - 8
LIAF - 8
LA - 12.25 (optional)

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**Dr. A.D. Ali, Davey Tree Expert Company**

Dr. A.D. Ali has over 25 years’ experience in the Green Industry. As a Senior Scientist within the Technical Services group at the Davey Institute, he provides technical support, conducts applied research, writes technical reports and is an Instructor in the Davey Institute’s arboriculture & lawn care courses. He also provides Horticultural Sciences consulting services including plant problem diagnosis and landscape management. Dr. Ali is currently a Board-Certified Master Arborist.

**Norm Easley, Florida Chapter ISA**

Norm has been active in urban forest management and arboriculture in Florida since receiving his bachelors’ degree in Forestry/Resource Management in 1980 from the University of Wisconsin. He is currently the Chief Executive Officer of the Florida Chapter ISA. Prior to that, he was the Forestry Manager for Sarasota County, Florida for 18 years.

**Dr. Ed Gilman, UF Professor Emeritus**

Dr. Gilman was on the faculty since 1984 as professor in the Environmental Horticulture Department at the University of Florida in Gainesville. He received honorary membership in ASLA in 2016. Ed wrote “Illustrated Guide to Pruning” plus five other books. He received the Authors Citation Award in 1999, the Educators Award in 2003, the research award in 2007, and the Award of Merit in 2016 from ISA. He has published more than 120 scientific peer reviewed journal articles on roots, planting, & pruning trees in his 35 years in academia and industry.

**Dr. Andrew Koeser, UF-GREC**

Dr. Andrew Koeser is an assistant professor who heads the Urban Tree and Landscape Management lab at a University of Florida Gulf Coast Research & Education Center. He studied horticulture at the University of Florida and received a Bachelor of Science Degree in Environmental Horticulture in 1994 and a Master of Science Degree in 1997. Michael served on the Board of Directors for the International Society of Arboriculture (ISA) for eleven years and was the Treasurer for ISA for five years. He has been active with the Florida Chapter ISA since 1997 and served as the Florida Chapter President in 2004.

**Dr. Thomas Smiley, Bartlett Tree Experts**

Dr. Tom Smiley is an arboricultural researcher at the Bartlett Tree Research Laboratory in Charlotte, NC and an adjunct professor of Urban Forestry at Clemson University. Dr. Smiley is active in the arboriculture industry and has co-authored the ISA’s Best Management Practices for Tree Risk Assessment, Lightning Protection, Fertilization, Support Systems, Soil Management and Construction Management. His research has led to improved methods of increasing sidewalk longevity near trees, protecting more trees from lightning damage, improving tree root growth in compacted soil using the patented Root Invigoration process, and predicting tree failures.

**Dr. Jason Smith, UF-IFAS Gulf Coast Research & Education Center**

Dr. Jason Smith is assistant professor of forest pathology in the School of Forest Resources and Conservation at the University of Florida. He received his Bachelor of Science Degree in Environmental Horticulture in 1997 and a Master of Science Degree in 1997. Michael served on the Board of Directors for the International Society of Arboriculture (ISA) for eleven years and was the Treasurer for ISA for five years. He has been active with the Florida Chapter ISA since 1997 and served as the Florida Chapter President in 2004.

**Dr. A.D. Ali, Senior Scientist, Davey Tree Expert Company**

Dr. A.D. Ali, Senior Scientist, Davey Tree Expert Company

**Norm Easley, Florida Chapter ISA**

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**Day 1: Thursday, May 7, 2020**

8:00 to 8:30 Registration with Continental Breakfast
8:30 – 9:30
Basic Tree Functions - Tree Crown Structure & Architecture
Dr. Ed Gilman, UF Professor Emeritus

9:30 – 10:15
Tree Root System Management: from Seed to Maturity
Dr. Ed Gilman, UF Professor Emeritus

10:15 – 10:30 Break
10:30 – 11:15
Tree Health Diagnostic Process
Dr. A.D. Ali, Senior Scientist, Davey Tree Expert Company

11:15 – Noon
ID and Management of Common Tree Insect Pests
Dr. A.D. Ali, Senior Scientist, Davey Tree Expert Company

Noon – 1:00 Lunch (provided)
1:00 – 2:15
Young Tree & Mature Tree Pruning (Indoor/Outdoor)
Dr. Ed Gilman, UF Professor Emeritus

2:15 – 3:00
Selecting and Purchasing Trees
Michael Marshall, Manager, Marshall Tree Farm

3:00 – 3:15 Break
3:15 – 4:00
How Trees Respond to Injury & Stress
Dr. Ed Gilman, UF Professor Emeritus

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**Day 2: Friday, May 8, 2020**

8:00 to 8:30 Continental Breakfast
8:30 – 9:30
Managing Mature Trees in Urban Landscapes
Norm Easley, Florida Chapter ISA

9:30 – 10:15
Arboriculture Standards: Cabling, Lightning, Pruning, Fertilization & More
Dr. Tom Smiley, Bartlett Tree Expert Company

10:15 – 10:30 Break
10:30 – 11:15
Tree Fertilization
Dr. Tom Smiley, Bartlett Tree Expert Company

11:15 – Noon
Cabling, Bracing & Lightning Protection
Dr. Tom Smiley, Bartlett Tree Expert Company

Noon – 1:00 Lunch (provided)
1:00 – 1:45
The Tree Disease Diagnosis Process
Dr. Jason Smith, UF Professor, Gainesville

1:45 – 2:15
Common Southeast US Tree Diseases & How to ID Them
Dr. Jason Smith, UF Professor, Gainesville

2:15 – 3:00
Tree Planting
Dr. Andrew Koeser, UF Professor, GCREC

3:00 – 4:00
Evaluating and Managing Risk in Trees
Dr. Andrew Koeser, UF Professor, GCREC

4:00 Day 2 ends, sign for CEUs

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Please dress for your comfort level;
we cannot always control the room temperature to suit everyone.

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**DIRECTIONS:**
FROM I-75 (north or south). Take Exit 246, merge onto Big Bend Road/CR-672 East toward US-301. Turn right onto US-301/CR-672 and travel approximately 1.4 miles. Turn left onto Balm Road/CR-672 and travel 7.5 miles. The center is located on the south side of Balm Road.
ARBORICULTURE SHORT COURSE: an Entry-Level 2-Day Tree School

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DEVELOPED FOR novice arborists, perfect for arborists studying for the ISA Certification exam. Send us your new employees and we will teach them the basics of arboriculture. Also for urban foresters, contractors, landscape architects, consultants, arborists, urban foresters, nursery operators, master gardeners, HOA managers and anyone in the green industry desiring to enhance their understanding of how trees work and what treatments are appropriate.

Interact with some of the finest educators in the country in their chosen field of expertise and bring home new skills you can use next week in your place of business. The course is designed for landscapers, contractors, landscape architects, consultants, arborists, urban foresters, nursery operators, master gardeners, HOA managers and anyone in the green industry desiring to enhance their understanding of how trees work and what treatments are appropriate.

Indoor presentations will be enhanced by outdoor field exercises and demonstrations where appropriate. Some hands-on experiences will be available. Attendees will see and touch common and new tools used in many aspects of arboriculture. You will come away from this in-depth experience with a new insight into how trees work and why treatments work.

Beginners with little tree knowledge will come away with a solid understanding of trees. We focus on the scientific basis of tree care and will offer all the latest technology and approaches to solving complex tree challenges. This course will also aide those wishing to take the ISA Certified Arborist exam.

* GROUP DISCOUNT! Register 5 people, the 6th person attends FREE!

1 ______________________________________________  2 _____________________________________________
3 ______________________________________________  4 _____________________________________________
5 ______________________________________________  6 FREE _________________________________________

Member Number (to get mem pricing) __________________ Company __________________
Address __________________________________ City/State/Zip _______________
Phone __________________________________________
Email (needed for sending a receipt and a class reminder) _____________________________________________

# of vegetarians in your group ______

ISA Members & Guests... $325 each x ________ = $ ______________ (up to 5 guests at member rate)
Non-member... $365 each x ________ = $ ______________

LATE REGISTRATION FEES begin on May 2nd at midnight: ADD $40/person for the 2-day event and CALL 941-342-0153 to register.

ALL AT-THE-DOOR REGISTRATION FEES IF AVAILABLE - call first to check: $400/person

Cancellation refunds honored if requested 7 days before each seminar. Attendee substitutions will be honored.

Register online, Link at: www.floridaisa.org
Register by mail: Florida Chapter ISA 7853 S Leewynn Court - Sarasota, FL 34240
FEIN #65-0667299
Register by fax: 941-342-0463
Questions? Call: 941-342-0153
Credit Card Information: Print clearly, all information is required
Visa, MasterCard, Discover, American Express

Card Number ___________________________________ Expiration Date ____________ Security Code (3 or 4 digits) ____________
Exact name on card _____________________________
Card billing address _______________________________
Card billing City/State/Zip ________________________