

Fall 2016  
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## Professor Ed Gilman: A legacy of tree growth

UF/IFAS News - June 3, 2016

GAINESVILLE, Fla. — Among his legacies, Ed Gilman wants to make sure trees don't snap in Florida's tropical storm-force winds.

When Gilman retired in June from the University of Florida Institute of Food and Agricultural Sciences, he pointed at several crowning achievements in his career.

Now, at age 62, Gilman will spend more time with family, of course, and do more woodworking, "working with dead trees instead of live trees," he deadpanned.

Gilman, without sounding immodest, listed a few other proud accomplishments:

- The International Society of Arboriculture (ISA), landscape architects and urban tree experts started sharing ideas with each other more readily.
- The Florida Chapter of the ISA has set up a fund for tree research and a license plate, the funds from which go to arboriculture research. Those tags raised \$380,000. Gilman also is



helping to set up a \$100,000-a-year Florida ISA fund for arboriculture research.

- After Florida's active tropical storm season of 2004, Gilman started studying how to make sure trees don't fall over in high winds. He and his colleagues discovered fewer trees snap in strong winds if they're pruned regularly.

*Ed Gilman continued on page 4*

# A Message From the President



Dear Florida Chapter ISA Members,

The Trees Florida 2016 Conference was exceptional! You likely know this from your attendance or learning about it from colleagues. This is the time of year in which we come

together to stay current in the arboriculture industry. I received comments from many participants and exhibitors of this year's conference and learned that they felt it was the best Trees Florida Conference yet! They thought the education program was excellent and that the tradeshow setup this year provided more traffic and interest. There were 297 participants this year who enjoyed the event!

I especially want to thank our Conference Chair Kim Pearson and her committee for planning and executing such a great conference. We appreciate all of the special events that her team organized. This includes all of the social events such as the Past Presidents Picnic, the Pub Crawl, and the Monday Night Social at the Sandbar (which became Dr. Ed Gilman's retirement party!) Nicely done!

I want to thank our current Education Chair Ms. Lori Ballard and her committee for putting together a world class line-up of educators. Thank you to our speakers, committees and the volunteers that made the conference possible.

And finally, a special thank you to our Florida Chapter ISA CEO, Norm Easey and staff, Patty and Jan. We couldn't have the conference without their help.

The 2017 Trees Florida will be held at the Hammock Beach Resort in Palm Coast, Florida. This location features beachfront, multiple pools, a lazy river and golf. Bill Armstrong will chair that conference along with his lovely wife Pamela. He is excited about organizing the event and he is currently looking for volunteers to perform various tasks during the event. If you're interested please contact Bill or the Chapter office.

We are already preparing for Trees Florida 2018, in southwest Florida. This would include the Naples and Ft. Myers areas. Rick Joyce volunteered to chair the event for 2018.

The 2016 Florida TCC is scheduled for October 15th-16th at Moss Park in Orlando. If you would like to sponsor or help with the climbing event, please contact Adam Jackson. Adam - TCC chair and Julie Iooss - Field Day Chair and their committees are planning a wonderful TCC and Field Day event for climbers, their families and spectators! I encourage everyone to attend to support our climbers and the Florida Chapter.

2016 - Tour des Trees in Charlotte, North Carolina  
 Donate to support your favorite rider or team in the Tour des Trees bike race. Dollars raised will go to the Tree Research and Education Endowment Fund (TREE Fund). We are proud to support four Florida riders for the 2016 Tour des Trees in Charlotte, North Carolina: Chuck Theurer, Andy Kittsley, Scott Davis, and Cheyenne Quigley. Our riders can use encouragement and funding for their participation.

*Bonnie Marshall*  
 President, Florida Chapter ISA

"In the woods we return to reason and faith." - Ralph Waldo Emerson

## MEMO BOARD

Florida Chapter TCC  
 Orlando - Moss Park  
 October 15-16, 2016

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Practical Tree ID  
 Miami - August 31 2016

▷ [Register Online](#)

Orlando - September 23, 2016

▷ [Register Online](#)

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Pruning PLUS  
 with Ed Gilman and Mark Chisholm  
 Tampa - September 13

▷ [Register Online](#)

Fort Lauderdale - October 12, 2016

▷ [Register Online](#)

▷ [Click here for flyer pdf](#)



## UPDATE YOUR ADDRESS BOOK!

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**Florida Chapter Standby Interim Director:**  
 Dr. Andrew Koeser

**Administration**  
 Norm Easey, Chief Executive Officer  
 Jan Easey, Admin. Assist.  
 Patty Morrison, Admin. Assist.

**We honor and thank the Florida Chapter ISA Past Presidents**

2015 - Celeste White  
 2014 - Dr. AD Ali  
 2013 - Patrick Miller  
 2012 - Eric Hoyer  
 2011 - Don Winsett  
 2010 - David Reilly  
 2009 - Mike Robinson

2008 - Mary Edwards  
 2007 - Rick Joyce  
 2006 - Rick Joyce  
 2005 - Bruce Smith  
 2004 - Michael Marshall  
 2003 - Perry Odom  
 2002 - Perry Odom

2001 - Loren Westenberger  
 2000 - Dane Buell  
 1999 - Dr. Ed Gilman  
 1998 - Richard Bailey  
 1997 - Joe Samnik  
 1996 - Joe Samnik

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*Ed Gilman continued from page 1*

The environmental horticulture professor said he'll miss writing and revising articles for scientific journals. "As painful as it is to write these things, I'm going to miss the process because it's an intellectual challenge," Gilman said.



*Ed Gilman, a UF/IFAS professor of environmental horticulture, examines the trunk of a tree toppled by hurricanes. He said the most important thing to remember in an urban environment is the location of the trees, planting them so their roots are not affected buildings, curbs, driveways or sidewalks. Gilman retired in June after 30 years with UF/IFAS.*

Born and raised in New Jersey, Gilman earned his bachelor's, masters and doctoral degrees at Rutgers University. One day in his youth, Gilman saw a couple of trees being planted outside his house, he saw them eventually grow and that was it: He decided to study trees for a living. He came to UF/IFAS in 1986, based on Florida's climate. But it had more to do with how quickly trees can grow here. The faster the growth, the faster he could conduct his research.

Gilman taught one course every two years: an online course in arboriculture. But was atypical from most online courses in that he asked students to spend considerable time justifying why they would plant trees in certain places and how well those trees would grow. In other words, they didn't just sit in their living rooms and log onto their computers.

Gilman loves to see and hear how he's changed the way people think and approach their tree issues after he gives a presentation or after he simply sits down to chat with them.

Apparently, he's influenced many people.

Take former doctoral student Jake Miesbauer, Gilman's most recent Ph.D. student (2008-2013), who now works for the Morton Arboretum in Lisle, Illinois.

"He challenged me to question everything and validate every assumption...the arboriculture and nursery industries will undoubtedly have a void to fill," Miesbauer said.

Mike Marshall, co-owner of Marshall Tree Farm in Morriston, Florida, said Gilman has made "outstanding contributions in the field of hurricane tree research, tree root management, tree pruning and landscape water management."

Gilman's research has helped growers produce healthier, stronger trees, Marshall said. An example can be found in tree root management. One of the most important problems in container-grown trees is the development of root defects. Gilman is finding practical solutions to these problems, Marshall said.

Colleague Andrew Koeser, an assistant professor of environmental horticulture at the UF/IFAS Gulf Coast Research and Education Center in Balm, Florida, wrote a letter to the ISA, supporting Gilman's nomination for an Award of Merit.

"By all accounts, Ed has had a long career of outstanding and meritorious service to the industry," Koeser wrote. "Through his untiring research and education efforts, Ed has created or refined many of the principles, ideals and practices currently embraced by professionals in our field. In particular, Ed has significantly influenced how mature trees are pruned and how nursery materials are produced."

Long-time friend and colleague, CEO of the Florida Chapter ISA Norm Easey added, "Dr. Gilman has played a central role in shaping how arboriculture is practiced all over the world, and more specifically right here in Florida. In addition to contributing vital tree knowledge through his lifetime of arboricultural research, Dr. Gilman has been a central administrative force in shaping numerous, and often contentious, tree-related issues.

A few key efforts of Dr. Gilman include: his role on the Florida ISA Board of Directors since its inception in 1996; the two revisions of the Florida Nursery Grades and Standards; his role as Education Chair for Florida ISA, designing 24 annual statewide arboriculture seminars; his role in teaching young arborists in many of those 24 annual seminars; his creation and management of the annual Great Southern Tree Conference; and many others. Consequently, the arboriculture industry owes Dr. Gilman a great deal of gratitude for numerous arboricultural advancements and for making Florida a national leader in arboricultural and tree-related matters."

Credit: UF/IFAS file.

By: Brad Buck, 352-294-3303, bradbuck@ufl.edu ❖

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## Hats Off to Dr. Ed Gilman

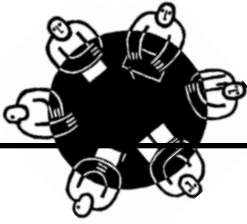
The Florida Chapter ISA surprised Dr. Ed Gilman with a retirement celebration at the recent Trees Florida 2016 Conference. The standard "Monday Night Social", held this year at the Delray Beach Sandbar Restaurant, was transformed into a gathering of arboriculture family and friends wanting to wish Ed the best in his retirement from the University of Florida.

With help from Ed's wife Betsy, the secret was kept hush-hush until Ed arrived. The unexpected welcome and applause upon his arrival took him by surprise. Along with the cheering, balloons and cake, Ed was presented with a framed photograph by Clyde Butcher. During the conference, attendees were given the opportunity to sign a memory book as well.

Hats off to Dr. Ed Gilman! Thank you for all you have done for Florida Chapter ISA since its inception. We wouldn't be where we are now without your input. Best of luck in your retirement, Ed.



*FL ISA CEO presents Dr. Gilman with a Clyde Butcher photo as a thank you gift from Florida Chapter ISA.*



# Florida Chapter Board Updates

## BOARD SHORTS:

### Trees Florida Thanks



Thanks to everyone who attended and helped make the Trees Florida 2016 Conference and Trade Show in Delray Beach a big success! The board thanked 2016 Conference Chair Kim Pearson and her talented committee for all their efforts for an educational and fun conference.

Mark your calendar for next year's conference! The board voted to approve next year's conference location as Hammock Beach in NE Florida on June, pending contract negotiations. Block off June 11-12-13, 2017 on your calendar and watch for future announcements! If you live in NE Florida and are interested in volunteering at the conference, contact 2017 Conference Chair Bill Armstrong at [armstrongtree@comcast.net](mailto:armstrongtree@comcast.net).

### Saluting Branches



The Florida Chapter board reminds our members to consider volunteering their services at the "Saluting Branches: Arborists United for Veteran Remembrance" day of service in Bushnell, FL. Join the many other tree care professionals throughout the country to unite and do what you do best – provide exceptional tree care – to keep veterans cemeteries safe, beautiful places for all those who visit. The Florida site is at the Florida National Cemetery, 6502 SW 102nd Avenue. Bushnell FL 33513; Phone: 1-844-922-1151. [Click here to sign up.](#)

### John White Scholarship Awarded



The Florida ISA board is please to award the Fall 2016 John White Scholarship to Mr. Daniel Lippi of St. Augustine, FL.

Daniel is a graduate student at the University of Florida, planning to graduate in 2018. He has been a Certified Arborist for 7 years and is member of both FUFC and ISA. He worked in the field of arboriculture for six years as a consultant after becoming certified. He plans to pursue soil and water science, knowing that soil and the rhizosphere are critical to the health and survival of a tree, especially during construction. Best of luck to you, Daniel.

The John P. White Memorial Scholarship was established by FUFC and the Florida Chapter ISA to support education in the arboriculture/urban forestry industry through scholarships in the sum of \$1250.00 per semester for qualifying students. It is hoped that the John P. White Memorial Scholarship will provide deserving students the opportunity to develop into a new generation of dedicated individuals for the arboriculture/urban forestry industry of tomorrow.





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ALSO PICTURED: JACK VOGEL, PRESIDENT

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# Trees Florida 2016: THANK YOU

This year’s Trees Florida Conference and Trade Show was a bang-up success in everyone’s book! We hope you were able to attend and participate in some of the finest educational sessions, as well as get in some fun with the various social events! If you missed it, we certainly hope to see you next June in NE Florida at the Hammocks Beach Resort; negotiations are ongoing as you read this.

Conference Chair Kimberly Pearson once again worked side-by-side with her merry band of minions to put together a memorable conference. From the pre-conference Past Presidents’ Picnic/Gumbo Limbo Nature Tour, to helping with the planning the Monday Night Social at the Sandbar Restaurant, Kim’s input made for a wonderful conference. Kim also had her hand in helping plan the local academy at nearby Mounts Botanic Gardens on Sunday. Thanks Kim, along with your assistants! It takes a village of minions ...

Many thanks to Education Chair Lori Ballard and the entire Education Committee for developing another interesting and pertinent educational program this year! The educational program is the backbone of the annual conference and we had many good comments about this year’s program and speakers.

Eric Hoyer did a great job of organizing exhibitors this year and canvassing for sponsors. The successful Sunday Welcome Reception

created some great new business relationships between attendees and vendors.

Hats off to Wade Collum for putting a new spin on the TREE Fund Silent Auction room. Along with the annual Silent Auction - his new “Ring Around the Bottle” ring-toss game proved to be very popular as everyone tried (unsuccessfully) for the Jack Daniels bottle tucked in the midst of a variety of wine bottles. Thanks to all of YOU who donated items to the Silent Auction, making it a big success.

Thanks goes out to Danae Jackson and Orli Zimmerman for planning what is becoming a conference tradition: the TreesAreCool Pub Crawl! An easy trolley or cart ride down the street and an amble back to the hotel covered enough ground for visits to 4 different establishments. It was a fun evening of Trees Florida comradery.

Others working behind the scenes included Kim Duffy, Glenda Hall, Julie Iooss, Kris Stultz, Mark Torok and Celeste White. Thanks, Erik Nobs, for proctoring the Certification Exam. A grand thank you to all those who helped Patty at the registration desk and everyone at the stuffing/prep event. Thanks to everyone – and our apologies if we have forgotten anyone!



Speaker Scott Shultz: Writing Pruning Specs



Up to our elbows in t-shirts!



Speaker Lori Ballard: the newly revised Species Rating List



20-years and soaring to new heights!



Luncheon Speaker Brian French: Ascending the Giants





Patrick Miller, Lori Ballard, Rick Joyce, Kim Pearson and Wade Collum join in the festivities with Norm Easey



The crowd congratulates Ed Gilman on his retirement



Glenda Hall and Kim Duffy relax at the Monday Night Social at the Sandbar Restaurant – thanks for volunteering!



Danae Jackson and Mariellen Calabro network with a Trees Florida exhibitor.



We couldn't have done it without you both, Kim and Wade!



The Zimmermans – no sibling rivalry here!



Betsy Gilman (left) looks forward to retirement too!



Everyone enjoyed the outdoor social.



Speaker Bruce Fraedrich spends a bit of time with past board members Tammy Kovar and Kris Stultz

# News From International

## ELECTION RESULTS:

### **ISA Board of Directors and NEC**

The ISA Board of Directors will welcome five new members and the Nominating and Elections Committee (NEC) will welcome four new members to begin their terms following the ISA Annual International Conference in Fort Worth, Texas, 13-17 August 2016. Additionally, the Board appointed a director whose current term will expire in August to serve a one-year term vacancy on the ISA Board of Directors during 2016-17.

### **ISA Board of Directors**

Elected by the Council of Representatives to serve three-year terms on the ISA Board:

- Nicolaas Verloop
- Tom Wolf

Elected by the ISA Membership to serve three-year terms on the ISA Board:

- Dana Karcher
- Skip Kincaid
- Chris Walsh

### **ISA Nominating and Elections Committee:**

Elected by the ISA Membership to serve three-year terms on the NEC:

- Mark Roberts
- Jessica Sanders

Elected by the ISA Membership to serve two-year terms on the NEC:

- de Gourét Litchfield
- Ian Scott

### **ISA Board Appointment:**

Appointed by the ISA Board to serve a one-year term vacancy on the ISA Board of Directors:

- Pedro Mendes Castro ❖



## URBAN FORESTS AND SUSTAINABILITY INTERNATIONAL SYMPOSIUM

ISA Executive Director Jim Skiera joined top researchers from around the world in Shenyang, China, to introduce scientists from other countries to the growing number of urban forestry and ecology researchers in China. Attendees shared information and learned about the investment China is making in research to combat climate change and the growing impact that urbanization has on its population and natural resources.

Four other organizations collaborated with ISA—the Southern University Urban Forestry and Natural Resources Program, the Institute for Applied Ecology and the Northeastern Institute of Geography and Agroecology, both of the Chinese Academy of Sciences, and the Chinese Academy of Forestry. Proceedings will be posted on the International ISA website later this year for those interested in reviewing the 30-plus presentations. The August issue of International ISA Arborist News will have an article by Jim Skiera about the symposium. ❖





# Submit your photo on Facebook



and then...

## Picture yourself at a FREE Florida ISA Seminar!



Submit an eligible\* photo of your license plate on your vehicle on [Florida ISA FACEBOOK](#) with your TreesAreCool license plate as the main focus for a chance to earn a coupon for one FREE Florida Chapter ISA seminar! Value is up to \$165 (excluding TRAQ and the Trees Florida Conference).

Each month, photos deemed eligible\* will be put into a drawing for the free seminar. Deadline for submissions will be the 25th of each month. Winners will be announced monthly on Facebook and in the Florida eTree News.

**\*Eligibility**

- Submitter's face must be clearly visible
- Your TreesAreCool specialty license plate on your vehicle must be clearly visible (readable)
- Final determination for eligibility made by Florida Chapter ISA



# FLORIDA CHAPTER TREE CLIMBING CHAMPIONSHIP OCTOBER 2016

Join us in Orlando for the Florida Chapter Tree Climbing Championship and Arbor Fair - October 15-16, 2016 at Moss Park: 12901 Moss Park Rd, Orlando, FL 32832



2016 FCTCC Arbor Fair Chair: Julie Iooss, [Julie.Iooss@cityoforlando.net](mailto:Julie.Iooss@cityoforlando.net)  
FCTCC Climbing Chair: Adam Jackson, [adam.jackson@davey.com](mailto:adam.jackson@davey.com)

Contact the Committee members above if you have any question about competing or volunteering, or being an exhibitor or a sponsor! We all look forward to seeing Florida's best climbers compete for the opportunity to represent the Florida Chapter at the International Tree Climbing Championship in 2017.

## CLIMBERS GET READY TO SHOWCASE YOUR SKILLS!

**Register early - climbing spots are limited.**

[Click here for the Climber Forms.](#)

### FEES:

- \$75.00 Florida Chapter Member \*Winner of the Florida Chapter TCC will need to be a member of International ISA in order to compete at the International TCC
- \$125.00 Non-Member \*\*includes Florida Chapter membership for 12 months!

### MAIL, EMAIL, OR FAX the REGISTRATION FORM, WAIVER FORM & PAYMENT TO:

Florida Chapter ISA  
7853 S. Leewynn Court  
Sarasota, FL 34240  
FAX: 941-342-0163  
(make checks payable to Florida Chapter ISA or include ALL credit card information)

### Volunteers

Volunteers are needed for site preparation, event assistance and judging.

[Click Here for Volunteer Forms.](#)

### Sponsors

Sponsors are greatly appreciated at our annual event!

Monetary and/or Gear donations are accepted.

[Click Here for Sponsor Forms.](#)

# UF Creates Trees With Enhanced Resistance to Greening

Kimberly Moore Wilmoth – University of Florida UF/IFAS – November 23, 2015



After a decade of battling the highly destructive citrus greening bacterium, researchers with the University of Florida’s Institute of Food and Agricultural Sciences have developed genetically modified citrus trees that show enhanced resistance to

greening, and have the potential to resist canker and black spot, as well. However, the commercial availability of those trees is still several years away.

Jude Grosser, a professor of plant cell genetics at UF’s Institute of Food and Agricultural Sciences Citrus Research and Education Center, and Manjul Dutt, a research assistant scientist at the CREC, used a gene isolated from the Arabidopsis plant, a member of the mustard family, to create the new trees. Their experiment resulted in trees that exhibited

enhanced resistance to greening, reduced disease severity and even several trees that remained disease-free after 36 months of planting in a field with a high number of diseased trees. The journal PLOS ONE recently published a paper on their study.

“Citrus crop improvement using conventional breeding methods is difficult and time consuming due to the long juvenile phase in citrus, which can vary from four to twelve years,” Grosser said. “Improvement of citrus through genetic engineering remains the fastest method for improvement of existing citrus cultivars and has been a key component in the University of Florida’s genetic improvement strategy.”

Citrus greening threatens to destroy Florida’s \$10.7 billion citrus industry. The diseased bacterium first enters the tree via the tiny Asian citrus psyllid, which sucks on leaf sap and leaves behind the greening bacteria. The bacteria then move through the tree via the phloem – the veins of the tree. The disease starves the tree of nutrients, damages its roots and the tree produces fruits that are green and misshapen,

*[Greening continued on page 14](#)*



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▶ See the video



*Greening continued from page 13*

unsuitable for sale as fresh fruit or, for the most part, juice. Most infected trees eventually die and the disease has already affected millions of citrus trees in North America.

Citrus greening was first detected in Florida in 2005. Florida has lost approximately 100,000 citrus acres and \$3.6 billion in revenues since 2007, according to researchers with UF/IFAS.

Grosser and Dutt's research team used sweet orange cultivars Hamlin and Valencia and created plants that defend themselves against pathogens utilizing a process called systemic acquired resistance, or SAR. SAR provides protection against a broad spectrum of microorganisms and is associated with the production of anti-pathogen proteins. Utilizing SAR has already resulted in the production of transgenic canker-resistant trees. Transgenic trees are those into which DNA from an unrelated organism has been artificially introduced.

Disease resistance to greening, also known as huanglongbing or HLB, in this study was evaluated in two ways.

First, in a greenhouse study conducted with Southern Gardens Citrus in Clewiston, several hundred trees (clones from several independent transgenic plant lines) were exposed continuously

for two years to free-flying, greening-positive psyllids. Trees were routinely pruned and fertilized to stimulate new leaf production. These trees were evaluated every six months for two years for the presence of greening. The insects were also randomly evaluated during this study for the presence of the greening bacterium.

Approximately 45 percent of the trees expressing the Arabidopsis gene tested negative for greening. In three of the transgenic lines, the greening bacterium was not detected at all. Control trees tested positive for the presence of greening within six months and remained positive for the entire duration of the study.

In the second concurrent study, selected transgenic trees and controls were cloned, grown and planted in fields with a 90-percent HLB infection rate. These trees were similarly evaluated every six months for three years for the presence of the greening bacterium.

In this study, one transgenic line remained greening-free for the duration of the study, except for the 24-month sampling period when it tested positive. A second line tested positive at the 30-month sampling period while a third line tested

*Greening continued on page 16*

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*Greening continued from page 14*

positive at 30 months, but was greening-free at 36 months. Neither of these lines declined in health, and both showed continued growth with periodic flushes.

“In addition to inducing resistance to greening, this transgenic line could potentially protect our trees from other important citrus fungal and bacterial diseases such as citrus canker and black spot,” Dutt said.

The next steps include transferring this gene into additional commercial varieties and rootstocks that are commonly grown in Florida. In addition, researchers must ‘stack’ this gene with another transgene that provides resistance to the greening bacterium by a completely different mechanism. That will prevent the pathogen from overcoming the resistance in the field. It will still be several years before such trees will be available for commercial use.

The research was funded by the Citrus Research and Development Foundation, established by the University of Florida in 2009 to combat greening. The foundation is funded by the citrus box tax, a tax growers pay on each box of citrus they sell. The proceeds help to pay for citrus greening research at the University of Florida’s Citrus Research and Education Center and other institutions. ❖

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## From Your TREE Fund Liaison Chair - Eric H. Hoyer



### TREE Fund News – Successful Fundraising at TF 2016; Goals of the new TREE Fund President

For those of you who attended the Trees Florida Conference in June, a big thank you is in order in regards to your support of the TREE Fund. Several events were offered to raise money for the TREE Fund. One such event was the sale of bandanas for the Heads and Tails Game played at the Tuesday luncheon. Thanks to your support, 34 bandanas were sold and \$680 was raised. As is the custom, the lucky winner of the money returned his winnings to the TREE Fund rather than keep the cash himself. In addition to the Heads/Tails, the Silent Auction was well received and raised \$4,102. New this year was the “ring toss” game which, for \$5, provided contestants to throw three wooden rings at various wine and booze bottles. If the ring encircled the bottle, the contestant took it as a prize. This game raised \$570 which means 114 attempts were made by various participants. Add to that, another \$195 of donations were made to the TREE Fund for a total raised of \$5,547. Your generous support is appreciated and speaks well for our Chapter.

Also, if you attended Trees Florida, you heard Eric Smith, the new President and CEO of the TREE Fund, address the audience at the Tuesday lunch event. Eric is transforming the TREE Fund into a more efficient and effective fund raising and grant administering organization. He explained his three main goals as follows:

- The need to get more funding out the door.
- The need to value “friendraising” as much as we value fundraising.
- The need to “open the circle” to new funding sources.

The TREE Fund recently received a gift of \$100,000 from the Berkshire Hathaway Energy Foundation to the Utility Arborist Research Fund. This is an example of point number three above and demonstrates Eric’s commitment to these goals. He wants to triple the endowment level (currently at \$3 million) by 2020 and to triple the grant awards (\$300,000 awarded this year, up from \$150,000 in previous years).

On a final note, the Florida Chapter has four riders in this year’s Tour des Trees. Each rider must raise \$3,500 so your support is essential. To contribute to an individual rider or to Team Florida, please visit the Tour website at <https://www.crowdrise.com/STDTeamFlorida2016>. This year’s ride totals 610 miles and starts and ends in Charlotte, North Carolina. Our dedicated Florida riders are Andy Kittsley, Chuck Theurer, Cheyanne Quigley, and Scott Davis. ❖



## PRACTICAL TREE ID

**MIAMI** - Wednesday, August 31, 2016

**ORLANDO** - Friday, September 23, 2016

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## UF/IFAS Study Could Help Cities Improve Tree Planting

By: Brad Buck, 352-294-3303, [bradbuck@ufl.edu](mailto:bradbuck@ufl.edu)

Source: Adam Dale, 352-273-3976, [agdale@ufl.edu](mailto:agdale@ufl.edu)

May 26, 2016

GAINESVILLE, Fla. — Heat from city sidewalks, streets, and parking lots, along with insect pests, can damage trees planted in urban landscapes. Thus, it is critical to plant trees in the right places so they will do well in harsh urban environments, a University of Florida Institute of Food and Agricultural Sciences researcher says.



*In a newly published study led by UF/IFAS assistant professor of entomology Adam Dale, scientists examined so-called “gloomy scale insect,” which feeds on tree sap and appears as small bumps on the bark of trees. In the study, Dale and his team developed guidelines that landscape professionals can use to make more informed urban tree-planting decisions. Photo Credit: Tyler Jones, UF/IFAS*

More than half the world’s people and 80 percent of the U.S. population live in urban areas. Trees benefit these residents by filtering the air, reducing temperatures and beautifying landscapes. According to a new study led by Adam Dale, a UF/IFAS assistant professor of entomology, these benefits are reduced when trees are planted in unsuitable urban landscapes. However, guidelines can be developed to lead urban tree-planting decisions in a more sustainable direction.

Dale spearheaded the study while at North Carolina State University in Raleigh, North Carolina. Previous research by Dale and his colleagues found that impervious surfaces raise temperatures, which increase pest abundance and tree stress, ultimately reducing tree health. He and his team examined the so-called “gloomy scale insect,” which feeds on tree sap and appears as small bumps on the bark of trees.

In the new study, Dale and his team developed guidelines that landscape professionals can use to make more informed urban tree-planting decisions. Although the new study was done in North Carolina and limited to red maple trees, Dale said the findings may be applicable to trees throughout the Southeast.

Through their research, scientists developed thresholds of impervious surface around planting sites. In other words, they defined points at which the amount of pavement around a tree reduces its condition. Using these established levels of impervious surface, landscape architects and other landscape professionals can plant trees in a way that reduces pest damage and economic loss.

“This study demonstrates the effects of the most common features of urban landscapes – roads, parking lots, and buildings – on insect pests and trees,

*Cities continued on page 22*

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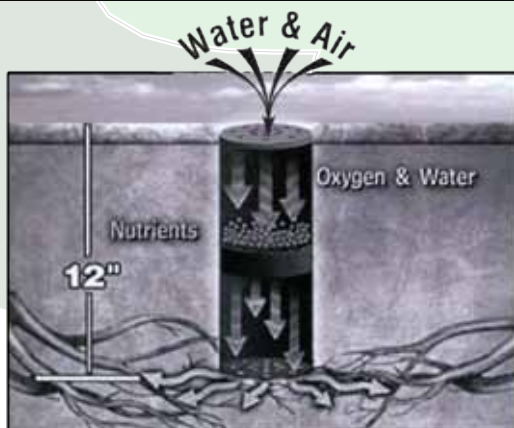
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Cities continued from page 20

and proposes guidelines for mitigating them,” Dale said.

The study also proposes a method that can be used at a planting site. It’s called the “Pace to Plant” technique. By simply walking 100 steps around a site, landscape professionals can estimate the amount of surrounding impervious surface and use the developed thresholds to guide their tree-planting decisions.

“The hope is that more informed planting will minimize pest infestations and maximize the vigor and performance of street trees,” researchers said in the study, published in this month’s issue of the journal Arboriculture and Urban Forestry. “The decision-making tools presented here will help planners and urban forest managers get the right tree in the right place to reduce future maintenance costs and increase tree survival and services.” ❖




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## Consultant's Corner

by Joe Samnik, Consulting Arborist



## CREATURE COMFORTS

Seldom does a court case hold so many variables as the “Creature Comforts” matter. This case involves the trespass removal of a boundary tree, a third-party, the reduction of property value, a District Court of Appeal and a loss of comfort; but never an appraisal of the tree itself. That is a lot of moving parts.

So here is what happened. A power company hires a tree surgery company to cut down a tree that appeared to be growing on the property of a neighbor and, without consent of the neighbor, took the tree down. The plaintiff then contends that his real property was reduced in value to the extent of \$300; the plaintiff also enters damages due to the deprivation of the ornamental value of the subject tree. Nothing new here, yet. Then the plaintiff also contends value for the loss of the shade which the subject tree provided.

Typically, the subject tree would have been given a value because it provided shade. In this instance it is valued on its loss of shade. These are two separate and distinct approaches to value.

In Florida, as in most common law states, the value of a shade or ornamental tree is the difference in the value of the real estate in which it was growing immediately before and immediately after the tree is removed. If the subject tree provides a function it then becomes fodder for an appraised value. The importance here is that the claim is being made for both.

At the trial it was successfully established that the plaintiff was a city policeman who regularly worked a night shift necessitating that he sleep during the day. The removal of the subject tree which cooled his bedroom during the afternoon caused the plaintiff to literally lose sleep due to the increased heat which, before the illegal removal, had been provided by the tree, creature comforts.

The owner of realty has a right to enjoy it according to his own taste and wishes. The owner also has the right of arrangement of shade trees (known as landscape architecture or landscape design) and an injury to or removal of these shade trees ought to be substantially compensated, even though the arrangement does not enhance the sale value of the property. Recovery in trespass is always based upon a wrongful invasion of plaintiff's rights. The rule for damages must be more carefully guarded against the failure to compensate than any possible overcharge to the person who trespassed upon the property rights of another.

When removing a tree of questionable ownership, it is of paramount importance that you determine who owns the tree. If the party retaining you does not own the tree and you cut the tree down or work on it in any manner, your name may soon be appearing in a court brief somewhere. ❖

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- Discount on annual International ISA Conference and Trade Show
- Discounts on ISA merchandise
- Use of the ISA Member logo
- Access to ISA Job Bank
- ISA member directory listing
- ‘True Professionals’ program
- Online ‘Find a Tree Care Service’ tool

## International Society of Arboriculture MEMBERSHIP

### Benefits for joining the Florida Chapter:

- Quarterly Florida Arborist newsletter
- Discounts on Florida Chapter seminars
- Discount on annual Trees Florida Conference and Trade Show
- Discounts on Florida Chapter merchandise
- Florida Chapter Awards program

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# 2016 Florida Chapter Awards

Joe Samnik, Awards Chair for the Florida Chapter ISA, proudly announced the winners of this year's Chapter Awards. Congratulations to you all; your efforts have been commendable and appreciated by all who have been touched by your exemplary work in the field of arboriculture here in the state of Florida. Thank you for your contributions.



*J. Samnik presents the 2016 Florida Chapter ISA Awards*



### **Award for Excellence in Education: Wade Collum (City of Pompano Beach)**

This award is given to an individual who has made an outstanding contribution to the education of the Florida Chapter members or to the sum knowledge of arboriculture.

*Wade Collum, winner of the Award for Excellence in Education with president Bonnie Marshall*

### **Award of Distinction: Julie looss (City of Orlando)**

This award is bestowed upon an individual, long standing active member (10 years or more) who has provided substantial, long-term contribution to the advancement of the purpose and substance of the Florida Chapter

*Julie looss, winner of the Award of Distinction with president Bonnie Marshall*



### **Loren Westenberger Award: Doug LaFortune (Greenwise Consulting, Winter Park)**

This award is given to an individual who, like Loren Westenberger, has practiced the professional principles of arboriculture consistent with the mission and objectives of the Florida Chapter ISA to better the environment for future generations.

*Doug LaFortune, winner of the Loren Westenberger Award with president Bonnie Marshall*

### **President's Award of Merit: Kimberly Pearson (City of Fort Lauderdale)**

This award is bestowed upon an individual active member to recognize outstanding meritorious service in advancing the principles, ideas and practices of progressive arboriculture. This recipient is chosen by the Florida Chapter ISA immediate past president.

*Kimberly Pearson, winner of the President's Award of Merit with past president Celeste White*





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## 2016 Certification Exam Schedule

The FLORIDA CHAPTER of ISA is pleased to announce our  
2016 schedule of Certification exams. See the chart below for the site nearest you.

Date	Exam/ Class	Location	Time	Proctor or Instructors	Last Date to Register	Cost Member/ Nonmem
November 5, 2016	Certified Arborist, Utility Specialist, and Municipal Specialist Exam	St. Petersburg	9:00 AM 1:00 PM	Norm Easey, Erik Nobs	Minimum 12 business days prior	\$150/ \$250

This schedule is subject to change as additional tests and review sessions may be added. Visit [www.floridaisa.org](http://www.floridaisa.org) for updates.

For an application form to register for an Exam call the ISA Office in Champaign, IL at 888-472-8733. To purchase an ISA Certification Study Guide, call the Florida Chapter ISA at 941-342-0153 or fax an order form to 941-342-0463.

The ISA Illinois must receive your application & exam fees A MINIMUM OF TWELVE BUSINESS DAYS prior to the exam date. NO EXCEPTIONS! (ISA Illinois is closed New Year’s Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day). First-time applicants can apply online at [www.isa-arbor.com](http://www.isa-arbor.com).

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### **Florida Chapter ISA - 2016 Education Schedule**

\*The schedule below is tentative and subject to changes.

Date	Seminar/Class	Location (s)	Open for Registration
August 31, 2016	Practical Tree ID	Miami	<a href="#">Register Online</a>
September 13, 2016	Pruning PLUS	Tampa	<a href="#">Register Online</a>
September 23, 2016	Practical Tree ID	Orlando	<a href="#">Register Online</a>
October 12, 2016	Pruning PLUS	Fort Lauderdale	<a href="#">Register Online</a>

# Welcome!

## New Florida Chapter Members

Here are the individuals that joined the Florida Chapter during the second quarter of 2016. If you see a name from your area of the state, look up their phone number online\* and give them a call. Introduce yourself and find out what aspect of arboriculture the new member is involved in. Let's make the Florida Chapter friendlier. We're all working in different ways for the same goals. Get to know other Chapter members. You might make some helpful connections for the future.

Susan B. Anthony, Pompano Beach, FL  
 Matthew Arnold, Tampa, FL  
 Felipe T. Barbosa, Lehigh Acres, FL  
 Lisa Ann Bishop Hill, Coral Springs, FL  
 Joshua Brown, Sarasota, FL  
 Amanda R. Callaham, Winter Park, FL  
 Laurie Campbell, Brooksville, FL  
 Regina Caton, Seminole, FL  
 Lenora S Chase, cape coral, FL  
 Steven Clark, Valrico, FL  
 Christopher Comer, Fort Myers, FL  
 James Convery, Fort Myers, FL  
 Catherine Corcoran, Oregon, WI  
 Colleen Costa, Sarasota, FL  
 Charles Barrett Cruce, Jupiter, FL  
 Adam Dale, Gainesville, FL  
 Jacqueline Marie Dombovy, Saint Cloud, FL  
 Gerald Robert Eisner, Fort Myers, FL  
 John Fideli, Fort Myers, FL  
 Evelyn Virginia Fletcher, East Palatka, FL  
 Luis Manuel Garcia, Homestead, FL  
 James Givens, Davie, FL  
 Mike Glynn, Stuart, FL  
 Christopher Lee Grossenbacher, Orlando, FL  
 Jamie Guzman, Saint Petersburg, FL  
 Steven J. Harrison, Hilliard, FL  
 Jay Howard, Cape Coral, FL  
 Debra Sue Hughes, Fort Myers, FL

Frank J Hughes, Edgewater, FL  
 Jim Jankowski, Pompano Beach, FL  
 Jeffery Alan Kaulbars, Fort Myers, FL  
 Daniel Keller, Port Orange, FL  
 Paul Kisiday, Winter Park, FL  
 James Hartford Lamb, fort myers, FL  
 Andrew Loyd, Charlotte, NC  
 John Murray Maier, Apopka, FL  
 Joseph Martin, Pinellas Park, FL  
 Robert Timothy McMullen, Doral, FL  
 Joseph Miller, Commerce, GA  
 Dana Lee Moller, Fort Myers, FL  
 Cameron W Musil, Tallahassee, FL  
 Patrick D. O'Fee, Davie, FL  
 Janet Erikson Papinaw, LaBelle, FL  
 William Rector, Chigasaki-Shi, Japan  
 Joseph Paul Scarola, Deland, FL  
 Phillip Seay, Gainesville, FL  
 Michael Stokes, Tarpon Springs, FL  
 James Alexander Suckow, Palatka, FL  
 Christopher Towerton, Port Saint Lucie, FL  
 Walter Treadwell, Crystal River, FL  
 Tom Wichman, Gainesville, FL  
 Mark Wilson, Winter Park, FL  
 Santa Isabel Wright, Palm Bay, FL  
 Scott Wylie, Greenwich, CT  
 Mike Zaffaroni, Fernandina Beach, FL

\*Go to <http://www.isa-arbor.com>, then go to "Members Only" and log in. Then go to ISA membership directory. If you do not know your log in for members only, contact ISA headquarters at (888) 472-8733. Once you log in, you can update your address, check your CEU's, edit or verify Certified Arborist information and search the membership list.

### Letters to the Editor

We welcome your thoughts about Florida Arborist articles, about your Florida Chapter, or about tree issues in general.

Email your letters to:  
[jan@floridaisa.org](mailto:jan@floridaisa.org)

or mail to:  
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 Sarasota, FL 34240



Please remember:  
 Letters should be no longer than 300 words.  
 We reserve the right to condense letters, or to edit as necessary.

An invitation to all members  
 to attend a

### Board of Directors Meeting!

Call 941-342-0153

for specific times and locations

### Up-coming 2016 Board Meeting - Dates & Locations

September 16, 2016 - Orlando

Novemeber 18, 2016 - Orlando

# Arborist Certification Committee Report

*By Norm Easey, Florida Certification Liaison*

There is currently one ISA certification exam scheduled in Florida within the next six months. [Click here for the specific dates.](#) The ISA Certified Arborist exam is also now available at Pearson Testing Centers throughout Florida. See the ISA International web site [www.isa-arbor.com](http://www.isa-arbor.com) for more information about the various ISA arborist credentials and how to earn them.

Florida Chapter currently has 1931 Certified Arborists.

The Florida Chapter would like to congratulate the following 41 Florida or Florida Chapter individuals for earning their certifications as: Certified Arborist, Board Certified Master Arborist, Municipal Specialist, and Utility Specialist:

## **Certified Arborist**

Billy Joe Barnes, Astor, FL  
 Lisa Ann Bishop Hill, Coral Springs, FL  
 Lindsay Lee Brock, Clearwater, FL  
 Eric Ahrens Brown, Orlando, FL  
 Kyle Clauss, Cooper City, FL  
 Gerald Robert Eisner, Fort Myers, FL  
 Evelyn Virginia Fletcher, East Palatka, FL  
 Russ Elliott Flowers, Madison, FL  
 Vernon R. Gingras, Largo, FL  
 Walter Patrick Givens, San Antonio, FL  
 Janine Natanya Griffiths, Fort Lauderdale, FL  
 Michael D. Grosswirth, Fort Lauderdale, FL  
 Shawn Harris, Bushnell, FL  
 Joseph Brian Hatchcock, Mims, FL  
 Christina Hensel, Kissimmee, FL  
 Jason Hale Hilburn, Safety Harbor, FL  
 James Oliver Hodgdon, Jr., Marco Island, FL  
 Debra Sue Hughes, Fort Myers, FL  
 David Thomas Jones, North Miami, FL  
 James Anderson Laroque, North Port, FL  
 Brian Martin Larr, Lake Wales, FL  
 Nicholas Alexander Larsen, Canal Point, FL  
 Andrew Loyd, Charlotte, NC  
 Joseph Martin, Pinellas Park, FL  
 Keith Allan Meade, Palm Harbor, FL  
 Mike Mejia, Hollywood, FL

Adam Morgan, Gulf Breeze, FL  
 Neil Otto Olson, Orlando, FL  
 Cory Stephen O'Meara, Cape Coral, FL  
 Gene Francis Rathka, II, Miami, FL  
 Dana Rushetsky, Cooper City, FL  
 Suzanne Hunt Shuffitt, Anthony, FL  
 Michael Louis Sobba, II, Jupiter, FL  
 Michael Stokes, Tarpon Springs, FL  
 Karre Lynn Stratford, Titusville, FL  
 Matthew David Tindall, Davie, FL  
 Scott Fitzgerald Tomasko, Margate, FL  
 Ari Zimmerman, Lake Worth, FL



## **Board Certified Master Arborist**

Tyson J. Payne, Naples, FL

## **Municipal Specialist**

Kraig Raymond Hankins, Cape Coral, FL

## **Utility Specialist**

Samuel Alexander Massey, Winter Park, FL

Are you thinking about becoming certified?

[Visit the International ISA website](#)

To access the certification application handbook with further information.



**Florida Chapter ISA Tree Climbing  
Championship and Field Day**  
 Saturday, October 15, 2016  
 Moss Park - 12901 Moss Park Road - Orlando, Florida

**Exhibitor Form**

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 Street Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Phone \_\_\_\_\_ FAX \_\_\_\_\_  
 Email Address \_\_\_\_\_  
 Please list the names of the individuals (**and tee shirt size**) who will be representing your company (Registration for two representatives per exhibitor booth for Saturday only).  
**Name on badge 1:** \_\_\_\_\_/Tee shirt size \_\_\_\_ **Name on badge 2:** \_\_\_\_\_/Tee shirt size \_\_\_\_  
 Please make checks payable to **Florida Chapter ISA** and mail to: 7853 S. Leewynn Ct. – Sarasota, Florida 34240

**Tree Climbing Championship & Field Day Exhibitor Opportunities**

All Exhibitors will receive on-site signage and recognition in the Field Day program. Exhibitors will be provided sufficient outdoor space for one (1) large truck or two (2) small devices, or an outdoor display.

- Outdoor Exhibitor space for Equipment/Trucks/Displays ..... \$ 400.00  
 (payable through a monetary payment, appropriate gear or prizes, or combination of both)

\*Exhibitor SETUP will be from 8:00 to 9:00 am on Saturday, October 15, 2016  
 \*Exhibitor BREAKDOWN is when competition ends or 30 minutes before sunset  
 \*Exhibitors will be required to provide an insurance certificate naming Orange County Board of County Commissioners as also insured. Exhibitors who will be selling products at their booth will be required to pay a \$25 vendor fee to the Moss Park office.

**NOTE: CLICK HERE TO SEE EXHIBITOR CONTRACT at [www.floridaisa.org](http://www.floridaisa.org)**

I have read the terms and conditions of this Application and the attached Florida Chapter ISA Tree Climbing Championship & Field Day Exhibition Rules and agree to them accordingly.  
 Printed Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Monetary Payment**

Payment:  Charge to Visa, MasterCard, or Discover  Check Enclosed (payable to **Florida Chapter ISA**) Check # \_\_\_\_\_  
 Card Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_ CV Code \_\_\_\_\_  
 Exact name on card \_\_\_\_\_  
 Card billing address \_\_\_\_\_  
 Card billing City/State/Zip \_\_\_\_\_  
 Your receipt will be emailed to you (please provide email address above).

**In-Kind Equipment, Gear, or Prizes**

If you would like to include gear or prizes for the TCC as part of your payment or in addition to your exhibitor space registration, please describe your item(s) below and include a monetary value (**required**). **Please contact the Florida TCC Field Day Chair prior to shipping items: Bonnie Marshall - [bonniecmarshall@yahoo.com](mailto:bonniecmarshall@yahoo.com)**

Please send item(s) to: Florida Chapter ISA – 7853 S. Leewynn Ct. – Sarasota, Florida 34240

Florida Chapter ISA contact: 941-342-0153 – [jan@floridaisa.org](mailto:jan@floridaisa.org) - or FAX to 941-342-0463  
 Tree Climbing Championship & Field Day event contact: [bonniecmarshall@yahoo.com](mailto:bonniecmarshall@yahoo.com)

## 2016 Florida Chapter Tree Climbing Championship

Preliminary Events: Saturday October 15, 2016  
 Masters Challenge: Sunday October 16, 2016  
 Mandatory gear check will be required - details to be announced

**TENTATIVE LOCATION:** Moss Park - 12901 Moss Park Road - Orlando, FL 32832

### SPONSOR FORM



Please PRINT or TYPE:

Name \_\_\_\_\_  
 Company \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Phone # ( \_\_\_\_\_ ) \_\_\_\_\_  
 EMail Address (for contacting and to send a receipt) \_\_\_\_\_

## MONETARY DONATION

Amount \$ \_\_\_\_\_

- Check enclosed (Make out to Florida Chapter ISA)
- Cash Enclosed
- Credit Card                       VISA                       MasterCard                       Discover

Card Number \_\_\_\_\_  
 Exp. Date \_\_\_\_\_ 3 or 4 digit Card Code \_\_\_\_\_  
 Exact name on card \_\_\_\_\_  
 Card billing address \_\_\_\_\_  
 Card billing City/State/Zip \_\_\_\_\_

Your receipt will be emailed to you (please provide an email address above).

**PLEASE SEND YOUR MONETARY DONATION WITH THIS DONATION FORM TO:**

MAIL: Florida Chapter ISA - 7853 S Leewynn Court - Sarasota, FL 34240  
 PHONE: 941-342-0153  
 FAX: 941-342-0463  
 EMAIL: flordaisa@comcast.net (you may submit this form as an email attachment)

## DONATION OF EQUIPMENT, GEAR OR PRIZES

Please describe your donation below. Include a monetary value if you would like a receipt to be emailed to you (please provide an email address above).

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



**PLEASE SEND YOUR DONATED ITEM(S) WITH THIS DONATION FORM TO:**

BY MAIL, FED EX or UPS: Adam Jackson - 2111 Edmands Place - Apopka, FL 32703

### 2016 Florida Chapter ISA TCC Sponsor Benefits

Thank you for being a sponsor of our annual climbing event. Our climbers are an enthusiastic and energetic group and put a lot of effort into their climbing skills. The climbers and the Florida Chapter ISA board appreciates your contribution to make this a stellar event.

#### **Platinum Sponsor: \$1000 +**

- Company logo on TCC tee shirt (if payment is received by September 24<sup>th</sup>)
- 4" x 6" logo sticker (provided by your company) on TCC trailer for one year
- Opportunity to display banner (provided by your company) in each of 5 event rings
- Company announced and thanked at awards dinner
- Company name will be included on an email invitation sent out to prospective attendees
- Your company name listed in the printed Field Day program sponsor section

#### **Gold Sponsor: \$500 - \$999**

- Company name on TCC tee shirt (if payment is received by September 24<sup>th</sup>)
- Opportunity to display banner (provided by your company) in 1 (one) event ring
- Company announced and thanked at awards dinner
- Company name will be included on an email invitation sent out to prospective attendees
- Your company name listed in the printed Field Day program sponsor section

#### **Silver Sponsor: \$250 - \$499**

- Company name on TCC tee shirt (if payment is received by September 24<sup>th</sup>)
- Company announced and thanked at awards dinner
- Company name will be listed on an email invitation sent out to prospective attendees
- Your company name listed in the printed Field Day program sponsor section

#### **Bronze Sponsor: \$100 - \$249**

- Company announced and thanked at awards dinner
- Company name will be listed on an email invitation sent out to prospective attendees
- Your company name listed in the printed Field Day program sponsor section



## Florida Chapter Tree Climbing Championship and Field Day

Preliminary Events: Saturday October 15, 2016  
 Masters Challenge: Sunday October 16, 2016  
 Mandatory gear check will be required - details to be announced

**LOCATION:** Moss Park - 12901 Moss Park Road - Orlando, FL 32832

**NOTE: NO PETS** are allowed at this park

**CAMPING** is available at this park

**THIS PARK HAS AN ENTRY FEE** of \$3/day unless you are camping in the park



**CLIMBER ENTRY FORM:** Limited to 40 climbers (no more than 4 from out-of-state)

**Register early! SPACE IS LIMITED/First-come, First-serve! Due by September 24, 2016**

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone # ( \_\_\_\_\_ ) \_\_\_\_\_ T-Shirt size (register early so we can provide your requested size) \_\_\_\_\_

E-Mail Address (for contacting and to send a receipt) \_\_\_\_\_

Gender:  Male  Female

Lunch preference:  Regular lunch  Vegetarian lunch

### OPTIONAL EDUCATIONAL EVENT

The Outdoor Tree School is being offered on Friday October 14, 2016 FREE OF CHARGE to all registered competitors and volunteers. Space may be limited - we cannot always guarantee available space.

Tentative location: **MOSS PARK, Orlando, FL**

(registration fees for non-competitors or non-volunteers to attend class: \$85-Florida Chapter Member or \$95-Nonmember)

- YES! You plan to attend the Outdoor Tree School on Friday October 14, 2016 for free as a climber.
  - Regular lunch  Vegetarian lunch
- NO, you do NOT plan to attend the Outdoor Tree School.

### REGISTRATION FEES

- \$75 - Florida Chapter ISA member price
- \$125 - nonmember price \*\*includes membership in Florida Chapter ISA for 1 year
- Check enclosed (Make out to Florida Chapter ISA)
- Cash Enclosed
- Credit Card  VISA  MasterCard  Discover

\*\*If you are not comfortable emailing your credit card information, please fax, mail or phone it in.

Card Number \_\_\_\_\_

Exp. Date \_\_\_\_\_ 3 digit Card Code \_\_\_\_\_

Exact name on card \_\_\_\_\_

Card billing address \_\_\_\_\_

Card billing city/state/zip \_\_\_\_\_

### Submit this entry form, the Competition waiver form and payment to:

MAIL: Florida Chapter ISA ♦ 7853 S Leewynn Court ♦ Sarasota, FL 34240  
 PHONE: 941-342-0153 FAX: 941-342-0463  
 EMAIL: jan@floridaisa.org (you may submit this form as an email attachment)





**FC-TCC Tree Climbing Championship  
Competition Waiver Form**



**Please PRINT Clearly**

Contestant's Name: \_\_\_\_\_ Age: \_\_\_\_\_

Address: \_\_\_\_\_ Zip: \_\_\_\_\_

Employed by: \_\_\_\_\_

Phone: ( \_\_\_ ) \_\_\_\_\_ Email: \_\_\_\_\_

Number of years you have climbed: \_\_\_\_\_

**Waiver and Hold-Harmless by Contestant**

In consideration of acceptance of my application for entry as a contestant in the Climbing Championship, I hereby waive any and all claims I may have at anytime, and any and all claims which might otherwise be made by, or on behalf of, or on account of me, or by me, or by any person or entity in any way as my subrogee against the property owner and the International Society of Arboriculture, its officers, directors, employees, agents, members, guests, invitees, and any person who would be lawfully entitled to indemnification from them for any liability to, or on behalf of, or on account of me, for any injuries or damages of any kind whatsoever arising on account of or in consequence of my activities or participation in the Climbing Championship, or in any other way related to the Climbing Championship. I further agree to hold the property owner and the International Society of Arboriculture, its officers, directors, employees, agents, members, guests and invitees, safe and harmless from any expense for defense, settlement, payment of damages, or other expenses related in any way to injuries sustained by me in any way related to the Climbing Championship. I recognize and assume all risks and danger involved in my participation, and will not under any circumstances rely upon the care, attention or assurance of anyone other than myself for matters relating to my safety.

Dated \_\_\_\_\_ Signature of Contestant \_\_\_\_\_

**Certification and Waiver by Employer of Contestant**

I hereby certify that I am the employer or a duly authorized representative of the employer of the above-named individual planning to participate in the Climbing Championship, and that the employer has encouraged this participation. I further certify that I have satisfactorily confirmed that the employee will be covered by statutory protection levels of Workers Compensation Insurance or the equivalent, for any injuries sustained in the course of participation. The employer hereby waives any and all subrogation claims it may have against the property owner and the International Society of Arboriculture, its officers, directors, employees, agents, members, guests, or invitees, as a result of any compensation or their benefits or expenses incurred or paid by it, its insurance carrier, or otherwise on its behalf, in the event any claim or injury results from this participation, and will hold the property owner and the International Society of Arboriculture, its officers, directors, employees, agents, members, guests, and invitees safe and harmless from any expense for defense, settlement, payment of damages and other expenses relating in any way by this employee. I further certify that I am duly authorized to execute this Certification and Waiver on behalf of the employer and that any and all necessary resolutions have been duly passed and adopted by the employer.

The exact name and address of the employer, and state of incorporation (if applicable):

\_\_\_\_\_  
\_\_\_\_\_

Dated \_\_\_\_\_

Signature of Employer or Authorized Representative \_\_\_\_\_

**Mail, fax or email (you may submit as an email attachment) this completed competition waiver form  
along with the competition registration form and payment to:  
Florida Chapter ISA ♦ 7853 S Leewynn Court ♦ Sarasota, FL 34240**

## 2016 Florida Chapter Tree Climbing Championship

Preliminary Events: Saturday October 15, 2016  
 Masters Challenge: Sunday October 16, 2016  
 Mandatory gear check will be required - details to be announced

**LOCATION:** Moss Park - 12901 Moss Park Road - Orlando, FL 32832

**NOTE: NO PETS** are allowed at this park

**CAMPING** is available at this park

**THIS PARK HAS AN ENTRY FEE** of \$3/day unless you are camping in the park

### JUDGE & VOLUNTEER FORM



Please PRINT or TYPE:

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone # ( \_\_\_\_\_ ) \_\_\_\_\_ T-Shirt size (volunteer early so we can provide your requested size) \_\_\_\_\_

Email Address (for contacting) \_\_\_\_\_

Allergies?  Yes  No Please list if yes: \_\_\_\_\_

Have you ever volunteered at any TCC event before?  Yes  No

List year(s): \_\_\_\_\_

Are you First Aid/CPR Certified?  Yes  No

Do you have experience as a gear check technician?  Yes  No

List any specific qualifications or past experience: \_\_\_\_\_

Lunch preference:  Regular lunch  Vegetarian lunch

## THANK YOU FOR YOUR OFFER TO VOLUNTEER!

I am able to help:

- as a judge
- with site pre-pruning
- with site preparation the week prior to competition
- with registration
- with timing and record keeping
- with awards
- at the FC-TCC dinner on day of the competition
- other \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Submit this Volunteer form and the Volunteer Waiver form to:

MAIL: Florida Chapter ISA - 7853 S Leewynn Court - Sarasota, FL 34240  
 PHONE: 941-342-0153  
 FAX: 941-342-0463  
 EMAIL: jan@floridaisa.org (you may submit this form as an email attachment)



**FC-TCC TREE CLIMBING CHAMPIONSHIP  
VOLUNTEER WAIVER FORM**



Please PRINT Clearly

Volunteer's Name: \_\_\_\_\_

Address: \_\_\_\_\_ Zip: \_\_\_\_\_

Employed by: \_\_\_\_\_

Phone: ( \_\_\_\_ ) \_\_\_\_\_ Email: \_\_\_\_\_

**Waiver and Hold-Harmless by Volunteer**

In consideration of acceptance of my offer to be a volunteer for the Climbing Championship, I hereby waive any and all claims I may have at anytime, and any and all claims which might otherwise be made by, or on behalf of, or on account of me, or by me, or by any person or entity in any way as my subrogee against the property owner and the International Society of Arboriculture, its officers, directors, employees, agents, members, guests, invitees, and any person who would be lawfully entitled to indemnification from them for any liability to, or on behalf of, or on account of me, for any injuries or damages of any kind whatsoever arising on account of or in consequence of my activities or participation in the Climbing Championship, or in any other way related to the Climbing Championship. I further agree to hold the property owner and the International Society of Arboriculture, its officers, directors, employees, agents, members, guests and invitees, safe and harmless from any expense for defense, settlement, payment of damages, or other expenses related in any way to injuries sustained by me in any way related to the Climbing Championship. I recognize and assume all risks and danger involved in my participation, and will not under any circumstances rely upon the care, attention or assurance of anyone other than myself for matters relating to my safety.

Dated \_\_\_\_\_ Signature of Volunteer \_\_\_\_\_

**Certification and Waiver by Employer of Volunteer**

I hereby certify that I am the employer or a duly authorized representative of the employer of the above-named individual planning to volunteer at the Climbing Championship, and that the employer has encouraged this participation. I further certify that I have satisfactorily confirmed that the employee will be covered by statutory protection levels of Workers Compensation Insurance or the equivalent, for any injuries sustained in the course of participation. The employer hereby waives any and all subrogation claims it may have against the property owner and the International Society of Arboriculture, its officers, directors, employees, agents, members, guests, or invitees, as a result of any compensation or their benefits or expenses incurred or paid by it, its insurance carrier, or otherwise on its behalf, in the event any claim or injury results from this participation, and will hold the property owner and the International Society of Arboriculture, its officers, directors, employees, agents, members, guests, and invitees safe and harmless from any expense for defense, settlement, payment of damages and other expenses relating in any way by this employee. I further certify that I am duly authorized to execute this Certification and Waiver on behalf of the employer and that any and all necessary resolutions have been duly passed and adopted by the employer.

The exact name and address of the employer, and state of incorporation (if applicable):  
\_\_\_\_\_  
\_\_\_\_\_

Dated \_\_\_\_\_

Signature of Employer or Authorized Representative \_\_\_\_\_

Mail, fax or email (you may submit as an email attachment) this completed competition waiver form along with the competition registration form and payment to:  
Florida Chapter ISA ♦ 7853 S Leewynn Court ♦ Sarasota, FL 34240

# International Society of Arboriculture Florida Chapter

Our Mission: "To Promote and Improve the  
Scientifically Based Practice of Professional Arboriculture"



## Arborist Code of Ethics

Strive for continuous self-development by increasing their qualifications and technical proficiency by staying abreast of technological and scientific developments affecting the profession.

Not misuse or omit material facts in promoting technical information, products or services if the effect would be to mislead or misrepresent.

Hold paramount the safety and health of all people, and endeavor to protect property and the environment in the performances of professional responsibilities.

Accurately and fairly represent their capabilities, qualifications and experience and those of their employees and/or agents.

Subscribe to fair and honest business practices in dealing with clients, suppliers, employees and other professionals.

Support the improvement of professional services and products through encouraging research and development.

Observe the standards and promote adherence to the ethics embodied in this code.



Florida Arborist  
Florida Chapter ISA  
7853 South Leewynn Court  
Sarasota, FL 34240