

Spring 2023  
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## What if plastic packaging was made from wood?

Amy Androff  
 Forest Product Laboratory, USDA Forest Service  
 October 18, 2022



*Plastics production contributes approximately 4% to global greenhouse gas emissions. Many of these single-use plastics could one day be made sustainably from wood pulp. (Licensed photo from Adobe Stock)*

Two major societal issues—wildfire and petroleum-based plastics—are currently affecting life on our planet and significantly adding to greenhouse gas emissions. The USDA Forest Service’s Forest Products Laboratory (FPL) is invested in one solution for both by developing recyclable, next-generation packaging materials from wood.

Wildfire has caused catastrophic damages to the American West because of hazardous fuel loads and a century of fire suppression. Nearly 73 million acres of public forest are at risk for disastrous wildfires and millions more acres of private forests share the same danger. Without economic markets to galvanize

improved forest management and the use of low-grade timber, this material remains on the land like matchsticks ready to ignite.

Plastics production contributes approximately 4% to global greenhouse gas emissions. An estimated 8,300 million metric tons of virgin plastics has been produced as of 2017. It is estimated that only 9% of plastic waste gets re-

cycled; 12% is incinerated; and a whopping 79% of that 8,300 million metric tons has accumulated in landfills and the environment. And since the pandemic began in 2020, global usage of single-use plastic (think straws, masks, carry-out food shells, and convenience food containers) has tripled.

The Forest Service has been developing sustainable packaging solutions from wood for over 100 years, starting with wooden crates from WWI munitions. This year, with partners at University of Wisconsin-Madison and Michigan State University, FPL researchers will holistically use the low-grade timber from

*[Plastic continued on page 4](#)*



I am thrilled to serve the Florida Chapter, International Society of Arboriculture as the 2023 President. I would like to thank all of the board members that contributed to a successful year in 2022. I would also like to extend a special acknowledgment to Jonathan Frank as our outgoing president. To those whose terms have wrapped up on the board, we appreciate your

commitment and engagement to the Chapter (Kimberly Pearson served as past president, Wade Collum and Carson Smith served as At Large Representatives, Matt Anderson as our Municipal Arborist Representative and Barry Grubb as our Utility Arborist Representative); the Chapter would not be where it is today without those of you who have donated your time and energy into the love of our industry. I am looking forward to working with the Committee Chairs closely to bring up to date feedback to the Board as well as membership. I am pumped about reviving the Volunteer Work Day later this Fall. My hopes are to create a lasting event that will rotate throughout the state once supporting a non-profit organization in need of tree work that might not otherwise be able to do so. More details to follow as we get closer.

Many of you are aware that our current Chief Executive Officer, Norm Easey will be retiring this year. The Chapter is eternally thankful for all of the hard work and dedication put forth for this organization. While I know Norm, Jan and Patty will miss all of us, I have a feeling that they are going to have a great time as they all are planning on fully embracing retirement with new adventures. One might be concerned about how the Chapter moves on from here...have no fear the Executive Transition Strategy Task Force has been hard at work preparing for this transition every step of the way. I would like to take a moment and thank the Task Force which includes Kimberly Pearson, Bonnie Marshall, Michael Marshall and Quatisha Oguntoyinbo-Rashad. The a Chapter has been in great hands thanks to their direction and preparation. The Chapter went through a rigorous process of screening and interviewing high quality candidates for the Executive Director position. I am delighted to announce Lori Ballard will be transitioning into the Executive Director position over the next several months. Norm and Lori will be working closely in order to provide a smooth changeover. Lori is a very familiar face to the Chapter; she is a past President and has been a dedicated Chair to the Education Committee. Lori and I both share a passion and interest as it relates to our climber community within the Chapter and beyond.

The Chapter's board and committees have been very active. There is a new pruning credential that is currently in development that is tentatively planned for a late 2023 Fall roll-out. Many thanks go to Dr. Ed Gilman, Dr. Ryan Klein, Lori Ballard, Rob Calley, Norm Easey, Jonathan Frank, Lindsey Purcell and Craig Wilson. The Grant Committee has

*Message continued on page 4*

## MEMO BOARD



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March 3, 2023*

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*Outdoor Tree School  
Winter Gardens  
March 10, 2023*

▷ *Flyer*

▷ *Click here to register*



*Florida Tree Climbing Championship  
Climber spots are full*

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*TRAQ and TRAQ Renew classes in  
May are filled*

*2-day Tree School Short Course  
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May 16-17, 2023*

▷ *Click here for updates*



*Trees Florida 2023  
Cape Coral Westin Resort  
June 5-6-7, 2023*

▷ *Click here for hotel reservations*

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*Conference registration opens early April*

# Trees Florida 2023

## June 5-6-7, 2023

### Florida Chapter ISA 2023 Board of Directors

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FUFC Representative ('23 -'25)**  
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**Florida Chapter Trustee:**  
Rick Joyce

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

**Administration**  
Norm Easey, Chief Executive Officer  
Lori Ballard, Interim Executive Director  
Jan Easey, Admin. Assist.  
Patty Morrison, Admin. Assist.

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

2022 - Jonathan Frank  
2021 - Kim Pearson  
2020 - Rob Calley  
2019 - Adam Jackson  
2018 - Scott Shultz  
2017 - Lori Ballard  
2016 - Bonnie Marshall

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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[Plastic continued from page 1](#)

western forests to create prototype packaging products that could one day become an equivalent alternative to current plastic packaging.

Compared with only 9% of plastic products recycled worldwide, 68% of paper products are recycled. An increase in bio-based packaging products would make a significant and positive impact on an environment al-



*Branches, treetops and small-diameter logs left after a hazardous fuel reduction treatment. (US Forest Service photo)*

ready straining under the load of petroleum-based plastics.

FPL’s sustainable packaging prototype products include barrier films (think the internal coating of potato chip bags or the film you peel back

from single-use containers—it’s what keeps items fresh), thermoformed trays and cups (the kind in cookie boxes to neatly hold each individual treat), and pulp-molded containers (such as sturdy papery trays from the drive-thru window that hold drinks).

This revolutionary packaging would be made from wood pulp from small-diameter logs, treetops and branches that are often left after hazardous fuel reduction treatments. This biomass is usually burned or left to decompose. However, small-scale mills could be constructed and operated to reuse these materials to create sustainable packaging.

Without economic markets to galvanize improved forest management and the use of low-grade timber, this material remains on the land like matchsticks ready to ignite. Increasing the monetary value of forest wood waste would offset the cost of forest management and enable the Forest Service to accelerate fuels reduction on at-risk forests.

Sustainable packaging has emerged as one of the most promising uses for wood-based nanomaterials—especially since they have good grease and oxygen barrier properties that makes them an ideal food packaging alternative to single-use petroleum-based plastics. ❖

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[President’s Message continued from page 2](#)

approved two grants. The first being a new book that will be published by the Florida ISA that will discuss tree pathogens, pests and abiotic disorders written by Dr. Jason Smith. The second grant was awarded to Dr. Ryan Klein, his research will look into the use of biochar and compost for newly planted trees.

We are looking forward to spending more time with each of you in 2023! We have many seminars scheduled throughout the state; a few of the upcoming seminars are located in Clearwater, Winter Garden, Winter Park and Cape Coral just to name a few. Don’t miss the opportunity to attend our ISA Florida Chapter Annual Outdoor Tree School on March 10 and support our fellow arborists at the Florida Chapter Tree Climbing Championship on March 11. This event is a great way to see some familiar faces and

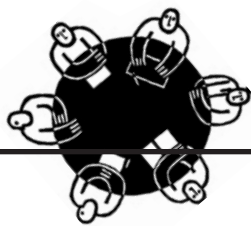
meet new people in the industry. Bring the family out; the kids have an opportunity to create crafts and see the skill set of all the amazing climbers...my kids love this event!

Don’t forget to mark your calendar for Trees Florida 2023 in Cape Coral, Florida June 5-6-7!

Looking forward to an exciting year ahead!

*Ali Summersill*  
President, Florida Chapter ISA





# Florida Chapter Board Updates

## BOARD SHORTS:

### WELCOMING A NEW EXECUTIVE DIRECTOR



Past president Jonathan Frank and the Transition Committee (for hiring a new Florida Chapter Executive Director) has announced Ms. Lori Ballard as the new Executive Director for the Chapter. Lori will begin work for the Florida Chapter in March, 2023 in preparation to take over the reins in September 2023 when current CEO Norm Easey retires.

### ELECTION RESULTS



The results of the fall Florida Chapter election are as follows:

- Vice President (becomes President in 2024): Dr. Andrew Koeser, UF GREC
- Municipal Representative: Mr. Kris Stultz, Panama City
- Utility Representative: Mr. Keith Horn, Davey Tree Care
- At-large appointees: Ms. Mary Edwards, Rollins College and Ms. Kimberly Pearson, The City of Fort Lauderdale

We had outstanding participation in the election this year! Thank you all for your important input. And thank you to everyone who ran in the election.

### THANK YOU FROM ALS



The Florida ALS – Tampa Regional Chapter (Lou Gehrig’s disease) has sent the Florida Chapter a thank you letter for our donation of \$1079 that was collected during Trees Florida 2022 (Clearwater) at the Giving Tree event.

Past president Jonathan Frank chose this organization as the recipient of the first Giving Tree event in order to honor Bruce Smith, a past Florida arborist and Florida Chapter member and president.

### SPRING SEMESTER JOHN P. WHITE SCHOLARSHIP RECIPIENT



The Florida Chapter Board is please to congratulate the student who received the spring semester 2023 John P.White Scholarship: Stephanie Cadaval. The John P. White Memorial Scholarship was established to support education in the arboriculture/urban forestry industry through scholarships in the sum of \$1250 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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## New Chapter Executive Director



On behalf of the Florida Chapter of the International Society of Arboriculture, it is my pleasure to announce that the Board of Directors has approved Ms. Lori Ballard as our new Chapter Executive Director!

Lori is an ISA Certified Arborist and a Florida Chapter ISA past-president with over 17 years of experience in arborist services including tree and landscape inventories and assessments, permitting and code compliance, tree preservation, appraised value of tree and landscapes, and tree risk assessments. We are thrilled to welcome Lori as Chapter staff and look forward to her beginning in Marc, 2023, providing overlap during the Executive Director transition.

As you are aware, current Executive Director Norm Easey will be retiring in September of 2023. Florida Chapter ISA is so very thankful for his continuous efforts in promoting the scientifically based practice of arboriculture, research, education, and public awareness over the past 30 years, and we look forward to a successful transition into the next 30 years!

Jonathan Frank, Past President, 2022  
 Florida Chapter ISA

# TREES FLORIDA 2023

## CONFERENCE AND TRADE SHOW



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**JUNE 5-6-7, 2023**

**Westin Cape Coral Resort  
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The Westin Cape Coral Resort at Marina Village Trees Florida Conference rate: \$179 USD - \$239 USD per night plus \$15 resort fee upon check-in. (available until May 9, 2023 or until fully booked.)

[Click here for hotel reservations](#)

TREES FLORIDA is the premier annual event hosted by the Florida Chapter ISA. Won't you join us in 2023 as an exhibitor in Cape Coral, FL?

[EXHIBITOR information here](#)

Support Florida ISA and the Florida arboriculture industry by **sponsoring** the Trees Florida Conference & Trade Show 2023!

[SPONSOR information here](#)



# FLORIDA CHAPTER TREE CLIMBING CHAMPIONSHIP



**Saturday, March 11, 2023: Preliminaries**  
**Sunday, March 12, 2023: Master's Challenge**  
**Veteran's Park**  
**Winter Garden, FL**



FCTCC Arbor Fair Chair: Bonnie Marshall, [bonnie.marshall@juniperlandscaping.com](mailto:bonnie.marshall@juniperlandscaping.com)  
 FCTCC Climbing Chair: Adam Jackson, [adamjacksonarborist@gmail.com](mailto:adamjacksonarborist@gmail.com)

Contact the committee chairs above if you have any questions about competing, 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.

## Climbers:

**Limit of 42 climbers. Climber spots are filled.**

- Thursday, March 2, 2023: Climber registration closes or when spots are filled
- Friday, March 10, 2023: Outdoor Tree School AND afternoon gear check
- Saturday, March 11, 2023 Preliminaries
- Sunday, March 12, 2023: Master's Challenge
- Call Florida ISA if the spots are filled and you want to be added to the waiting list
- Further details after clicking link

## COME AND WATCH YOUR FAVORITE CLIMBER SHOWCASE THEIR SKILLS!

**ALL REGISTRATIONS WILL BE DONE ONLINE**

## Volunteers

We appreciate your help!

[CLICK HERE TO REGISTER AS A VOLUNTEER.](#)

## Exhibitor-Sponsors

[CLICK HERE TO SUPPORT OUR EVENT and EXHIBIT ON Saturday, March 11, 2023.](#)

- Exhibitor-Sponsors exhibit for the full day on Saturday.
- ONLY 6 EXHIBITOR booths will be available this year.
- Canopy pop-ups must be no larger than 10X10. ONE vinyl banner can be hung from the canopy only.
- NO flags/flutter flags are permitted.
- No active selling permitted.
- Further details and benefits after clicking link.

## Sponsors

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- Banners will be limited to 1 banner 5'X3' or smaller, to be installed by TCC Chair in designated area.
- Further details and benefits after clicking link.



# DECODING THE SECRET LANGUAGE OF PHOTOSYNTHESIS: PLANT CELL COMMUNICATION INSIGHTS COULD HELP CURE CANCER

University of California

For decades, scientists have been stumped by the signals plants send themselves to initiate photosynthesis, the process of turning sunlight into sugars. UC Riverside researchers have now decoded those previously opaque signals.

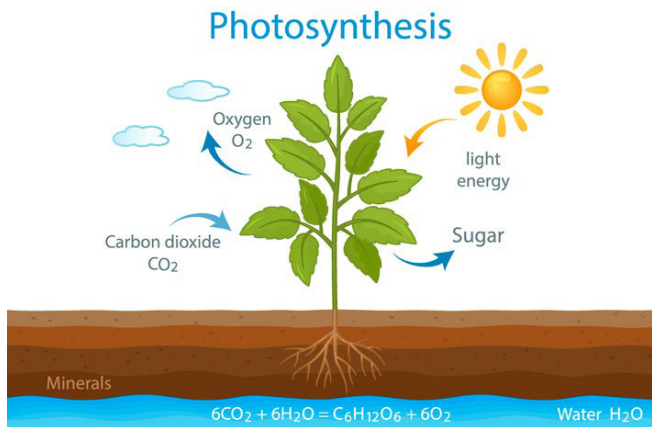


Figure 1 Basic inputs and outputs of the photosynthesis process (iStock: Olha Pohorielova)

For half a century, botanists have known that the command center of a plant cell, the nucleus, sends instructions to other parts of the cell, compelling them to move forward with photosynthesis. These instructions come in the form of proteins, and without them, plants won't turn green or grow.

“Our challenge was that the nucleus encodes hundreds of proteins containing building blocks for the smaller organelles. Determining which ones are the signal to them to trigger photosynthesis was like finding needles in a haystack,” said UCR botany professor Meng Chen.

The process the scientists in Chen’s laboratory used to find four of these proteins is now documented in a [Nature Communications](#) paper.

Previously, [Chen’s team demonstrated](#) that certain proteins in plant nuclei are activated by light, kicking off photosynthesis. These four newly identified proteins are part of that reaction, sending a signal that transforms small organs into chloroplasts, which generate growth-fueling sugars.

Chen compares the whole photosynthesis process to a symphony.

“The conductors of the symphony are proteins in the nucleus called photoreceptors that respond to light. We showed in this paper that both red and blue light-sensitive photoreceptors initiate the symphony. They activate genes that encode the building blocks of photosynthesis.”

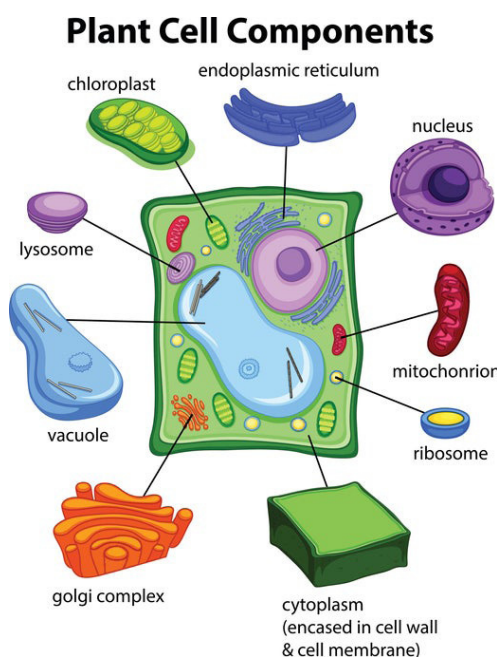


Figure 2 (iStock colemtt)

The unique situation, in this case, is that the symphony is performed in two “rooms” in the cell, by both local (nucleus) and remote musicians. As such, the conductors (photoreceptors), who are present only in the nucleus, must send the remotely located musicians some messages

over distance. This last step is controlled by the four newly discovered proteins that travel from the nucleus to the chloroplasts.

This work was funded by the National Institutes of Health, in the hopes that it will help with a cure for cancer. This hope is based on similarities between chloroplasts in plant cells and mitochondria in human cells. Both organelles generate fuel for

[Photosynthesis continued on page 12](#)

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Florida Chapter ISA 2022 Accomplishments

Florida Chapter Members: 1,604  
**New** Certified Arborists: 109  
**New** Board Certified Master Arborists: 4

Proposed revisions to the Florida Tree Removal Law – SB 0518 **APPROVED**

Hosted 40 climbers at the Florida Chapter TCC event in Leesburg

Hosted the annual Trees Florida Conference - Clearwater Beach  
 Attendees: 490

Increased social media outreach  
 Facebook – now at 2,000 followers

Sponsored TCC Chapter winners, Alisha Amundson and Ron Thurner at ISA ITCC in Copenhagen, Denmark

Published the new *Field Guide to Wood Decay Fungi on Florida Trees* with help from UF and Florida Division of Forestry

Financially contributed \$2,000 to two Tour de Trees riders

Donated TAC revenues of \$104,273 to our UF Arboriculture Endowment

Awarded \$2,500 in Scholarships from the John P White Memorial Scholarship Fund

Published monthly Florida eTree Newsletters sent to 5,073

Co-hosted the Urban Tree Diversity 4 Conference held in St. Petersburg

Donated \$7,450 to the TREE Fund from TF2023 Silent Auction

Published 4 quarterly Florida Arborists Newsletters sent to 1,534 Chapter members

Earned \$155,395 from our Florida Specialty Plate “TreesAreCool”

Florida Chapter Grant Program – Gave \$210,000 to five recipients – Drs. Brian Bahder, Jason Smith, Ryan Klein, Andrew Koeser and Ed Gilman

Donations of \$1,079 from *Giving Tree* project held at Trees Florida 2023 given to ALS in honor of past president, Bruce Smith

Hosted 18 Arboricultural seminars

Watch how we grow in 2023!

*Photosynthesis continued from page from page 9*

growth, and both harbor genetic material. Currently, a lot of research describes communication from organelles back to the nucleus. If something is wrong with the organelles, they'll send signals to the nucleus "headquarters." Much less is known about the activity-regulating signals sent from the nucleus to the organelles.

"The nucleus may control the expression of mitochondrial and chloroplast genes in a similar fashion," said Chen. "So, the principles we learn from the nucleus-to-chloroplast communication pathway might further our understanding of how the nucleus regulates mitochondrial genes, and their dysfunction in cancer," Chen said.

The significance of understanding how photosynthesis is controlled has applications beyond disease research. Human settlements on another planet would likely require indoor farming and creating a light scheme to increase yields in that environment. Even more immediately, climate change is posing challenges for crop growers on this planet.

"The reason we can survive on this planet is because organisms like plants can do photosynthesis. Without them there are no animals, including humans," Chen said. "A full understanding of and ability to manipulate plant growth is vital for food security." ❖



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## Consultant's Corner

by Joe Samnik, Expert Forensic Arborist



### GOOD FENCES MAKE GOOD NEIGHBORS

Over 100 years ago Mark Twain wrote this passage in his poem, Mending Wall. What Mr. Twain would have written of today's litigious marketplace can only be imagined; however, I doubt that it would have been a rhyme.

Fences have a purpose. Consider that there are about 19,000 livestock farms in Florida, not to mention citrus groves, horse farms, sugarcane, and numerous other agricultural and livestock scenarios.

We, as arborists working in an urban environment, most always encounter fences as a contemptuous matter between neighbors. Mr. Twain had that part correct. Fences are a problem for us. Typically, we passed the question of fences and the problems they cause off to an attorney or a consultant who specializes in these types of matters.

Just because an inconvenience is caused by a fence to

one neighbor does not automatically make it a legal nuisance. Courts seem to consider fences as a nuisance if the circumstances of the matter demonstrate that the use is continued and causes significant harm to a person's legal rights. Courts know not and care less regarding the motive or the reason that the owner of the fence erected it in the first place. Courts further attend to deny a request for an injunction if the person complaining of the fence has improper motives.

In one such case the court found that the building of two fences hindered the use of a private road as a nuisance. However, in another matter a neighbor built a fence high enough to block the view of their neighborhood waterfront and make their neighborhood appear institutional in nature. The neighbor that built the fence claimed prevention of trespass, burglary, and privacy. The court allowed the fence to remain declaring similar fences already existed in the neighborhood and no one had complained about them before. Further, that the subject fence did not completely cut off the beach view of the complainant, or other ill-gotten reasons to build the fence in the first place.

A property owner is free to the reasonable use of this property; however, that same property owner cannot interfere with an adjoining landowner's right to enjoy his property as well. A nuisance may be public or private. A private nuisance affects only private property rights. A public nuisance causes damage to public rights, or the general public.



Shrubbery and trees may be classified as a fence and result in a nuisance to a neighbor. Boundary lines are often defined with trees. Make certain that your involvement with fences as a nuisance is backed by the knowledge of legal advice. ❖

# TREE CARE ACADEMY CAREER PATHWAY



## ONLINE COURSES



- Easy to access!
  - Faster test results!
  - Real-time resources!
- All on one platform.

### 3 WAYS TO USE OUR ONLINE COURSES:

**1** Company Admin: assigns online courses to employees for independent study. The employee will use the extended learning activities to guide best practices while on-the-job.

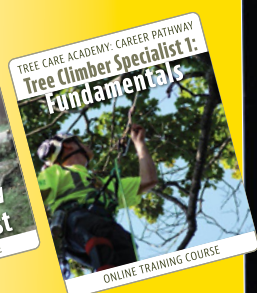
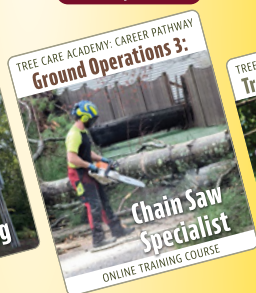
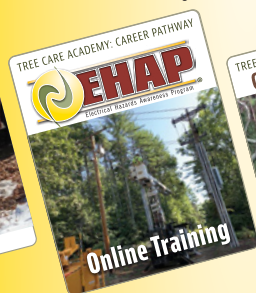
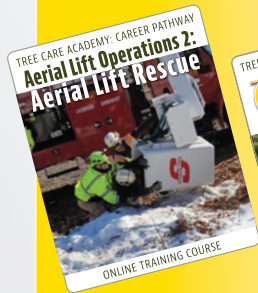
**2** Companies hire a TCIA Qualified Trainer to instruct directly from the online course to create a blended learning workshop for employees.

**3** Take your online courses with you with an easy-to-use app on your phone or tablet. Reference materials and courses are easily used while out in the field.

Prepare your crew with essential safety skills and best practices. Blend online learning with on-the-job skills demonstrations. Upon successful completion of these courses, enrollees will receive a certificate demonstrating the ability to learn and retain valuable industry knowledge.

### Online courses currently available:

- Aerial Lift Operations 1: Fundamentals
- Aerial Lift Operations 2: Aerial Lift Rescue
- Electrical Hazards Awareness Program (EHAP) - Also **en español**
- Ground Operations 1: Fundamentals - Also **en español**
- Ground Operations 2: Chipper Specialist - Also **en español**
- Ground Operations 3: Chain Saw Specialist - Also **en español**
- Ground Operations 4: Tree Rigging and Removal
- Tree Climber Specialist 1: Fundamentals
- Tree Climber Specialist 2: Aerial Work
- Tree Climber Specialist 3: Climbing Aerial Rescue
- Intro to Arboriculture Safety - Also **en español**



*New online courses in English AND in Spanish will be added throughout the year!*

**Pricing varies.**

**Scan here to go directly to our online learning center.**



TREE CARE INDUSTRY ASSOCIATION | [TCIA.ORG/OnlineLearning](https://TCIA.ORG/OnlineLearning)



**To advertise in the Florida Arborist contact the Florida Chapter office at 941-342-0153.**

*Our electronic version of the Florida Arborist allows for an active link directly to your website!!*

**Single Issue advertising rates are as follows:**  
**Full Page - \$250/issue**  
**Half Page - \$200/issue**  
**Quarter Page - \$150/issue**  
**Business Card - \$75/issue**  
**Classified Ad - \$25/issue**

**Discounts for a commitment of 4 consecutive issues:**  
**Full Page - \$200/issue**  
**Half Page - \$150/issue**  
**Quarter Page - \$100/issue**  
**Business Card - \$50/issue**  
**Classified Ad - \$25/issue**

**Prices include one link from the ad to your website. Additional links are \$25/link per issue.**

call 941-342-0153  
 or email [jan@floridaisa.org](mailto:jan@floridaisa.org)

## News From International

### ARBORIST CERTIFICATION STUDY GUIDE AUDIO

[The Arborist Certification Study Guide](#) is now available as an AUDIOBOOK too. The audiobook version features a complete reading of the Study Guide in MP3 format. All sixteen fully narrated chapters are available for users to listen to at their own pace at home or on the go. Purchase both the print version and the audiobook together: use the discount code **COMBO25**.

### CLIMBERS' EDGE: NEW MONTHLY E-NEWSLETTER

We are excited to introduce Climbers' Edge, ISA's new monthly e-newsletter dedicated to the climbing community. [Click here to subscribe](#) to the newsletter which will be out in the coming weeks! ❖

## FLORIDA CHAPTER AWARDS NOMINATIONS!



Nominate your colleagues by May 15th! The Florida Chapter ISA recognizes outstanding achievements in the arboriculture profession, as well as the efforts by individuals to make an impact on the practice of arboriculture. We recognize these contributions through several award categories: Bok Award, Award for excellence in Education, Award of Distinction, Loren Westenberger Award, and President's Award of Merit. Applications for the Florida Chapter ISA awards are due by May 15, 2023. [Click here to find the awards application form](#)



**OUTDOOR TREE SCHOOL**

**Winter Garden, FL  
Tanner Hall**

**FRIDAY, March 10, 2023**

ISA CEUs: Cert Arborist: 5.75 Cert Tree Worker: 5.75  
 BCMA: P-2.25 and S-3.50

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JOIN US AT THE FLORIDA TREE CLIMBING CHAMPIONSHIP TOO:  
 Sat and Sun March 11-12  
 Veterans Memorial Park  
 in Winter Garden, FL







# Preserve Florida's Greatest Green Resource - Trees!

**Buy a TreesAreCool plate!  
Send in your receipt and  
get a free Florida ISA  
1-day seminar -  
promotion is going on now!**

Through your purchase of the TreesAreCool License Plate for your vehicle, you help benefit our Florida urban tree environments through:

- Tree research
- Scholarships
- Ongoing education of tree-care practitioners
- And provide public education programs about tree care and preservation.

*The Tree Tag...Get it Today!*



WEB: [www.floridaisa.org](http://www.floridaisa.org) P: 941-342-0153 E: [jan@floridaisa.org](mailto:jan@floridaisa.org)

The Florida Chapter of the International Society of Arboriculture (ISA) is a non-profit organization committed to serving the needs of Florida's professional arborists and tree-care consumers.

## Florida Chapter ISA - 2023 Education Schedule

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

[View Florida Chapter Seminars Online](#)

Date	Seminar/Class	Location (s)	Open for Registration
March 3, 2023	Palm School	Clearwater	<a href="#">REGISTER ONLINE</a>
March 10, 2023	Outdoor Tree School	Winter Garden	<a href="#">REGISTER ONLINE</a>
May 2023	TRAQ /TRAQ Renew		CLASSES ARE FULL
May 16-17, 2023	2-day Tree School Short Course	Orlando	<a href="#">REGISTRATION TO OPEN SOON</a>
June 5-6-7, 2023	Trees Florida	Cape Coral	<a href="#">REGISTRATION OPENS IN APRIL</a>

# Welcome!

## New Florida Chapter Members

Below are the individuals that joined the Florida Chapter during the fourth quarter of 2022. 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.

We would like to also thank our renewing members throughout the past year. We sincerely appreciate your support of the Florida Chapter.

Mayra C Aguiar, Royal Palm Beach, FL	Brennan Dierks, Altamonte Springs, FL	Marti Machado, Tampa, FL	Horace Shelton, Milton, FL
Oscar Ruiz Álvarez, Naples, FL	Scott Dorton, Fort Pierce, FL	Jaclyn Mantel, Naples, FL	Julie Sherer, Newman, IL
Katrina Barreca, Fort Lauderdale, FL	Joshua Easley, Tequesta, FL	Nicholas Markley, Chardon, OH	Nakita Shim, Homestead, FL
Michael Bolen, Lake City, FL	Joshua Ebanks, Savannah, Grand Cayman	Gabril K. McKinney, Tallahassee, FL	Carrie Shuster, Hialeah, FL
Clayton Breneman, Deltona, FL	Sabrina Ferrand, Odessa, FL	Jeremy Menard, Miami, FL	Shane Smith, Ormond Beach, FL
Kyle Brooker, Sebastian, FL	Frederick Floyd, Gainesville, FL	Jaromny Mercedes, Pembroke Pines, FL	Ron Stacey, New Port Richey, FL
Robert Calhoun, Clearwater, FL	Ricky Folsie, Houma, LA	Christian Metcalf, Riverview, FL	Eric Stearns, Clearwater, FL
Josandra Castillo, Miami, FL	Jacob Gambino, Tamarac, FL	Justin Moore, Citra, FL	Howell Tait, Dade City, FL
Loren Castillo, Williston, FL	Yancy Goggin, Ocklawaha, FL	Scott Ommen, Crystal Lake, IL	Tallon Trammell, Atlantic Beach, FL
Jamie Carolyn Clay, Orlando, FL	Julian Gomez, Wimauma, FL	Cara Kristine Overbaugh, Catskill, NY	Laura Ureta, Ormond Beach, FL
Rachel Conklin, Edgewater, FL	Allen Goodin, Arnold, CA	Larry Dean Hay, Saint Petersburg, FL	Rommel Valencia, Brunswick, MD
Kevin Coppola, Davenport, FL	Laura Halsey, Winter Park, FL	Caleb Paulson, Coeur D. Alene, ID	Rafael Vidal, Kissimmee, FL
John M. Daly, Orange City, FL	Larry Dean Hay, Saint Petersburg, FL	Alicia Pearce, Tallahassee, FL	Christopher Williams, West Palm Beach, FL
Robert Daniels, Sewalls Point, FL	Mark Herman, Fort Myers, FL	David Raine, Pensacola, FL	Duron Edward Williamson, Branford, FL
Francena Davis, Palm Coast, FL	Michelle Kampeas, Davie, FL	Nicolas Restrepo, Tampa, FL	Thomas Wright, Burlington, ON
Oscar H. De Leon, West Palm Beach, FL	Rebecca Kirk, Riverview, FL	Simone Roetman, Davie, FL	Teagan Young, Ocala, FL
Clifton Dever, Gulf Breeze, FL	David Kirks, Decatur, GA	Landon Rogers, Bradenton, FL	Clay Zook, Naples, FL
	Travis Laird, Pace, FL	Andrew Roman, Jacksonville Beach, FL	
	Jimmy Lange, Coral Springs, FL	Henry Salazar, Saint Petersburg, FL	
	Frank LaRosa, Vero Beach, FL	Thomas Schmitt, Lutz, FL	
	Christopher Larson, Milton, FL		
	Daniel Leija, Bradenton, FL		
	John Lytle, III, Tallahassee, 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

or mail to:  
Florida Chapter - ISA  
7853 S. Leewynn Court  
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 2023 Board Meeting - Dates & Locations

March 24, 2023 - Orlando

# Arborist Certification Committee Report

*By Norm Easey, Florida Certification Liaison*

[Click here to view all scheduled exams](#); clicking on the “state” column will group all Florida exams together for easy searching. Relatively few in-person exams are currently scheduled; look into taking your exam at a Pearson Testing Center (throughout Florida - most are open with COVID safety precautions).

See the [ISA International](#) website for more information about the various ISA arborist credentials and how to earn them.

Florida Chapter currently has 2172 Certified Arborists.

The Florida Chapter would like to congratulate the following 71 Florida or Florida Chapter individuals for earning their certifications during the 4th quarter of 2022 as Board Certified Master Arborist, Certified Arborist, Municipal Specialist, Utility Specialist as well as TRAQ Qualified:

## **Board Certified Master Arborist**

Jonathan Colburn, Gainesville, FL

## **Certified Arborist**

Daniel Boston, Lithia, FL  
 Theo Brown, Lake Worth, FL  
 Gonzalo Carbonell, Tampa, FL  
 Robert W. Collins, Naples, FL  
 Kevin Coppola, Davenport, FL  
 Brook Dannemiller, Miami, FL  
 Francena Davis, Palm Coast, FL  
 Joshua Decarlo, Cocoa, FL  
 Carl Desvarieux, Daytona Beach, FL  
 Javier Alfredo Estronza, Bartow, FL  
 Corryn George, Saint Augustine, FL  
 Mauricio Gonzalez, Miami, FL  
 Isaiah Kozawick, Kissimmee, FL  
 Fabian E. Perez, Davenport, FL  
 Omar Persad, West Palm Beach, FL  
 Darren Portman, Thonotosassa, FL  
 Juan Rebellon, Miami Beach, FL  
 Jackson Richter,  
     Indian Harbor Beach, FL  
 Sean Rogers, Tampa, FL  
 Andrew Roman,  
     Jacksonville Beach, FL  
 Kaitlin Sternisha, Leesburg, FL  
 Benjamin Till, Saint Petersburg, FL  
 Alexis Tisol, Miami, FL

## **Municipal Specialist**

Charles Carr, Pinecrest, FL  
 Carolyn Cheatham Rhodes, Tampa, FL  
 Matthew Hill, Largo, FL

## **Utility Specialist**

James Clay, Welaka, FL  
 Carlos M Decius, Lauderhill, FL  
 Sheila Secondi, Lake Worth, FL

## **TRAQ Qualifications**

Ander Alvarez, South Miami, FL  
 Sarah I. Arnold, Clearwater, FL  
 Jesse Barnett, Tampa, FL  
 Gary Bridgewater, Coconut Creek, FL  
 Steven Brown, Fort Walton Beach, FL  
 Steven Burch, Nokomis, FL  
 James A. Butler, Largo, FL  
 Joseph P. Cermak, Tampa, FL  
 Joshua Collazo, Hollywood, FL  
 Alexander Dobosiewicz,  
     High Springs, FL  
 Anthony Dobosiewicz, Gainesville, FL  
 Barry Donohue, Jr., Naples, FL  
 John R. Fuller, Tampa, FL  
 Lester Gullede, Lake Wales, FL  
 Patrick J. Hannah, Fort Lauderdale, FL  
 Jessica Hong, Gainesville, FL  
 Maxine Hunter, Ocala, FL  
 Sean C. Jackson, Bryceville, FL  
 Rodney C. Livernois, Clearwater, FL

Ryan M. Loftis, New Port Richey, FL  
 Erik Miranda, Pierson, FL  
 Lloyd D. Morgan, III, Sarasota, FL  
 Rory P. Mueller, Sebastian, FL  
 Duane S. Parmelee, Jr.,  
     Saint Petersburg, FL  
 Nicholas Pizza, Wimauma, FL  
 Gregory Polidora, Boca Raton, FL  
 Robert Robicheau, Safety Harbor, FL  
 Leonard Royster, Tampa, FL  
 Leigh Ryser, Zephyrhills, FL  
 Matthew S. Samnik, Trinity, FL  
 Camille Schillizzi,  
     Fort Walton Beach, FL  
 Todd D. Warren, Stuart, FL  
 Paul Weaver, Seminole, FL  
 Elise M. Willis, Saint Petersburg, FL  
 John W. Duey, Crystal River, FL  
 Stephen Glass, Tallahassee, FL  
 Humberto Hernandez, Frostproof, FL  
 Michael C. Hoffman, DeLand, FL  
 Matthew G. Lindsey, Tallahassee, FL  
 Tallon Trammell, Atlantic Beach, FL  
 Justin E. Linnerooth, Cape Coral, FL

Are you thinking about becoming certified?

[Visit the International ISA website](#) To access the certification application handbook with further information.



# 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  
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Sarasota, FL 34240