More trees, not more grass, are associated with wellness and well-being, study suggests

By Susan Perry: MinnPost

More Trees, Not More Grass

Although residents of neighborhoods with plenty of leafy trees tend to have higher levels of psychological health and well-being, the same isn’t true for people living in neighborhoods where the green space consists primarily of open areas of grass.

Many studies have found that living near a green space — land that is partly or completely covered with natural vegetation — is associated with health benefits, including lower blood pressure, reduced levels of stress and anxiety, and an increased sense of general wellbeing.

Research has even linked green space with lower Medicare expenditures.

What hasn’t been clear from these studies, however, is whether all types of green space confer the same benefits. Or are some green spaces potentially more healthful than others?

A new study from Australia, published recently in JAMA Network Open, offers an answer. It found that although residents of neighborhoods with plenty of leafy trees tend to have higher levels of psychological health and well-being, the...
A Message From the President

What a fast-paced year 2019 has been. As the year continues through its final months, I would like to take the opportunity to thank the current board members that I have worked with for this year, and I extend an early welcome to Rob Calley who is the president-elect starting in January.

My year in office has included some memorable events.

- As TCC Chair, of course my hat goes off to all our climbers who participated in our Florida Chapter event in Maitland. We are always proud of their efforts and energy and we congratulate the winners who represented us up in Knoxville at the ITCC – Jason Gerrish and Alisha Amundson. I truly appreciate the volunteers that work so hard, often unseen, to put this event on each year. I rely on their input and I can’t say thank you loud enough to them: Brian Gould, John Freeman, Rick Wood and Chris Coates. We have a few new TCC procedures that we are developing and hope to implement them at the March 6, 7 and 8 event. MARK YOUR CALENDAR for March 7th-8th in Kissimmee. Forms for climbers, volunteers, exhibitors and sponsors are published in the back of this issue.

- Trees Florida 2019 in Fort Lauderdale wrapped itself around Father’s Day and I know some of us made it into a big family weekend at a stellar resort. Thanks, Kim Pearson, for your imaginative energy as conference host. Loved the ‘pub float’ and the beach bar social! Again, MARK YOUR CALENDAR for Trees Florida 2020, June 15-17 in Clearwater.

- Our seminars this year covered the gamut from January’s lab class on Tree Structure and Function to our brand-new Intro to Climbing geared toward beginning climbers where they, forgive the pun, were able to learn the ropes of climbing. Keep your eyes peeled for what we have coming up in 2020.

- I attended the annual ISA Leadership Workshop held in Atlanta. During the meeting I got to meet staff members as well as see the ‘new digs’. The main thought I brought back with me was ISA international headquarters staff is still working on the new transition with the move to Atlanta. They understand that there have been some issues and are working on fixing them.

Thanks for the opportunity to serve as your president during 2019! I will still be on the board through 2020 as past president. Please let me know if you ever have questions for the President continued on page 3
We honor and thank the Florida Chapter ISA Past Presidents

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same isn’t true for people living in neighborhoods where the green space consists primarily of open areas of grass.

In fact, people living in areas with higher percentages of bare grass tend to have higher levels of psychological stress, the study found. They also report being in poorer health.

“Our results suggest the type of green space does matter,” write the study’s authors, Thomas Astell-Burt and Xiaoqi Feng, in an online article for The Conversation. The two researchers are founding co-directors of the Population Wellbeing and Environment Research Lab at the University of Wollongong.

This finding doesn’t mean, however, that existing grassy areas should be removed or plans for new ones should be scrapped, they stress.

“Large open areas of grass can be awesome for physical activity and sport,” they write, “but let’s make sure there is also plenty of tree canopy too, while also thinking about ways to get more people outdoors in green spaces.”

For the study, Astell-Burt and Feng analyzed data collected from 46,786 adults, aged 45 and older, who lived in three Australian cities: Sydney, Wollongong and Newcastle. The participants were interviewed between 2006 and 2009 and then again six years later, between 2012 and 2013. At both interviews, they were asked to rate their general health and if they had ever been diagnosed by a physician with anxiety or depression. They were also asked questions designed to assess their risk of psychological distress.

Astell-Burt and Feng then looked to see what associations, if any, existed between the participants’ health and the green space where they lived. They used satellite images to calculate the percentage of total space, including its type (trees, low-lying vegetation or grass), within a one-mile walk of the participants’ homes.

After accounting for factors that can influence general health and psychological well-being, including age, household income, educational level and marital status, the researchers found that “total green space appeared to be associated with lower odds of incident psychological distress.”

But that was true only for green spaces with significant amounts of trees.

“Adults with 30% or more of their neighborhood covered in some form of tree canopy had 31% lower odds of developing psychological distress,” compared to people living in areas with 0 to 9 percent tree canopy, the researchers explain. “The same amount of tree cover was linked to 33% lower odds of developing fair to poor general health.”

Adults living in neighborhoods with 30 percent or more of the land covered in grass, however, were 29 percent more likely to have psychological distress. And they were 53 percent more likely to report being in fair or poor general health.

Possible explanations

Astell-Burt and Feng offer several possible explanations for their study’s findings. One has to do with the shade
Studies are linking high temperatures with heat exhaustion and mental health impacts. Research has suggested trees, rather than other forms of green space, may be best at reducing temperatures in cities. It may also simply be more comfortable to walk outside in cooler temperatures — not to mention going for a run or bike ride, both of which are good for mental health.

The biodiversity that trees offer may also be beneficial:

Research suggests tree canopy tends to be more biodiverse than low-lying vegetation. Increased biodiversity may support better mental health by enhancing the restorative experience and also via the immunoregulatory benefits of microbial “Old Friends” — microorganisms that helped shape our immune systems but which have been largely eliminated from our urban environments.

Open areas of grass, on the other hand, are not as inviting and therefore may impede rather than enhance health:

Large areas of bare grass in cities can make built environments more spread-out and less dense. Without tree canopy to shield from the midday sun, this may increase the likelihood of people using cars for short trips instead of walking through a park or along a footpath. The result is missed opportunities for physical activity, mental restoration, and impromptu chats with neighbors. Previous work in the United States suggests this might be why higher death rates were found in greener American cities.

Limitations and implications

This is an observational study, so it can’t prove any direct cause-and-effect relationship between green spaces and psychological health. Also, the participants self-reported much of the data the study relies on, including whether they had ever been diagnosed with anxiety or depression. Such self-reports can be unreliable, particularly given the stigma often associated with mental illness.

Still, the study’s findings are interesting and suggest that future studies on the effects of green space on wellness and well-being should look at the types, not just the amount, of those spaces.

“Population growth and the demand for more housing, amenities, and infrastructure in Sydney, Newcastle, and Wollongong is a challenge experienced in many other cities worldwide,” Astell-Burt and Feng write in their study. “Street trees in prime building locations are at a particular risk of being cut down. Shorn of tree canopy, sidewalk temperatures can be higher, sidewalks seem noisier, and walkers along them are exposed to more air pollution.”

“Our findings suggest that urban greening strategies with a remit for supporting community mental health should prioritize the protection and restoration of urban tree canopy,” they conclude. “In addition, the promotion of equal access to tree canopy may provide greater equity in mental health.”

The study can be read in full on the JAMA Network Open website.
A Rider’s Perspective – The 2019 Tour des Trees

This year’s Tour des Trees was a resounding Success! I rode 425 miles and we raised $371,575 to support tree research, endowments, arboricultural grad and undergrad students, and many other projects supported by the Treefund. It was a hard ride, with some punchy hills. I averaged seven hours/day ride time and 4,000 calories/day. My longest ride was 99 miles with over 5,000 feet of elevation climbed on that day alone. It was definitely a physical effort with a generous amount of suffering, but the camaraderie and the goal in mind helped me along the way.

Highlights included:

1. Largest known sassafras albinum in the world
2. Kentucky horses racing along side our pack as we rode by
3. Charged by a bull (briefly) that had escaped its paddock
4. Beautiful Kentucky/Tennessee rolling fields of corn and tobacco
5. Tobacco leaf curing houses filling the air with musky aroma as the leaves were dried and prepped for shipping
6. Delicious BBQ

7. Riding into and spending the night at Pennyrile Kentucky State Park

None of this could have been done without your generous donations. Thank you for sharing my passion for arboriculture and helping the Treefund continue its support of science and education.

Next year’s Tour des Trees will be held in Eastern Colorado. I hope to have your support again next year!

Sincerely,

Danny Lippi
OUR TEAM

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(352)238-0917

ERIC HOYER, CA, RCA, CF
(863)670-0734

CHARLIE MARCUS, CA
(850)570-5963

JAY VOGEL, CA
(352)238-0458

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Florida Chapter Board Updates

BOARDSHORTS:

WELCOME NEW BOARD MEMBER

The Florida Chapter board voted to approve new board member, Jeffery Van Treese II in the position as the board Attorney Representative. Thank you, Jeffery, for agreeing to participate on our board.

REMEMBER TO VOTE!

All current Florida Chapter members have been sent an email inviting them to participate in the election of the open 2020 Florida Chapter board positions. The ballot remains open until November 29, 2019. Newly elected board members begin serving their terms on January 1, 2020.

Check your emails for the subject line “Vote now: Florida Chapter ISA - 2020 Florida Chapter ISA Elections”. Don’t forget to check your spam file should you not find it in your inbox. If necessary, contact jan@floridaisa.org to re-send your unique voting code.

A few Chapter members do not have an email address on file with ISA. We will send out a paper copy to those members. Paper ballots can be marked and sent back to the Florida Chapter by November 29, 2019 via fax 941-342-0463 or through the mail to Florida ISA - 7853 S. Leewynn Court - Sarasota, FL 34240.

Remember, voting privileges are for Florida Chapter members only. If you are an International ISA member but not a Florida Chapter member, you are not eligible to vote.

FLORIDA CHAPTER ISA UF ENDOWMENT UPDATE

Florida Chapter ISA CEO, Norm Easey, recently travelled to Gainesville to present the Chapter’s annual contribution to the UF Florida ISA Arboriculture Endowment. The contribution for 2019 was $100,000. The intent of the Arboriculture Endowment is to endow a chairmanship for arboriculture at the University of Florida. The current value of the endowment is now $730,000. The endowment needs to reach $2 million before being able to endow the chair.

- Year 3 funding of Epidemiology of Lethal Bronzing – Dr. Brian Bahder
- Developing management strategies to reduce populations of Haplaxius crudus – Dr. Brian Bahder
- Comprehensive survey and species delimitation of decay fungi affecting urban trees in Florida – Dr. Jason Smith
- Direct grant for production of a “Field Guide for Detection of the Most Significant Decay Fungi on Urban Trees in Florida” (“Rot Key”) – Dr. Jason Smith.

L-R: Dr. Michael Gutter, Associate Dean for Extension, UF/IFAS
Dr. Robert Gilbert, Dean for Research, UF/IFAS
Dr. Kent Fuchs, President, University of Florida
Mr. Norm Easey, CEO, Florida Chapter ISA
Dr. Dean Kopsell, Chair, Department of Environmental Horticulture, UF/IFAS
Dr. Joel Brendemuhl, Associate Dean for the College of Agricultural and Life Sciences, UF/IFAS
Dr. Jeanna Mastrodicasa, Associate Vice President, UF/IFAS
Birch Trees Helping Humans
By Pat Hagan for the Daily Mail

A bandage made from bark could transform the treatment of wounds. The soft dressing contains tiny fibers extracted from birch trees grown in Finland which are strong enough to provide a ‘scaffold’ on to which healthy new skin cells can grow. They are also super-absorbent so can mop up moisture from a wound that might otherwise allow bacteria to grow, leading to an infection.

Called FibDex, the tree-based bandage is the first of its kind to be approved for use in the UK. Research shows just one plaster is enough to help difficult wounds heal, whereas most dressings have to be changed every few days. The wood fibers also produced less scarring and greater skin elasticity - a sign of better healing - than some conventional dressings.

The NHS spends £5 billion a year on wound care — typically wounds occur on the foot or lower leg, as a result of circulation problems arising from diabetes. Starved of the oxygen they need to heal, these ulcers can form deep, open wounds that can take years to heal. In their search for new ways to improve the healing process, scientists have turned their attention to wood — partly because it’s biocompatible, which means it does not cause the body’s immune system to react. It is also a rich source of cellulose, a fibrous material used for decades in the production of clothing, paper, plastics and even explosives — the benefit for treating wounds is its absorbency.

The FibDex bandage is made from

Birch Trees continued on page 10
Industry Shorts:

Florida’s Insurance Commissioner just announced 7.5 percent cut in the workers compensation rate beginning January 1, 2020! This represents the third consecutive year for a reduction in Florida’s workers compensation rate. Approved by the Florida Office of Insurance Regulation, this 7.5 percent cut actually exceeds the National Council on Compensation Insurance’s recommendation of a 5.4 percent rate reduction. NCCI provides Florida’s Insurance Commissioner with claim and rate analyses on behalf of the insurance companies.

In recommending its cut, NCCI cited “technology, safer workplaces, improved risk management and a long-term shift from manufacturing to service sectors.” So, you can look forward to reduced workers comp rates beginning January 1, 2020! Source: FNGLA

Birch Tree continued from page 9

nanofibrillar cellulose — tiny strands of fiber, each smaller than a human hair — extracted from silver birch trees.

Birch tree extract has been used for centuries as a remedy for wounds. It also releases a chemical, called betulin, which stimulates the growth of healthy new skin cells to repair damage. So far the bandage, developed by researchers from Helsinki University and surgeons from Helsinki Burn Centre, has been tested on burns patients who needed major skin grafts. First a large patch of the patient’s healthy skin — at least 6in (15cm) by 2in (5cm) — was removed from another part of the body and grafted on to the burned area.

This leaves a sizeable wound where the skin has been taken from — normally this is covered in a dressing that needs changing every few days.

The results of a trial earlier this year involving 24 burns victims, published in Advances in Wound Care, showed the tree-based bandage healed the removal sites in two-and-a-half weeks, roughly the same as conventional dressings. But it also resulted in less scarring, a thicker layer of new skin — typically new skin that grows on a graft site is often thin and fragile — and less ‘tightness’ in the area, a common problem with large wounds after healing.

Only one bandage was needed, compared to several of the traditional ones, as the wood-fiber dressing is able to hold much greater volumes of moisture without becoming wet itself.

Professor Ash Mosahebi, a specialist in plastic surgery at the Royal Free Hospital London, said the wood bandage sounded promising but added: ‘We need more data, especially for whether — as the manufacturer suggests — just one bandage really lasts the duration of the healing process.’

SAVE THE DATE
for
TREES FLORIDA 2020
June 15-17, 2020

Clearwater Beach
Sheraton Sand Key Resort
FLORIDA CHAPTER TREE CLIMBING CHAMPIONSHIP

March 7-8, 2020
Osceola Heritage Park
Kissimmee, FL

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: 941-342-1463
Email: jan@floridaisa.org
(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

EXHIBITORS
Join us on Saturday for a full day of exhibiting.
Click Here for Exhibitor Forms
New Climber Workshop a Big Success

Education Chair, Lori Ballard, informed the board that the inaugural workshop “Intro to Tree Climbing for Arborists” was a big success. The one-day event was held in Plant City. Twenty-five novice climbers were taught by five expert climbers with classroom and hands-on climbing opportunities with rope and saddle gear in the trees. The workshop is scheduled to be offered again in Fort Walton Beach on December 11th. Thank you to the tree-mendous instructors: Rob Calley, Colin Kelly, Nick Meyers, Apollo O’Neil, Carson Smith, and Kris Stultz as safety manager. If interested in sending one of your novice climbers to the next class, click here for more information.
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DAVIE, Fla. --- A lethal plant hopper species is slowly killing our Florida landscape of palm trees. Meanwhile, there are wood-decaying fungi causing several urban tree species to develop root and trunk rot affecting their stability.

While scientists at the University of Florida Institute of Food and Agricultural Sciences (UF/IFAS) are working on identifying and finding solutions to these conditions and invasive pests, the need for funding is constant as is the research.

The Florida Chapter of the International Society of Arboriculture (ISA) is infusing much-needed grant dollars in the amount of $320,000 over the next three years so that there is a better understanding, faster diagnoses, better treatments, and perhaps even cures for these complex illnesses depleting our urban tree canopies.

“We are proud to award this year’s grants to two UF/IFAS researchers to advance their research and programs on lethal bronzing in palm trees and wood decaying fungi,” said Norm Easey, CEO of the Florida Chapter of ISA.

Brian Bahder, assistant professor of vector entomology at Fort Lauderdale Research and Education Center at UF/IFAS is receiving $150,000 over the next three years to work on control strategies for lethal bronzing. This is in addition to a $90,000 grant already awarded by Florida Chapter of ISA to Bahder’s research which is in its third year.

Lethal bronzing is a bacterial disease (called a phytobacteria) that is transmitted by a plant hopper causing significant palm losses throughout much of Florida. Once infected, the palm leaves lead to wilting, and eventually death. There are 16 species of palm trees currently affected by the bacteria.

Grants continue on page 16
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The support I have obtained from the Florida Chapter of ISA is absolutely crucial to my research program and will go a long way towards fighting LBD in Florida and helping to save our state tree,” said Bahder.

Jason Smith, an associate professor of forest pathology and State Forest Health Extension Specialist at UF/IFAS, is the recipient of two grants, one in the amount of $100,000 for the next three years to determine what fungi destabilize trees. Smith has been awarded an additional $40,000 grant to develop a photographic guide that depicts the types of fungi that decay trees. The guide is designed for arborists who regularly assess trees in the field.

“The research we were able conduct on Ganoderma, as a result of Florida ISA’s funding, has had a profound impact on our understanding of how the fungi decays wood. It also furthered our understanding of one Ganoderma species distribution in North America,” said Smith.

ISA is a professional organization dedicated to providing continuing education for arborists, to promoting tree care research, and to serving tree care consumers around the world. The Florida Chapter of ISA shares this same dedication with additional commitment to serving the needs particular to Florida’s professional arborists and tree care consumers. Its mission is to promote the scientifically based practice of arboriculture through research, education and public awareness.

“ISA is a membership association of arborists,” said Norm Easey, Florida Chapter of ISA CEO. “Our member arborists work in a variety of fields including commercial, municipal, consulting, and utility arboriculture plus in the field of education and other fields in which professionals work with trees. ISA provides a platform for them arborists to have certification and continuing education. Florida ISA also conducts research on topics that are of interest to our members in the field of arboriculture here in Florida.”

The Florida Chapter of ISA is no stranger to UF/IFAS. It has been a strong supporter of research at UF/IFAS. It has pledged more than $1 million for research and the teaching of arboricultural sciences classes in UF/IFAS College of Agriculture and Life Sciences. The arboriculture endowment, which helps fund positions such as this, was created in 2009, Easey said.

“Through the years ISA has supported research in the areas of tree risk assessment, Ganoderma, impacts of root removal on tree stability, and tree support systems impacting the likelihood of tree failure,” added Easey.

Florida ISA also maintains an endowment at UF/IFAS that supports teaching, research and Extension programs at UF/IFAS, exclusively for the arboriculture program. In addition to making an annual $100,000 installments to the Arboriculture Endowment, Florida ISA also recently delivered $3,000 in climbing gear for the UF/IFAS CALS students researching arboriculture in the department of environmental horticulture.

Visit the UF/IFAS web site at ifas.ufl.edu and follow us on social media.
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It’s a simple fact: people need trees. But like anything worth having, the trees we live with require special care – provided by professional arborists, drawing on fact-based, replicable research. This kind of research is empowered by TREE Fund – but only with your help.

You can help us award grants that empower tree research. You can support scientific discovery. You can enable today’s tree care professionals to better anticipate tomorrow’s issues before they detrimentally impact our trees.

HELP US MAKE A DIFFERENCE NOW AND FOR YEARS TO COME.
Give today at treefund.org.
Tree Fund names Russell King as its new President and Chief Executive Officer

Naperville, IL, October 28, 2019 – Tree Research and Education Endowment Fund (TREE Fund) is pleased to welcome its new President and CEO, Russell King, who is taking the reins at the Naperville, Illinois-based nonprofit organization on October 28. King’s hire followed an extensive national search to replace J. Eric Smith, who is retiring as President and CEO after four years’ service to the organization.

King is a seasoned nonprofit executive with over 25 years’ experience in the public sector, including multiple chief executive roles. He has a Bachelor of Science degree from San Diego State University, an MBA from LaSalle University, and is a graduate of the University of Delaware’s Institute for Organization Management. He is the author of four books, a long-time contributor to numerous online and traditional print media outlets, and has an extensive community service resume, including election to the Verona (Wisconsin) Area Board of Education.

“We are truly delighted to have hired Russell to serve as our new President and CEO,” says TREE Fund Board Chair Steven D. Geist, BCMA, RCA. “He is a deeply experienced nonprofit executive, with formidable leadership, development, communications and financial skills. Russell has a proven track record of leading growth and transformation in the nonprofit sector, and the Search Committee truly admired his deep hands-on, mission-driven, servant leadership experiences throughout his career. We are confident that he will sustain and build on our recent successes under Eric’s administration, and we look forward to working together to benefit our urban and community forests and the skilled professionals who care for them.”

“Communication, collaboration, diversity, and servant leadership have been, and remain, the keys to my success with those I serve, whether staff, board members, donors, or the communities we support,” says King. “Although the depth and breadth of my experience and education may have uniquely qualified me for this role, what most defines me is the passion with which I immerse myself in a worthy cause. When I take on a mission, it becomes my driving force, my raison d’être. I now look forward to putting my abilities to work on behalf of TREE Fund.”

Florida Chapter ISA Presents

**ISA Tree Risk Assessment Qualification RENEWAL COURSE & EXAM**

1 Full day: Tuesday, May 12, 2020: 8 AM - 5 PM
UF - IFAS Fort Lauderdale Research/Education Center
3205 College Avenue (Rooms T103 & T104) - Davie, FL 33314

Earn CEUs

Florida Chapter ISA Presents

**ISA Tree Risk Assessment Qualification 3-DAY COURSE & EXAM**

3 days: Wednesday, May 13, 2020: 8 AM - 5 PM
Thursday, May 14, 2020: 8 AM - 5 PM
Friday, May 15, 2020: 8 AM - noon
UF - IFAS Fort Lauderdale Research/Education Center
3205 College Avenue (Rooms T103 & T104) - Davie, FL 33314

Earn CEUs
**TREE Fund News**

The annual Tour des Trees bike ride was held Sept. 16-20 through 440 miles of the hills of Kentucky and Tennessee and hosted by the Southern Chapter. The ride was shortened to five days this year and will be the new pattern going forward. Each Tour rider is required to raise a minimum of $3,500. The three Florida riders - Cheyanne Quigley, Danny Lippi, and Bill Veach - all exceeded that goal and raised a total of $11,916.93. The 80 riders, as of October 1, had raised a total of $385,000. Because of generous sponsors who cover the expense of the ride, all money raised by the riders goes to support the TREE Fund. Since its inception in 2002, the TREE Fund has provided $4.3 million in grants and scholarships to promote arboriculture and urban forestry. The Tour des Trees is the largest single annual fundraiser for the TREE Fund so most of that $4.3 million is a result of the Tour.

The Florida Chapter supports each Tour rider by providing $1,000 toward the $3,500 each rider must raise. At the Trees Florida Conference in June, the Chapter raised $7,421 for the TREE Fund through the Silent Auction, heads and tails “fandana” sales, the ring toss, and direct donations. Thus, the Chapter gets credit for $10,421 as its 2019 contribution to the TREE Fund.

On a personal note, I am retiring as your TREE Fund liaison at the end of 2019. I have enjoyed serving as Chapter liaison for the past six years. The Chapter will be in good hands though, as Bill Armstrong has graciously stepped forward as my TREE Fund liaison replacement starting January 1, 2020. I appreciate the generous support the Chapter has provided to the TREE Fund during my tenure and I’m sure Bill will enjoy the same level of support.

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**Happy Holidays from The Florida Chapter ISA**

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**Utility Forester Supervisor**

CNUC is currently seeking a Utility Forester Supervisor in the surrounding areas of Ocala and Orlando, FL. Individual must be a Certified Arborist, have a minimum of two years of experience in a management or leadership position, and a minimum of 5 years of experience in the utility line clearance industry.

To apply, please send a copy of your resume to hr@cnutility.com or submit an application on our website at cnutility.com/careers.
I’m not an attorney and certainly not qualified to give legal advice. However, after scores of litigated cases where I served as an expert witness, I can offer some significant take-home lessons for anyone involved with a neighbor who is a poor steward of their trees, causing you a nightmare of possible consequences as a result.

The first issue regarding trees and neighbors is always reduced to who owns the tree. At the simplest level, with one tree and two neighbors, in all cases, the land on which the trunk is wholly located is the owner of the tree. If the trunk stands partially on the land of two or more people, then things become more complicated as the tree typically belongs to all property owners in equal amounts. Ownership comes with coveted rights, rights that courts of law take very seriously.

So, what to do if your neighbor’s tree is causing you grief and worry as the limbs or roots of their tree threaten your property or your life? Self-help is the answer, and in many situations, if not most all situations, it’s the only available remedy. However, self-help comes with rules that may be legally enforced. In almost every state, the rules for self-help include but are not necessarily limited to the following components:

1. You may not remove the tree entirely.
2. You may prune roots or limbs that encroach over, under, or upon your property.
3. You cannot cause irreparable damage to your neighbor’s tree by cutting or pruning the crown or the roots.
4. You may not trespass. This includes leaning over the property line, even just a little bit, to make a pruning cut.

Trespass also includes the application of chemicals on your side of the property line that may drift or encroach onto your neighbor’s tree. Courts take a hard line on trespass. Don’t trespass.

5. In almost all states, except Hawaii, you must pay for the self-help work. You foot the bill.

So, what should you do if your neighbor’s tree is encroaching over, upon, or under your property causing damage to your home, other fixtures, possibly threatening the life or lives of people occupying the home?

1. The first step is an obvious one but crucial to the outcome of the matter especially if consternation is at play which it typically is. Communicate with your neighbor. Meet face-to-face with your neighbor and discuss your fears regarding their tree and your property. Follow up with a written communiqué sent registered mail, return receipt requested. Yes, this is a pain and it’s time-consuming, but it will pay off in the outcome of the matter. Should your neighbor happen to be reasonable (the odds are against you on this one), you may even get your neighbor to pay for some of the remedial work on the subject tree. Play nice in the sandbox. This is not the time for screaming, cursing, or disturbing the peace. Remember your mother’s admonishment: You can catch more bees with honey than with vinegar. Moms are always right.

2. Take pictures of the subject tree. Lots of pictures. When you think you have taken enough pictures, take more. Be certain to capture the property line with a profile photograph of the tree.
encroaching over, upon, or under your property. If damage has already occurred, like the lifting of a sidewalk, driveway, or pool deck, then pictures are vital to the successful outcome of the matter.

3. Keep a daily log. This does not have to be fancy, typed, or bound. Dates and occurrences must be recorded, and it’s better to have too much information than not enough. This daily log will play an integral part in the successful resolution of the matter should the matter escalate into courtroom drama. This daily log will end up being read or recorded into the record should the matter escalate into legal territory.

4. Call your insurance agent put them on notice of what is going on. Down the road, your insurance company will or has the extreme potential of playing heavily into this matter. If significant damage, personal injury, and, yes, even death come into play, your insurance company must have the necessary information to defend you, or, conversely, represent you as a plaintiff in the matter.

5. Look for a professional arborist. There are a few, but not many, arborists who have obtained the credentials to investigate the subject tree in the matter, render an opinion in a written report, and testify in court. More important than credentials, however, is experience. The short list of qualified professional arborists with the credentials to testify on your behalf is further reduced by the experience of managing situations such as the one at hand. You are going to have to do legwork. Make telephone calls. Interview potential consulting candidates. Make certain this arborist is the right fit for you.

6. As to an attorney, if this matter occurs before any property damage, personal injury, or death occurs, you can manage this matter yourself in Small Claims Court should a face-to-face meeting not resolve the matter. However, if significant damage, personal injury, or death has occurred, you are going to need an attorney. If your insurance company is managing this matter, it will have the attorney that you need.

As to the monetary damages that associate themselves with neighbor disputes, there is a basic rule: Anyone who cuts down, injures, or causes a tree irreparable damage without permission owes compensation to the owner of the tree. Compensation is a subject that stands alone and could fill a two-day seminar with information. Remember, to have the legal right to compensation for a damaged or dead tree, the owner’s property must be damaged. So, if a neighbor pruned your tree that overhangs his property and does a horrible job at it, rendering the tree a frightful mess, you have no rights for compensation unless a portion of the tree on your property was damaged or unless the pruning can be shown to have caused irreparable harm to the entire tree. Second, the tree subject to the dispute must not have the potential to create an immediate or imminent danger to you.

Most of us have one thing in common, neighbors. We have another commonality, once our rear tires cross our driveway onto our property, we seem to lose all logical perspective of dispute resolution. So remember your mom’s sage advice, you can catch more bees with honey than you can with vinegar.
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## Florida Chapter ISA - 2019 Education Schedule

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

**View Florida Chapter Seminars Online**

<table>
<thead>
<tr>
<th>Date</th>
<th>Seminar/Class</th>
<th>Location(s)</th>
<th>Open for Registration</th>
</tr>
</thead>
<tbody>
<tr>
<td>December 6, 2019</td>
<td>Arborist Safety &amp; Climbing</td>
<td>Sarasota</td>
<td>Register</td>
</tr>
<tr>
<td>December 11, 2019</td>
<td>Intro to Tree Climbing</td>
<td>Fort Walton Beach</td>
<td>Register</td>
</tr>
<tr>
<td>December 12, 2019</td>
<td>Arborist Safety &amp; Climbing</td>
<td>Fort Walton Beach</td>
<td>Register</td>
</tr>
<tr>
<td>January 7, 2020</td>
<td>Adv Arb. - Functional Tree Biology</td>
<td>Orlando</td>
<td>Register</td>
</tr>
<tr>
<td>January 9, 2020</td>
<td>Adv Arb. - Functional Tree Biology</td>
<td>Miami</td>
<td>Register</td>
</tr>
<tr>
<td>March 6, 2020</td>
<td>Outdoor Tree School</td>
<td>Kissimmee</td>
<td></td>
</tr>
<tr>
<td>May 12, 2020</td>
<td>TRAQ Renewal 1-day</td>
<td>Fort Lauderdale</td>
<td>Register</td>
</tr>
<tr>
<td>May 13-15, 2020</td>
<td>TRAQ Full course: 3-days</td>
<td>Fort Lauderdale</td>
<td>Register</td>
</tr>
</tbody>
</table>
Welcome!

New Florida Chapter Members

Here are the individuals that joined the Florida Chapter during the third quarter of 2019. 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.

Leopold Adler, Savannah GA
Jacob Begley, Titusville FL
Deena Bell, Miami FL
Austin Bell, Port Charlotte FL
David Brown, Melbourne Beach FL
Matthew Campbell, West Palm Beach FL
Louis Carricarte, Homestead FL
Franz Collier, Davie FL
Warren Cooke, Hallandale Beach FL
Sterling Copeland, Norcross GA
Paul Cox, Tomball TX
Michelle Crawford, Port Saint Lucie FL
Robert d’Ambrosio, Deerfield Beach FL
Gina Duke, Panama City FL
Brent ellis, North Lauderdale FL
Nathan Faris, Indianapolis IN
Fatemeh Fazeli, Edmonton AB
Mary Jo Frick, Doral FL
Eric Genest, Osteen FL
Daniel Gonzalez, Weston FL
Ian Hayes, Englewood FL
Timothy Hellijas, Clearwater FL
John Hickey, Sarasota FL
Cory Knapp, Bushnell FL
Phillip Knowles, Boynton Beach FL
Thomas Konar, Valrico FL
James Laroque, North Port FL
Stephanie LaRusso, Fort Lauderdale FL
Michele Laskowski, San Francisco CA
Joyce Lynch Terry, Port Saint Lucie FL
Amanda Martin, Orlando FL
Madelyn Mateo, Coral Gables FL
Kelly McPherson, Gainesville FL
Dale Meagher, Winter Springs FL
Patrick Melvin, Jacksonville FL
Lizzie Mills, Indianapolis IN
Victor Molina, Tampa FL
Tyler Mosteller, Saint Augustine FL
Vincent Mulberry, Hawthorne FL
Julia Murphy, Saint Petersburg FL
Joshua Nakash, New York NY
Lynn Olcott, Valrico FL
Tony Padgett, Brandon FL
Tom Parsons, Deland FL
Brooke Peterson, Myakka City FL
Matthew Post, Archer FL
Ililana Rentz, Jupiter FL
Ruben Rivera, Arecibo PR
Marcelino Rivera, Daytona Beach FL
Robert Robicheau, Safety Harbor FL
Dominique Robinson, West Palm Beach FL
Justin Rogers, Parkland FL
Tom Schlick, Archer FL
Brady Sellers, Fruitland Park FL
Rachel Seweryniak, Sarasota FL
Jason Sierens, Williston FL
Jose Soto, Tallahassee FL
Shane Souza, Gainesville FL
Tyler Spears, odessa FL
Joel Tufino, Lakeland FL
Mark Vignaux, Lynn Haven FL
Robert Vormbrock, Pompano Beach FL
Allison Vuyovich, Andalusia AL
Rosa Winkler, Cutler Bay FL
Daniel Yarnell, Marceline MO
Shawn Zartman, Seminole FL
Leslie Zayas Bazan, Fort Lauderdale FL

*Go to [http://www.isa-arbor.com](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 2020 Board Meeting - Dates & Locations
February 21, 2020: Orlando
April 17, 2020: Orlando
June 14, 2020: Clearwater
September 18, 2020: Orlando
November 13, 2020: 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. The ISA Certified Arborist exam is also available at Pearson Testing Centers throughout Florida.

See the ISA International website [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 2023 Certified Arborists.

The Florida Chapter would like to congratulate the following 30 Florida or Florida Chapter individuals for earning their certifications as Board Certified Master Arborist, Certified Arborist, Municipal Specialist, and Utility Specialist:

| **Board Certified Master Arborist** | Tyler Palmer, Palm Bay, FL  
| | Eric-Joel Rivera, Tampa, FL  
| | Justin R. Rogers, Parkland, FL  
| | Sherry Salcido, Crawfordville, FL  
| | Yista Urbina Tapia, Miami, FL  
| | Mason Michael Ward, Englewood, FL  
| | Ryan N Watley, Hobe Sound, FL  
| **Certified Arborist** | Stefano Alvernia, Winter Garden, FL  
| | Jeffrey Robert Barton, Mims, FL  
| | Deena Ruth Bell, Miami, FL  
| | John Andrew Coniglio, DeLand, FL  
| | Victor Calvin Cormier, Tallahassee, FL  
| | Oscar H De Leon, West Palm Beach, FL  
| | Ben Dolan, Jupiter, FL  
| | Harry Doyle, Boca Raton, FL  
| | Nicholas Fanelli, Saint Petersburg, FL  
| | Santos Gerardo Gonzalez, Miami, FL  
| | William J Gonzalez, Caguas, PR  
| | Phillip Rodney Knowles, Boynton Beach, FL  
| | Heatherann Lamberto, Fort Lauderdale, FL  
| | Ryan Lebron, Kissimmee, FL  
| | Nicole Angela Irene Long, Fruitland Park, FL  
| | Tyler W Mosteller, Saint Augustine, FL  
| | Kristofer Mueller, Pembroke Pines, FL  
| | Julia Murphy, Saint Petersburg, FL  
| | Stanley Oliver, Miami, FL  
| | Ira Padgett, Safety Harbor, FL  
| **Municipal Specialist** | Phillip Rodney Knowles, Boynton Beach, FL  
| **Utility Specialist** | John Alan Tedder, Tallahassee, FL  

Are you thinking about becoming certified?  
*Visit the International ISA website*  
To access the certification application handbook with further information.
Please PRINT or TYPE:

Contact Name _________________________________________________________________
Company __________________________________________________________________________
Address __________________________________________________________________________
City _____________________________ State ___________ Zip ______________
Phone # ___________________________ EMail Address ________________________________

Please list the names of the individuals (and tee shirt sizes) who will be representing your company (registration is for two representatives per exhibitor booth for Saturday only)
Name on badge 1 _________________________________________________________________ Tee Shirt size ______
Name on badge 2 _________________________________________________________________ Tee Shirt size ______
Lunch preference: ☐ Regular lunch ☐ Vegetarian lunch

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.
Print Name __________________________________ Signature __________________________ Date__________

Payment: ☐ Charge to Visa, MasterCard or Discover ☐ Check enclosed (payable to Florida Chapter ISA) Check # ______
Card Number __________________________________________ Exp Date ______________ CV Code ______
Name on Card __________________________________________
Card Billing Address (if different than above) __________________________________________
Card Billing City/State/Zip ________________________________

* IN-KIND EQUIPMENT, GEAR OR PRIZES *
If you plan 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 Chapter prior to shipping items: jan@floridaisa.org

Click here to view Exhibitor Rules
Click here to view Sponsor Benefits

SPONSOR FORM: Sponsorship Levels listed on next page
Florida Chapter Tree Climbing Championship
See www.floridaisa.org for full details on dates, location and due date.
Fill out and send this Sponsor Form.
Read details regarding sponsor benefit levels.

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: floridaisa@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
SPACE IS LIMITED/First-come, First-served!  
CHECK DUE DATE ON www.floridaisa.org

Name ________________________________
Company ________________________________
Address ________________________________
City ________________________________ State ___________ Zip ___________
Phone # ( _____ ) ________________________________

□ NEW: I have been a Florida TCC competitor in the past (years ____________). Applicants who have NOT been a previous TCC competitor must qualify during gear check by demonstrating safe climbing abilities. Applicants who fail to qualify will receive a full refund of registration fees.

T-Shirt size (register early so we can provide your requested size) ______

EMail Address (for contacting and to send a receipt) ________________________________

Gender:  □ Male  □ Female

Lunch preference:  □ Regular lunch  □ Vegetarian lunch

The Outdoor Tree School is being offered on Friday (the day before the climbing event) FREE OF CHARGE to all registered competitors. Space may be limited - we cannot always guarantee available space. See www.floridaisa.org for location and time.

Registration fees for non-competitors to attend class: $55-Florida Chapter Member or $65-Nonmember)

□ YES! You plan to attend the Outdoor Tree School on Friday 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 Climber 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
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 participa-
tion, 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
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)
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 Arbo-
riculture, 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 ________________________________
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.