

Illinois Trees

The Quarterly Publication of the Illinois Arborist Association



Illinois Tree Climbing Competition 2018 by Norm Hall

Professional tree climbers competed for the title of "Best Climber" in the Illinois Arborist Association Annual Tree Climbing Competition in partnership with the Forest Preserves of Cook County on Sat., Sept. 22 from 8:30 a.m. to 5 p.m. in Forest Preserve of Cook County, St. Paul Woods.

This unique event showcased the skills of 21 competitors as they skillfully maneuver in the trees. The Climber's performed five different preliminary events that start at 8:30 a.m. Each event tests a competitor's ability to quickly, professionally, and safely maneuver in a tree while performing work-related tree-care tasks. Since 1984, this tree climbing competition has been run throughout Illinois and was designed by the International Society of Arboriculture to

simulate working conditions of those arborists who work in the field. Utilizing the highest level of professional skills and safety, the events provide a competitive learning environment for those working in the industry.

The three male climbers and two female climber who score the highest during the preliminary competition will compete in the Masters' Challenge. The winners of this challenge will be named the Chapter Champions and will earn the honor of representing the Illinois Chapter at the International Tree Climbing Championships (ITCC) in Nashville, July 2019.

The scores and descriptions for the 5 Events are listed below.



Photo above - 2018 Competitors (not in order) Amy Trello, Felicia Speranske, Nic Demetulias, Bob Van Daley, Trent Commer, Beau Nagan, Tony Perez, Zac King, Brandon Dobnick, Mike Stillin, Gene Meurer, Ethan Baugh, Jeremy Dunivan, Tyler Ford, Samuel Hostert, Jose Sanchez, Patrick Kelsch, Rudy Cosio, Kevin Wallis, Phil Reth, Adam Pennington.

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Don't forget
to sign up for
the upcoming
IAA Summer
Conference.

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Illinois Arborist Association Mission Statement

*"Foster interest, establish standards, exchange professional ideas
and pursue scientific research in Arboriculture"*

Dear Illinois Arborist Association Members,

So far, 2018 has been a great year! Our Summer Conference held in July had 8 exhibitors and 82 attendees. That was a great turn out compared to past years.

Our Tree Climbing Championship took place on September 20th at the Cook County Preserves, St. Paul Woods. We had a beautiful day with 21 members competing and 35 judges and volunteers to make the day run smoothly. Beau Nagan from Cantigny and Felicia Speranske from Davey Tree Experts took 1st Place in the competition and will be representing the Illinois Chapter in the International Tree Climbing Championship in Tennessee next year!

After a recent local fatality, we are working on bringing safety awareness to non-members within the Arboricultural industry. Our goal is to let them know that our certification programs help prepare them to perform arborist tasks safely and with quality and efficiency.

Do our industry a favor and tell a non-member in the industry about the importance of being an IAA member.

Sincerely,
Eduardo Medina
IAA President



Aerial Rescue Event

The Aerial Rescue event is a timed event that tests the competitor's ability to climb to and safely lower a climber who is unable to descend without assistance. The event setup is the same for male and female competitors.

Prior to the event walk-through, the Event Head Judge provides the competitors with the event scenario. The rescue scenario explains the injuries and the details of the climber's situation.

Competitors shall perform a risk assessment, a pre-climb assessment, and an onsite casualty assessment, and should use all relevant techniques to ensure that the rescue process does not exacerbate the situation. The injured climber (dummy) should be lowered as safely, carefully, and efficiently as possible.

The competitor, as first responder, will assume control of the site, take control of all relevant safety issues, and ensure that local

emergency services are contacted.

Event Setup: The injured climber (represented by a dummy) weighing between 132-176lbs. is installed in a tree with a regulation climbing line and saddle/harness preferably no higher than 25 feet above the ground. The competitor shall enter the tree using a previously installed line, installed no closer than 15 feet from the injured worker. Competitors are provided with 5 minutes to complete the event.

2018 Scores for Aerial Rescue Event

Men's Division

Beau Nagan: 45.33

Brandon Dobnick: 44.33

Nic Demitrulias 41.33

Women's division

Felicia Speranske: 17.67

Amy Trello: 7.33



Photo above - Aerial Rescue Photo - 2017 Fall Competition Beau Nagan

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New Date!

Illinois Arborist Association

36th Annual Conference & Trade Show

December 11 & 12, 2018

Tinley Park Convention Center



Belayed Speed Climb Event



Photo above -Belayed Speed Climb Photo - 2017 Fall Competition Brandon Dobnick

The Speed Climb tests the competitor's ability to climb a predetermined route from the ground to about 60 feet up a tree with a belaying climbing system for safety. The event is timed, and the competitor who reaches and rings the final bell of the course, in the least amount of time wins. There could be more than one bell placed in the tree to determine the route: in such an event, the climber shall ring all the bells in order to complete the event.

2018 Scores for Belayed Speed Climb Event

Men's Division

Beau Nagan: 22.77

Tyler Ford: 22.80

Gene Meurer: 23.50

Women's Division

No placement

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Throwline Event

The throwline is a timed event that tests the competitor's ability to accurately place a throwline and/or climbing line in a tree at heights between 32.8 and 65.5 feet. Competitors attempt to toss a throwline or climbing line through two of eight targets. Targets can be located in a single tree, four on each side; or in multiple trees as long as there are two distinct sets of four targets. The targets are worth 9, 7, 5, and 3 points, respectively, depending on the difficulty of the throw. Each competitor is allowed unlimited throws within 6 minutes, but a competitor can score in only one target on each side of the tree. A single throw may be used to score a target on each side of the tree.

The lines may be manipulated in the tree. This includes attaching more than one throwline or climbing line together to perform manipulation techniques. A throw is considered legal and scores only when the scoring line (throwline or climbing line) is isolated within the target area, and both ends of the scoring line are "touching the ground" with no other limbs in between the two parts of the line. ("touching the ground" includes both ends of the line touching the competitor who is standing on the ground). Additional lines used for manipulation techniques shall be removed from the tree prior to the stoppage of time or the competitor will be

assessed a 1-point penalty for each additional line left in the tree.

Additional points may be earned for installing a climbing line through one target on each side of the tree. The climbing line shall be pulled through the target with both ends of the rope "touching the ground" in order to score additional points. The value of these additional points depends on the difficulty of the throw. Installing a line in a 9-point throw is worth 4 additional points. Installing a line in a 7-point throw is worth 3 additional points. A 5-point throw – 2 points and a 3-point throw – 1 point.

Competitors may also earn Time Points for efficiency. The competitor needs to score in each set of targets to be eligible for Time Points. For a breakdown of the Time Points, see Rule 5.4.6.

2018 Scores for Throwline Event

Men's Division

Jeremy Dunivan: 20

Tyler Ford: 20

Mike Stilin: 19

Women's Division

Felicia Speranske: 9



Photo above - 2018 Spring Competition Brandon Dobnick

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Work Climb Event

The Work Climb tests the competitor's ability to move about the tree using a climbing line and saddle/harness. The event setup is the same for both male and female competitors. Each competitor starts from a staging area in the tree and is required to visit five work stations throughout the tree, performing a specified task at each station.

Competitors earn objective points for successfully completing the task at each station and ringing the bell (or sounding the horn) with either a handsaw, pole pruner, or hand as indicated. At certain stations, a competitor can earn points for completing the additional tasks. Competitors can also lose points for failing to properly complete certain other tasks.

Competitors earn subjective points based on safety, control, style, poise, and creativity

at the discretion of the judges. Finally, a competitor can be penalized for unsafe or uncontrolled acts at the discretion of the Event Head Judge. A second unsafe or uncontrolled act could result in disqualification.

The time limit for this event is 5 minutes.

2018 Scores for the Work Climb Event

Men's Division

Jeremy Dunivan: 59.32

Beau Nagan: 56.67

Gene Meurer: 54.61

Women's Division

Felicia Speranske: 17.00

Amy Trello: 5.00



Photo above - 2017 Spring Competition Brandon Dobnick

Secured Footlock Event

The Secured Footlock measures the competitor's ability to perform a vertical ascent into a tree using a Prusik hitch or other approved friction hitch for fall protection and the footlock rope-climbing method on a doubled climbing line. The height is 49 feet, 2.5 inches for both the men's and women's event at the International competition. A height of 39 feet, 4.5 inches for both the men's and women's event at Chapter level if height constraints are in issue. The finishing bell shall be installed 15 inches horizontally from the competitor's line. Mechanical ascenders may not be used. This event is timed with a maximum time limit of 60 seconds, and the competitor with the fastest time wins.

A footlock record may be attempted during either of the preliminary event or during a stand-alone event. However, for a world record footlock time to stand, all the criteria for a world record attempt as outlined in Appendix 1, shall be met.

2018 Scores for Secured Footlock Event

Men's Division

Beau Nagan: 18.19
Brandon Dobnick: 20.68
Jeremy Dunivan: 25.07

Women's Division

No placement



Photo left - 2017 Fall Competition Beau Nagan

Master's Challenge Event

The preliminary numbers to advance to the Masters' Challenge

2018 Spring Competition

Men's Division

Beau Nagan: 155.00

Jeremy Dunivan: 144.99

Brandon Dobnick: 136.88

Women's Division

Felicia Speranske: 63.67

The Masters' Challenge is the championship round of the competition. The top men and top women finishers from the preliminary round advance to the Masters' Challenge to compete for the title. The Masters' Challenge is designed to judge the competitors' overall productivity and skill with a rope and saddle/harness in the tree. Competitors are judged and scored on their knowledge and their ability to demonstrate mastery of different climbing techniques, use of equipment, poise in the tree, and safe working practices.

At the Event Head Judge's signal, "Go," a competitor enters the designated work area. The competitor shall perform a visual tree

assessment, install any necessary climbing and/or belay equipment, and then enter the tree. The competitor proceeds to three work stations in the tree. In some situations, a fourth station may be added to increase the difficulty of the climb and provide additional opportunity for the judges to assess a competitor's abilities.

At each of the tree or four stations, the competitor shall ring a bell with a handsaw before continuing to the next station. One of the stations is equipped with a graduated plumb bob suspended from the limb. If a competitor puts too much weight on a limb, causing the plumb bob to drop and touch a height marker, fewer points are earned for completing the activity. Another station is equipped with wooden dowels in a bucket and a target on the ground. A competitor is tested on his/her ability to toss limbs to a designated area. A competitor can make three attempts to land a limb in a target. A maximum time to complete the event is specified in advance. The climb is timed to assess overall productivity, but the Masters' Challenge is not a speed event.

The winners of the 2018 Illinois Tree Climbing Championship are as follows:

Men's Division

1st Place: Beau Nagan - Cantigny

2nd Place: Jeremy Dunivan – Arbor Management

3rd Place: Brandon Dobnick – Vertical Services Tree Care

Women's Division

1st Place: Felicia Speranske – Davey Tree Expert Co.

See image on next page.



Photo above - 2017 Fall Competition Felcia Speranske

Illinois Tree Climbing Competition 2018

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Master's Challenge Event (cont)



Right to left: Felicia Sperankse, Jeremy Dunivan, Beau Nagan, Brandon Dobnick

Thank You!

We would like to thank the Forest Preserves of Cook County for graciously waiving all permit fees and hosting our championship.



Illinois Tree Climbing Competition 2018

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ComEd Corporate Cup Challenge

The ComEd Corporate Cup Tree Climbing Award was created to increase participation in the Illinois Tree Climbing Competition by fostering competition between companies. This award is a traveling cup that a company can proudly display in their office until the next competition. The rules of the Corporate Challenge are as follows: Companies or groups must register prior to the competition. There is a minimum of three climbers per company. The combined individual point totals for the top three company participants will be used to determine the Corporate Cup winner. Preliminary event scores will be used. No Masters' Challenge points will be included in the Corporate Cup Challenge. In the event of a tie, the first three scores of the companies involved for the belayed speed climb will determine the winner.



Spirit of the Competition Award

The Spirit of the Competition trophy is awarded annually at the Illinois Tree Climbing Championship.

It is awarded to, and held for one year by, the competitor with the most overall votes from the TCC officials at each station.

Each station's head judge consults with the other judges, scorers, timekeepers, and technicians for that station and nominates a first- and second-choice competitor who, in their opinion, by the manner in which they competed, personal character and attitude (wherever they were placed), best fulfills the following criteria:

- promotes a feeling of camaraderie among fellow competitors and volunteers;
- demonstrates a genuine interest in helping others do better;

- gives his or her best and gains from the experience; and
- enriches the event for everyone else present, by the manner in which he or she competed.

The award recipient should represent the “spirit of the competition” and uphold and promote the best traditions of the international tree climbing community.

The recipient must return the trophy in time for the following year's Illinois Tree Climbing Championship.

In the event of a tie, the ITCC head judge will have a deciding vote.



The spirit of the competition Award went to **Nic Demetrulias**.

This year we decided to recognize the highest score for a first-year climber. This year we had four first year climbers and the prize went to Ethan Baugh from Arbor Management.

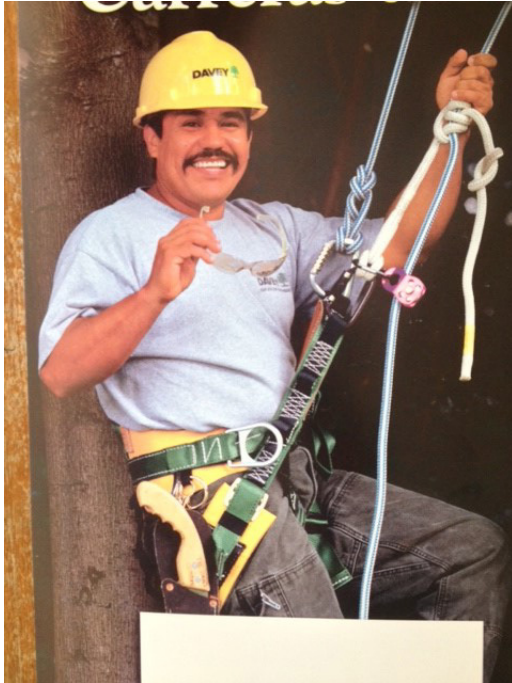
Illinois Tree Climbing Competition 2018

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Thank you to Volunteers and Sponsors

This competition would not be possible if it wasn't for all the volunteers, judges, and sponsors!

Organizers and Special Advisors



Eduardo Medina



Norm Hall



Throwline judges right to left – Eric Bustria, Alex Ploen, Jeff Kramer, Gloria Diggs

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Illinois Tree Climbing Competition 2018

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Thank you to Volunteers and Sponsors (cont.)



(Mark Younger, Chuck Hoover, Theresa Kyiazes, Dan O'Brien, Paul Nelson)



Right to Left: Manuel Ibarra, Ali, Adrian Luna, Humberto Perez, Eduardo Medina, Carlos Pantoja, Brandon Pacheco

(continued on page 17)

Thank you to Volunteers and Sponsors (cont.)



Aerial Rescue: Kneeling left to right – Betsy Meyers, Eric Celletti, Jason Diehl
Row 2: Travis Glay, Phil Prohaska, Nathan Hadley, Norm Hall, Dale Day, Nels Backstrom, Uriel Recendez

Not pictured Judges for the Work Climb Event

Todd Kramer: Head Judge
Sean Zieche: Scoring Judge
Mike Stanonik: Scoring Judge
Mike Dirksen: Scoring Judge
David Jorns: Tree Tech
Richard Nagan: Ground Tech
Daniel Miraval: Ground Tech
Bill Black: Timer

Not pictured Judges for the Masters' Challenge

Todd Kramer: Head Judge
Jason Diehl: Scoring Judge
Mike Dirksen: Scoring Judge
Mike Stanonik: Scoring Judge
Eric Celletti: Tree Tech
Norm Hall: Special Advisor
Bill Black: Timer
Betsy Meyers: Timer

Illinois Tree Climbing Competition 2018

(continued from page 17)

Thank you to Volunteers and Sponsors (cont.)

All Event sponsors: Arborwear, Davey Tree Expert Co. The Mulch Center

Work Climb Event Sponsor: Midwest Arborist Supplies

Kids Climb Sponsor: North Branch Tree Climbing

Breakfast: SavATree

Lunch: Kramer Tree Specialists, Inc.

Prizes: At Height and Tree Stuff

Competitor and Judge Shirts: Arborwear

First Place Prizes: ArborMaster



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Thank you to Volunteers and Sponsors (cont.)

2019 ArborMaster Climbing Kit Prize Package

The Illinois Arborist Association is pleased to announce the 2018 ArborMaster Climbing Kit Prize Package for the Tree Climbing Champions (TCC), held in conjunction with the chapter's 2018 Tree Climbing Championship (TCC) event.

This climbing kit is being offered to each chapter champion (both man and woman, if applicable)! This package is intended to help equip the chapter representative(s) for the International Tree Climbing Championship (ITCC) Competition.

Each prize package includes:

- Buckingham Master 5.0 Arborist Tree Climbing Saddle
- Silky Zubat Arborist Professional Hand Saw with Leg Straps
- OREGON Tool Bag
- Vermeer Logo'd 52 oz. Stainless Steel Oversized Mug
- 50% savings for an ArborMaster 2-Day or 3-Day Hands-On Training Module
- Samson ArborMaster 150' Hawkeye Climbing Line with eye splice

Sponsored by:



Background

Oak wilt is a fungal vascular disease of oak trees caused by the pathogen *Bretziella fagacearum* (formerly known as *Ceratocystis fagacearum*) (deBeer et al. 2017). Though the fungus's origins are unknown, it was first observed in Wisconsin in 1944. Since then it has spread to much of the United States. Currently, it is found in 23 states predominantly in the Northeast and the Midwest regions, though the spread is progressing in the Southeast and Southwest regions. *Bretziella fagacearum* is an obligate parasite, meaning it needs a living host to survive. After the infection kills the host tree, the fungus typically survives for one year in aboveground tissues and up to four years in belowground tissues.

Hosts

As the name suggest, oaks are the main host of this pathogen, though the difference in severity among oaks must be noted. Species of oaks that are in the red oak group are highly susceptible compared to ones that are in the white oak group. This is because members of the white oak group possess the ability to form tyloses, which are balloon-like cells that line the vascular system. These cells expand to block the vascular system and are able to compartmentalize pathogens like *B. fagacearum* from spreading throughout the tree and causing more damage. Most red oaks lack the ability to form tyloses, therefore are unable to slow or prevent spread of the infection. This results in a much quicker death, oak wilt can kill a tree in the red oak group within one year, whereas it can take up to three years for a white oak to die.

Dispersal

The fungus can disperse to new areas in two ways; the first and more common is via root grafts between trees. Roots grafts are the fusing of the roots systems which results in two oaks next to each other having a connected vascular system. This mode of dispersal is responsible for the effect of oaks dying from oak wilt in sequence; that is; one tree dies and then the next tree will die and so on down the line. Grafting can occur when trees are within fifty feet

of one another, but this is dependent upon tree species and soil type. While it is estimated that red oak and white oak grafting may occur, it is not confirmed and is generally considered to be rare (Sternberg, 2009).

The second way that oak wilt is dispersed is via sap beetles (Coleoptera: Nitidulidae). These insects are attracted to the sweet smell of fungal mats that burst from under the bark of infected red oaks in the spring. After visiting these mats, the beetles then carry spores of the fungus to fresh cuts or wounds of other oak trees. This mode, along with the movement of infected wood material, is responsible for the long-distance dispersal of the disease.

Diagnostics

Differences between red oaks and white oaks can be evident when diagnosing this disease. When a red oak starts exhibiting symptoms of oak wilt it is very characteristic. There is rapid defoliation and bronzing of the leaves beginning in June from the upper canopy downwards. Leaves that fall are completely necrotic, completely green, or anywhere in between (Fig. 1). Typically, the red oak will die in three weeks to a month. Vascular streaking can be found as well as fungal mats that may be protruding from underneath the bark of red oaks that have died and left standing.



Figure 1: Varied discolouration of leaves that are shed in fall is a symptom of oak wilt.

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Figure 3: Vascular streaking is a sign of oak wilt fungus.



Figure 2: Gradual tip dieback and defoliation of a white oak with potential oak wilt.

A white oak will exhibit some leaf loss; however, it will be much more gradual (Fig. 2). An oak in the white oak group will die from oak wilt in less than three years. Since the decline is gradual it can be mistaken for other issues such as root rot caused by fungal pathogens, two-lined chestnut borer, or drought. That is why it is very important to look for the signs of the oak wilt – which is vascular streaking (Fig. 3). The best area to look for the streaking is in the transition zone between the symptomatic, necrotic leaves and green, healthy leaves on branches with diameters larger than four inches. Finding the vascular streaking and sending the sample into the lab for confirmation is the only way to be 100% certain that an oak in the white oak group is infected with oak wilt.

Management

The best management practice with oak wilt is prevention. There are two ways one can set up barriers to prevent the disease from spreading into current stands. The first way is by trenching the roots to sever the root grafts. The second way is to use an injectable fungicide with the active ingredient propiconazole every two years. Since red oaks die so quickly, if symptoms of oak wilt are seen then the tree cannot be saved. The only way to preserve red oaks is to preventatively inject with the fungicide. For white oaks, since the rate of death is slower, once symptoms are observed then the tree may be treated curatively or after the fact. There are situations where white oaks may be candidates for preventative injections. These include sites where oak wilt is confirmed in other trees or the specimen is considered a prized tree.

Another prevention tactic is to avoid making pruning cuts between February 1st and June 30th in southern regions (you may want to modify this for northern regions). This is the active time of the sap beetle that can vector this disease. If pruning activities must be conducted during this period or if there is storm damage or a sample must be made for diagnostic purposes, it is recommended to use black paint to seal the cut to prevent attracting the beetle and possible transfer of the pathogen.

References:

- deBeer, W.Z.; Marincowitz, S.; Duong, T.A.; Wingfield, M.J. 2017. *Bretziella* a new genus to accommodate the oak wilt fungus, *Ceratocystis fagacearum* (Microascales, Ascomycota). *Mycologia* 27:1-19. [Doi.org/10.3897/mycokeys.27.20657](https://doi.org/10.3897/mycokeys.27.20657)
- Sternberg, G. 2009. Oak root grafting and disease transmission across taxonomic section boundaries. *International Oak Society Articles*. <https://www.internationaloaksociety.org/content/oak-root-grafting-and-disease-transmission-across-taxonomic-section-boundaries>

Advanced Training Tree Worker Domain by Norm Hall

The Illinois Arborist Association (IAA) offers Advanced Training courses to all its members. The IAA is one of the very few ISA Chapters to offer such training and we are proud that we have such high standards. These courses are designed to enhance your safety, knowledge, and skills for the Domain you choose to attend. This article will focus on the Tree Worker Domain, which is 1 of 4 Domains offered.

About the Tree Worker Domain

The Tree Worker Domain is geared for the “at-height arborist”, being a rope and harness climber or an aerial lift operator. With the increasing number of incidents in the Tree Care Industry, Safety is paramount in all Tree Worker courses. All Tree Worker courses follow OSHA and ANSI Z133-2017 regulations.

Ninety-five percent of the Tree Worker courses are ‘hands-on’. Only a few have classroom time. The remainder of time is spent outdoors at a site performing practical tasks. The Tree Worker courses are offered to all IAA members, from entry to advanced level. The Level 1 courses are for the entry level arborist and cover the basics of the topic. The level 2 courses are for the arborists who have experience in the topic and are looking to increase their knowledge, climbing, or rigging options. Taking the Level 1 course is a prerequisite for Level 2 courses.

NOTE: If a Commercial Company or Municipality is interested in a training course, we can customize a training course to meet your specific needs.

In 2018 the IAA reduced the training fees for these professionally instructed courses to be more competitive within the Tree Care Industry. These courses are chalked full of very valuable information to help the at-height

arborist not only work safer and smarter, but also increase “situational awareness”.

The Pruning Course

In April of 2018 the IAA offered a Pruning course at the Lake Forest Beach, in Lake Forest. Thank you to Corey Wierema and The City of Lake Forest for offering this beautiful site. The Pruning course is designed to train the attendees how to properly prune the desired plant using pole tools, loppers, hand saws and hand pruners, from the ground. There were 19 attendees for this course. We started by demonstrating a proper collar cut on Norway maple and American linden limb samples provided by Daniel Miraval. The ‘branch bark ridge’ was pointed out to use as a reference when making a collar cut, which is a proper pruning cut. Following the ANSI A300 standard, the class pruned shade trees, ornamentals, and shrubs, removing deadwood 1” diameter and greater on the shade trees, and deadwood ½” diameter and greater on the ornamentals. Crossing and interfering branches were removed to help reduce future problems. Elevation pruning was performed over roadways and walkways for vehicular clearance, and crown reduction pruning was executed for increased clearance for pedestrians and cyclists on walkways.



Image 1: The April 2018 Pruning course attendees at Beautiful Lake Forest Beach.

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The Climbing Level 1 Course

In May of 2018 the IAA offered a Climbing Level 1 course at Triangle Park in Lake Forest. Again, thank you to Corey Wierema and The City of Lake Forest for providing the site. I'd personally like to thank Don Roppolo for his professional assistance in helping instruct this course. Don is an invaluable resource and does an excellent job of instructing.

The Climbing Level 1 course is designed to train the attendees on PPE inspection, climbing gear inspection, tying six useful knots for climbing, tree risk assessment, throwline use, climbing rope installation, ascending techniques, maintaining '3-point contact' while in the tree, lanyard uses, and smooth descending. We had thirteen attendees for this course. Due to inclement weather, day 2 of the training was rescheduled for the following Wednesday. At the end of this course there is a 2-part test. Part 1 is tying the 6 knots taught earlier in Day 1. Part 2 is a climbing skills test, where each attendee body thrusts and climbs to the designated 'tie-in-point', rings a bell, descends to two other stations to ring a bell to simulate limb walking and climbing rope use.



Image 2: The May 2018 Climbing Level 1 attendees at Triangle Park in Lake Forest

The Rigging Level 1 Course

The Rigging Level 1 course was offered in June 2018 at a site provided by Lake Forest. Once again, thank you to Corey Wierema

and The City of Lake Forest for providing the site. I would like to thank Eric Celletti for his valuable assistance with this course, and Kinnucan Tree Experts for the use of their Aerial Lift truck. The Rigging Level 1 course is designed to train the attendees on rigging gear inspection, tree risk assessment, pulley/block placement, anchoring a rope friction device, Double Whip Tackle (DWT), cycles to failure for rope and hardware, the difference an increased bend ratio has on rope, using the trees structure to the advantage of the rigger, and the advantages and limitations of (1) the different rope constructions, (2) rescue pulleys and arborist blocks, (3) carabiners, screw links and screw pin shackles, (4) knots versus splices, (5) the five knots used for this course. We had eleven attendees for this course. To expedite the training, all rigging is done with the aid of the provided aerial lift truck. Using a load cell (dynamometer), we demonstrated the difference between a climbing system and a lowering (rigging) system, and how shock loading dramatically increases the forces at the block, sling, and anchor, which is an "eye opener". We set-up a Double Whip Tackle (DWT) system, to create a 2 to 1 mechanical advantage, and lifted a 100 lb. log. We also demonstrated where to place the arborist block using the trees structure to the riggers advantage; and the advantages of cutting an open face notch. Every attendee dons a full body harness to go aloft to set a block, cut an open face notch, tie off the limb being rigged and make the back cut.

There is a written and skills test at the end of Day 2. This course also had some weather challenges on Day 2. Fortunately, the attendees were willing to stay late to complete their testing. The IAA thanks those who stayed for their cooperation and willingness the stay late. I usually take a picture of the attendees at the end of Day 2, but due to the weather challenges, I didn't take a picture. My apologies to the attendees: Eric Celletti, Dale

Day, John Coughlin, Chris Johnson, David Ross, Scott Shearer, Tim Martch, Sam Cox, Landon Luzar, Scott Pini and Alek Tucker.

The Illinois Arborist Association is setting the standard on Advanced Training courses throughout the arborist industry. The Tree Worker Domain is open to all suggestions to present additional courses. If there is a strong enough interest for adding a course, the IAA will present the course to the Board for approval.

Due to the increased number of Crane accidents, we recently added a "Removing Trees with a Truck Mounted Crane" course,

which is a demonstration course only. (Thank you to Kinnucan Tree Experts for donating the use of their crane). If members show enough interest, we can possibly add a hands-on course for this topic.

To check for available courses, visit the IAA website at: illinoisarborist.org, click on "events", click on "Advanced Training for Certified Arborists in Illinois" and scroll down to the bottom of the page to view available courses. If the course you want to take isn't on the list, please email or call the IAA office to let them know your course(s) interest. Once enough arborists have registered for a topic, the process to hold that course begins.

Calendar of Events

November 7th

Arborist Certification, Municipal Specialist, and Utility Specialist Exams

Location: Homewood Landscape Building

November 15th

Arborist Certification, Municipal Specialist, and Utility Specialist Exams

Location: Mulch Center, Deerfield

November 15th

Northeast Municipal Foresters Meeting

Location: Village of Arlington Heights, Arlington Heights, IL

In 2010, the Chicago Region had a canopy cover of 15.5% and numerous challenges keeping the urban forest from flourishing. Since then, more than 150 partners collaborating on the Chicago Region Trees Initiative have been chipping away at those challenges and are soon to post ambitious goals for 2050.

The forthcoming CRTI Master Plan focuses on four overarching goals to ensure that the Region's trees are healthier, more abundant, more diverse, and more equitably distributed to provide needed benefits to all people and the wildlife that live in the Chicago region. These goals are 1) Educate People to Value Trees, 2) Increase the Chicago Region's Tree Canopy, 3) Reduce Impacts to Trees from Threats, and 4) Enhance Oak Ecosystems.

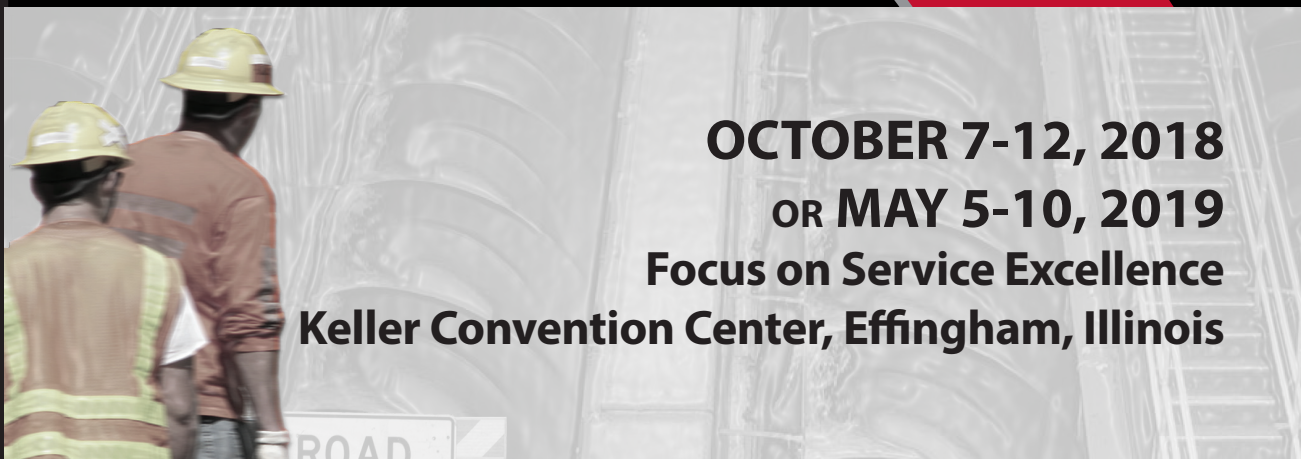
How do you fit into the 2050 goals? Are we delusional for expecting 22 million trees to be planted by 2050? Does climate change make these goals moot?

Come to the November 15 NEMF meeting to hear answers to these questions and to weigh in.

December 11th & 12th

IAA Annual Conference and Trade Show

Location: Holiday Inn Convention Center, Tinley Park, IL.



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- *APWA Illinois Chapter*

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- *Illinois Arborist Association*
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www.ilpsi.org

Get Certified!

Call the IAA Office for details on how to become certified.

Contact April, Jeannie or Monica at 877-617-8887 or

april@illinoisarborist.org
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Classes fill fast, so sign up today!

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DePaul researcher recognized with Early Career Scientist Award from ISA
Dr. Jess Vogt pursues research on urban forest sustainability

CHAMPAIGN, Ill. – Dr. Jess Vogt of Chicago, Illinois, is the recipient of the 2018 [International Society of Arboriculture’s \(ISA\)](#) Early Career Scientist Award. This Award of Distinction is given to professionals showing exceptional promise in arboriculture research.

[Click here for a video on Jess Vogt.](#)

Vogt is an assistant professor of environmental science and studies at DePaul University. She has a Ph.D. in Environmental Science with an interest in urban social-ecological systems and sustainability science with an emphasis on urban forestry.

“Dr. Vogt has accomplished a great deal early in her career, impacting not only the research and practice of arboriculture, but increasing our understanding of how arboriculture and urban forestry interfaces with other professions,” says Paul Ries, ISA Board President. “Her enthusiasm for her students, for education, and for the fields she studies is evident and admirable.”

Vogt’s research lab at DePaul, the Lab for Urban Forestry in the Anthropocene (LUFA), enables her students to study how urban forests, the people who care for them, and communities are managing challenges like climate change. “The Anthropocene is the new era that scientists say we’ve entered because of the massive impacts human activity has on the planet,” explains Vogt. “LUFA studies how urban forests can contribute to the sustainability of communities in the Anthropocene. We have a website that we use to house publications and information about projects, so I have a place to point those who are asking for more information about my research and teaching.”

Colleagues say Vogt has an impressive compilation of industry research for her less than 10 years of study. When asked what she attributes to this achievement, Vogt responds, “The short answer is hard work, a bit of luck, and great collaborators and students.” She reflects over all the influences from her work as research assistant, her many mentors, and now most recently her Assistant Professorship at DePaul where she believes her personal mission and career goals align with that of the university. “DePaul provides great support through research grants and funding for student research assistants, which provide collaboration and allows me to accomplish much more than I would on my own,” she adds.

In regards to being chosen for this year’s Early-Career Scientist Award, Vogt says, “I am surprised, happy, humbled, honored, and grateful to have been selected for this award.” She credits the support, encouragement, and collaboration of others for her being able to be as productive as she has been. “I’ve been so fortunate during my early career to have been surrounded by an extensive network of mentors, colleagues, coauthors, and students.”

- more -

(continued on page 28)

Vogt was recognized during the opening ceremony of the ISA Annual International Conference and Trade Show on Sunday, August 5 in Columbus, Ohio. “By recognizing individuals who have a positive impact on arboriculture, ISA helps provide role models and learning opportunities for all of us,” added Robert Bartlett Jr., chairman and CEO of Bartlett Tree Experts. “We applaud Dr. Jess Vogt and all of the honorees for their contributions in research, education and mentoring.”

ISA serves more than 30,000 members and credential holders worldwide, and has been honoring members and industry professionals with the Awards of Distinction since 1963. The winners are selected by the ISA Awards Committee, a diverse group of experts in arboriculture, and are approved by ISA’s Board of Directors.

ABOUT ISA

The International Society of Arboriculture (ISA), headquartered in Champaign, Ill., is a nonprofit organization supporting tree care research and education around the world. To promote the importance of arboriculture, ISA manages the consumer education web site, www.treesaregood.org, which fulfills the association’s mission to help educate the public about the importance and value of proper tree care. Also, as part of ISA’s dedication to the care and preservation of shade and ornamental trees, it offers the only internationally-recognized certification program in the industry. For more information on ISA and Certified Arborists, visit www.isa-arbor.com.

ABOUT BARTLETT TREE EXPERTS

The F.A. Bartlett Tree Expert Company was founded in 1907 by Francis A. Bartlett and is the world’s leading scientific tree and shrub care company. The organization’s current chairman, Robert A. Bartlett Jr., represents the third generation of Bartlett family management. Bartlett has locations in 27 U.S. states, Canada, Ireland, and Great Britain. Services include pruning, insect and disease management, fertilization and soil care, cabling and bracing, tree lightning protection systems, and tree and stump removal. Its corporate offices are located in Stamford, Connecticut. To find out more, visit the company’s web site at www.bartlett.com or call 1-877-BARTLETT (227-8538).

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Editor’s Note: Photos are available upon request. To arrange an interview with Dr. Jess Vogt, contact Julie Gaier at 262-786-5970 or julie@trg-marketing.com.



October 15, 2018

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Dear TREE Fund Friends:

It's a simple fact: people need trees as an essential component of their healthy, sustainable communities. But like anything worth having, the trees we live with require special care. Trees did not evolve to coexist with people, buildings, roads, and modern community infrastructure, so if they are to thrive in our urban forests, they need the best care possible, provided by professional arborists, drawing on fact-based, replicable research. That's where TREE Fund comes in – with your help.

TREE Fund has been a leading source for tree science funding since 2002, with hundreds of projects funded and countless valuable results shared across the global tree care community. As we write to you today, TREE Fund researchers are studying ways to mitigate the effects of root cut-back in the built environment, are working on techniques to enhance soil quality in vacant urban lots selected for afforestation, and are testing and documenting the integrity of trees under various rigging conditions to keep both personnel and property safe – to just cite a few examples from the two dozen research grants currently underway.

Many practices in arboriculture and urban forestry will change in the years ahead as urban environments evolve. TREE Fund remains one of few organizations that supports ongoing applied research that can help today's tree care professionals anticipate tomorrow's burning questions and issues before they detrimentally impact our trees – and the people and communities who benefit from them.

Can we count on your help as we work together to sustain our urban forests and empower the skilled professionals who care for them? You may make a contribution to support our work at treefund.org or by mailing a check to the TREE Fund address at the left. Your gift will truly make a difference, now and for years to come.

Sincerely,

J. Eric Smith
TREE Fund
President and CEO

Brian Kane, PhD
TREE Fund Researcher
Massachusetts Arborists Association Professor
University of Massachusetts, Amherst

P.S. Need some extra inspiration? Then check out the latest quarterly Research Report featuring Brian's work in the September issue of TREE Press at treefund.org/newsletter. That's what it's all about. That's why we do what we do!



IAA Annual Conference & Trade Show

December 11-12, 2018

Registration Guide



Don't miss out on CEUs
or training... eBlasts are
sent out weekly.
Contact Monica to be
added to our list.

Chaos in the Urban Forest

IAA Annual Conference and Trade Show

Holiday Inn Tinley Park Convention Center
December 11 & 12, 2018

Hotel Reservations

Attendees will enjoy a conference rate of \$119/night for a standard double room.

Rooms are limited, please make reservations prior to **November 19, 2018**.

Make reservations directly:

The Holiday Inn Select
18501 South Harlem Avenue
Tinley Park, IL 60477
Phone: 708-444-1100

Be sure to mention you're with the IAA to receive the discounted rate.

IAA 2018 is the only conference where you'll hear informed debate and focused discussion on current issues and trends facing the Illinois Urban Forest. With an opportunity to learn more from national experts and your Illinois peers, IAA is your meeting place for Illinois Urban Forestry Professionals.

Why Attend? Your profession continues to evolve at a rapid pace. Yesterday's answers may not be the best solutions to today's problems. The IAA conference is designed to provide the latest tools, resources and research findings to help you best manage the urban forest.

*** Speakers & topics subject to change.**

Network

Strategize with your peers around the state and some of the top professionals around the country.

Education

Educational tracks for Commercial, Municipal, Utility, Research, Demonstration Tree, IFA: Illinois Native Trees - Ecology and Utilization and Spanish. Additional short sessions to cover hot topics.

Equipment and Supplies

Visit over 35+ tree care suppliers and see the latest products and equipment.

2018 Annual Conference Registration

Advanced Registration MUST be postmarked by November 19, 2018.

Monday Sessions (choose at right, add'l fee)

Registration Fees: (Includes meals & a free raffle ticket)

Full Conference

Advanced Member	\$265.00
Advanced Non-Member	\$305.00
At-Door Member	\$285.00
At-Door Non-Member	\$325.00

Daily (Tues. or Wed.)

Advanced Member	\$195.00
Advanced Non-Member	\$215.00
At-Door Member	\$205.00
At-Door Non-Member	\$225.00

Full Time Student (must show ID)

Full Conference	\$ 75.00
Daily	\$ 60.00

Membership to the Illinois Arborist Association is required for the member rates. **Annual dues for the IAA are \$45 which may be paid at the time of registration to receive member rates.**

Send payments to: PO Box 860, Antioch, IL 60002,
email monica@illinoisarborist.org or
jeannie@illinoisarborist.org or fax 262-857-6677

NO REFUNDS AFTER NOVEMBER 30, 2018

Name: _____
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Current Member? YES NO

New Member Dues - add \$45 to registration to receive member rate? YES NO

Please select one type of registration:

Full Conference _____ Tuesday Only _____
Wednesday Only _____ Spanish Session _____

Monday Sessions: (Choose One)

1. Z133 Workshop & Proper Care of Equipment _____
2. Tree Inventory _____ 3. Pesticide Safety _____

Please select method of payment:

Check Enclosed: \$ _____ **PO#:** _____ \$ _____

Credit Card: VISA MasterCard

Card #: _____

Exp. Date: _____ Amount: _____

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**IAA Annual Conference & Trade Show
Monday, December 10, 2018**

Cost: \$125.00

8:00am - 4:00pm Z133 Workshop & Staying Safe with Proper Care of Equipment 8 CEUs / 8 CTSPs
Dr. John Ball & Tim Walsh

Morning Session:

The American National Standard for Arboricultural Operations – Safety Requirements, commonly referred to as the Z, is the guide for tree workers to safely navigate the numerous hazards that occur on job sites. The new edition of the Z was published last fall and there are many changes and updates from the previous 2012 edition. It is important for arborists to become familiar with these changes and have a good understanding of the Z standard. However, the Z is 74 pages of mandatory requirements and advisory recommendation on all aspects of arboriculture from job set-up and electrical hazards to pesticide use so its sometimes a little bewildering to know where to start.

This 4-hour workshop provides an interactive approach for arborists to learn the key elements of the Z and how they can be used to reduce or eliminate the hazard source associated to most of the fatal and serious nonfatal incidents in our industry. The workshop will provide demonstrations and discussion to help clarify many of the key points in the Z in a way that participants will find practical and useful for incorporating into their daily work.

These workshops will be lead by Dr. John Ball and Tim Walsh, two of the leading presenters on arborist safety, and both serve on the current Z committee as well as participated in the development of the 2017 edition. Book is included.

Afternoon Session:

A safe job is a job where all the equipment and tools are working properly. Nothing is more frustrating then dealing with break-downs. It throws off the schedule and has workers not focusing on the task at hand. Fortunately, many break-downs can be avoided with the proper care, use, and maintenance of equipment, tools and PPE. This session will cover chain saws, chippers, ropes, saddles, helmets and other tools of the trade and how we should inspect, maintain, and use them to prolong their field life.

ADVANCED TRAINING WORKSHOPS

Cost: \$75.00

Applied Use of a Tree Inventory, UF Domain - Steve Lane, Graf Tree Care - 8:00am - 2:00pm 5 CEUs

Tree Inventories are one of the most important management tools a Forester has at their disposal. But knowing the options, uses, and limitations of your inventory can be an important consideration when deciding your management strategy for your organization. Join us as we take a birds-eye view of what a tree inventory is and how it can be used in your organization, no matter what size or type. Please note, this course is meant to be a discussion of inventory concepts, and we will not be demonstrating or selling specific software here, but rather discussing the general options available to you, and how you can use these tools to make your forestry program more efficient. We will focus in using inventory data to do things like create contracts and bid specifications, save money by looking at tree data, examine the benefits of trees, and manage tree risk in your organization.

Cost: \$75.00

Pesticide Safety, PDM Domain - Zac King, Graf Tree Care - 8:00am - 2:00pm 5 CEUs / 5 CTSPs

This Advanced Training course will focus on the proper usage of pesticides in the tree industry. Specifically, we will focus on the following topics:

- | | |
|------------------------------------|---|
| - Applicator safety | - Pesticide laws and regulations |
| - General public safety | - Required licenses |
| - Application tools and techniques | - Avoiding plant phytotoxicity |
| - Pesticide labels | - Common pesticides used in the tree industry |
| - Pesticide poisoning | |

IAA Annual Conference & Trade Show
Demonstration Tree
Tuesday, December 11 - 12, 2018

The Demonstration Tree Instructors will be conducting two days of hands-on instruction in Climbing and Chainsaw Maintenance on a real tree that will be erected in the center of the exhibit hall. Take advantage of this opportunity to experience the excitement of live demonstrations.

Demonstration Tree		5 CEUs / 5 CTSPs
8:40 - 10:00am	Felling, Types of Cuts, When to Use Which Cut	
10:00 - 10:30am	Break with Exhibitors	
10:30 - 11:15am	Harnesses; Types (Work Positioning, Fall Arrest), Advantages and Limitations of Each	
11:15 - 11:45am	Work Positioning Past and Present	
11:45 - 1:00pm	Plated Lunch	
1:00 - 2:00pm	SRT / SRS Anchors	
2:00 - 2:45pm	Forces in Rigging 1	
2:45 - 3:15pm	Break with Exhibitors	
3:15 - 4:00pm	Forces in Rigging 2	

Wednesday, December 12, 2018

Demonstration Tree		5.5 CEUs / 5.5 CTSPs
8:00 - 10:00am	Chainsaw Maintenance and Sharpening; Including Bar Maintenance	
10:00 - 10:30am	Break with Exhibitors	
10:30 - 12:00pm	Rings, Slings and Pulleys; Advantages and Limitations	
12:00 - 1:00pm	Buffet Lunch	
1:00 - 3:00pm	Rigging the Tree Down	

Demonstration Tree Instructors:

Don Roppolo, Davey Tree Expert Co., Todd Kramer, Kramer Tree Specialists, Inc., Norm Hall, All Gear, Inc.


Spanish Sessions
Tuesday, December 11, 2018

Spanish Sessions - Eduardo Medina, Davey Tree Expert Co.		5 CEUs / 4.5 CTSPs
8:40 - 10:00am	Derribo, tipos de cortes, cuando usar cual corte - Felling and Cuts	
10:00 - 10:30am	Break with Exhibitors	
10:30 - 11:15am	"Accidente" antes, durante, despues - "The Accident" Before, During & After	
11:15 - 11:45am	Entrenamiento. El futuro para la industria del cuidado del Arbol - The Future for the Tree Industry	
11:45 - 1:00pm	Plated Lunch	
1:00 - 2:00pm	Alternativas para Tregar el árbol - Tree Climbing Alternatives	
2:00 - 2:45pm	Principios de Respuesta de emergencia - Principles of a Emergency Response	
2:45 - 3:15pm	Break with Exhibitors	
3:15 - 4:00pm	Fuezas en el cordage - Forces in Rigging	

**IAA Annual Conference & Trade Show
At-A-Glance Agenda
Tuesday, December 11, 2018**

General Sessions		3.5 CEUs
8:00 - 8:30am	15-Minute ISA Update, 15-Minute Presentations from Vendors	
8:30 - 9:15am	Storms over the Urban Forest. Rich Hauer, University of Wisconsin, Stevens Point	
9:15 - 10:00am	If Trees Could Scream: How Trees Respond to People. Eric North, University of Nebraska - Lincoln	
10:00 - 10:30am	Break with Exhibitors	
10:30 - 11:45am	Concepts of Risk & Liability Associated with Assessing Trees - Skip Kincaid, Hansen's Tree Service, MO	
11:45 - 1:00pm	Plated Lunch - State of the Chapter, Awards, Announce New Board Members	
Municipal Sessions		2.5 CEUs
1:00 - 2:00pm	Managing Tree Risk on a Regional Scale. Melissa Custic, The Morton Arboretum	
2:00 - 2:45pm	Building Street Tree Resiliency to a Construction Crisis: A 40-Year Case Study of Knowledge. Rich Hauer, University of Wisconsin, Stevens Point	
2:45 - 3:15pm	Break with Exhibitors	
3:15 - 4:00pm	Chainsaws & Volunteers. Nick Kuhn, Forest Preserves of Cook County	
Commercial Sessions		2.5 CEUs
1:00 - 2:00pm	Good Steps - Bad Steps: Reducing Risk for Tree Risk Assessors - Skip Kincaid, Hansen's Tree Service, MO	
2:00 - 2:45pm	Trees as Witnesses. Eric North, University of Nebraska - Lincoln	
2:45 - 3:15pm	Break with Exhibitors	
3:15 - 4:00pm	Root Wrestling Using Air Tools, Daniel Miraval, Green Extraction Technologies, LLC	
Utility Sessions		2.5 CEUs
1:00 - 2:00pm	Emerging Trends (Warming Cycles) In Utility Arboriculture. Anand Persad, Davey Institute	
2:00 - 2:45pm	Customer Service vs. Customer Communication. Wes Tregilgis, Wright Tree Svc	
2:45 - 3:15pm	Break with Exhibitors	
3:15 - 4:00pm	Tree Growth Regulators in Utility Forestry. Jim Neeser, Davey Resource Group	
TREE Fund Raffle 4:00pm - 6:00pm		
<p>Stay and enjoy the TREE Fund Raffle and Reception.</p> <p>Everyone will receive a complimentary raffle ticket with their registration. (Must be present to win.) To increase your chances of winning any of the great prizes, raffle tickets will be sold throughout the show. Bring along some extra cash as all proceeds will go to support the TREE Fund. Stay for a few beers and use this time to network with local arborists and exhibitors.</p>		
Sponsored By:		

IAA Annual Conference & Trade Show Tuesday, December 11

General Sessions		2.75 CEUs
8:00 - 8:30am	15-Minute ISA Update, 15-Minute Presentations from Vendors	
8:30 - 9:15am	<p><i>Storms Over the Urban Forest. Richard Hauer, University of WI , Stevens Point</i> Storms Over the Urban Forest: Planning, Preparing, Responding, and Recovery. Storms happen and so does preparedness, response, recovery and mitigation. The newly revised 2018 <i>Storms Over the Urban Forest</i> publication is a backdrop to learn the actions and steps that commercial, municipal and utility professionals take to prepare for a storm. Regardless if you are a utility, commercial, municipal or allied field, every person in the audience will walk away with tangible take-home lessons to learn from and apply in their work.</p>	
9:15 - 10:00am	<p><i>If Trees Could Scream. Eric North, University of Nebraska-Lincoln</i> If Trees Could Scream: How Trees Respond to People. Do trees silently scream when pruned or thank you for improving their structure and function? What happens when trees have too little or too much sunlight? From pruning to over pruning, tree injections, and site selection, explore the physiological response of trees to the actions of arborists and homeowners.</p>	
10:00 - 10:30am	Break with Exhibitors Sponsored by:  ARTHUR CLESEN INC. <small>Dedicated To Service</small>	
10:30 - 11:45am	<p><i>Concepts of Risk and Liability Associated with Assessing Trees.</i> <i>Skip Kincaid, Hansen's Tree Service, MO</i> As arborists, we all look at trees every day.... Sometimes clients pay us directly for this service, other times it's a function of a larger service we provide. Understanding risk and the liability associated with tree inspections can reduce the fear associated with this task we do nearly every day. Becoming familiar with these concepts will provide confidence for arborists to perform this basic task.</p>	
11:45 - 1:00pm	Plated Lunch - State of the Chapter, Awards Presentation, Announcement of new Board Members	

Municipal Sessions		2.5 CEUs
1:00 - 2:00pm	<p><i>Managing Tree Risk on a Regional Scale, Melissa Custic, The Morton Arboretum</i> Since 2013, more than 150 partners collaborating on the Chicago Trees Initiative have been working to build a healthier and more diverse urban forest that will provide the region improved environmental, economic, and social benefits. Among the recent resources developed by CRTI is the Tree Risk Toolkit. Come learn how this toolkit, and other CRTI resources, can help you convince your elected officials that routine tree care and tree risk assessments are vital investments for every community.</p>	

IAA Annual Conference & Trade Show Tuesday, December 11, 2018

Municipal Sessions, continued

- | | |
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| 2:00 - 2:45pm | <p><i>Building Street Tree Resiliency to a Construction Crisis. Richard Hauer, University of Wisconsin, Stevens Point.</i></p> <p>Building Street Tree Resiliency to a Construction Crisis: A 40 year Case Study of Knowledge. Successful tree preservation during construction assures the project's goals are achieved without jeopardizing the health and life-span of protected trees. In this session, you will hear a story about a cohort of trees that have been monitored for nearly 40 years by assessing tree condition and survival following construction activities versus a cohort of control trees. This story will enlighten and inform attendees on how a collaborative process by people from all disciplines involved with the construction process involving owners, decision-makers, and tree lovers.</p> |
| 2:45 - 3:15pm | Break with Exhibitors |
| 3:15 - 4:00pm | <p><i>Chainsaws and Volunteers, Nick Kuhn, Forest Preserves of Cook County</i></p> <p>This session will discuss the history and development of our training program and issues surrounding volunteers performing these personally, and ecological safety issues.</p> |


Commercial Sessions

2.5 CEUs

- | | |
|---------------|---|
| 1:00 - 2:00pm | <p><i>Good Steps - Bad Steps: Reducing Risk for Tree Risk Assessors. Skip Kincaid, Hansen's Tree Service, MO</i></p> <p>A review of recent cases involving tree risk will be presented. Tips will be provided by highlighting some of the positive steps that some of the parties took to reduce their risk, while others will be highlighted to identify steps that may have been very costly.</p> |
| 2:00 - 2:45pm | <p><i>Trees as Witnesses. Eric North, University of Nebraska-Lincoln</i></p> <p>Consulting arborists are frequently called to assess trees after claims of damage to trees by a second party. Without management records or direct evidence of the damage it can be difficult to determine what impact an action or event had on the growth of trees. Two case studies will be presented where tree-ring analysis was considered as evidence in legal disputes regarding alleged damage to trees. Core collection and interpretation as well as limitations of what tree-rings can tell us will be presented.</p> |
| 2:45 - 3:15pm | Break with Exhibitors |
| 3:15 - 4:00pm | <p><i>Root Wrestling Using Air Tools, Daniel Miraval, Green Extraction Technologies, LLC</i></p> <p>Using pneumatic soil excavation tools safely and effectively for the mitigation of stem girdling roots and soil remediation.</p> |

IAA Annual Conference & Trade Show Tuesday, December 11, 2018

Utility Sessions	2.5 CEUs
1:00 - 2:00pm	<p><i>Emerging Trends (Warming Cycles) in Utility Arboriculture.</i> <i>Anand Persad, Davey Institute</i></p> <p>Changing weather patterns and the need for more sustainable models in utility arboriculture help dictate emerging trends in our industry. This talk focuses on examples of where customized programs may address these factors and also better subscribe to 'what are we leaving behind' as our communities reflect on our work.</p>
2:00 - 2:45pm	<p><i>Customer Service vs Customer Communication.</i> <i>Wes Tregilgis, Wright Tree Svc</i></p> <p>We will be focusing on the upcoming disruptions in the utility markets and why the customer has to be at the center of what we do. Whether you're in the utility vegetation management industry or not, attending this session will provide a new way of looking at how to find the best for your customers and how to keep them.</p>
2:45 - 3:15pm	Break with Exhibitors
3:15 - 4:00pm	<p><i>Tree Growth Regulators in Utility Forestry.</i> <i>Jim Neeser, Davey Resource Group</i></p> <p>Tree growth regulators (TGRs) are an effective tool in an Integrated Vegetation Management program. They have been around in their current form for over 25 years, yet many utility companies are not utilizing this tool. One of the largest challenges is how to properly integrate TGRs into an existing utility IVM program. This presentation will discuss what TGRs are, what value they have for utility companies and how they can be integrated into an IVM program. A real world example integrating TGRs into a utility will be examined during this presentation.</p>

TREE Fund Raffle - 4:00pm - 6:00pm	Sponsored By: 
<p>Everyone will receive a complimentary raffle ticket with their registration; attendees must be present to win. To increase your chances of winning any of the great prizes, raffle tickets will be sold throughout the show. Bring along some extra cash as all proceeds will go to support the TREE Fund. Stay for a few beers and use this time to network with local arborists and exhibitors.</p>	
<p>The Tree Research and Education Endowment Fund (TREE Fund) is shaping the future of trees and the arboriculture profession. The TREE Fund provides research grants, scholarships and educational programs to advance knowledge in the field of arboriculture and urban forestry. With this knowledge, arborists and citizens will be better equipped to ensure that healthy, mature trees remain an integral part of the urban and suburban communities of our future.</p>	

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**IAA Annual Conference & Trade Show
At-A-Glance Agenda
Wednesday, December 12, 2018**

General Sessions		3.5 CEUs
8:00 - 9:00am	What is Going on with Our Trees? A Look Back at Tree Problems in 2018. Fredric Miller, Joliet Junior College	
9:00 - 10:00am	Tree Risk Tools. Jake Miesbauer, The Morton Arboretum	
10:00 - 10:30am	Break with Exhibitors	
10:30 - 11:15am	Crown Restoration of Storm Damaged Trees, Jake Miesbauer, The Morton Arboretum	
11:15 - 12:00pm	Update on Invasives. Chris Evans, U of I Extension Forester	
12:00 - 1:00pm	Buffet Lunch	

Municipal Sessions		2 CEUs
1:00 - 2:00pm	Tree Appraisal: How to Value Your Trees Using the 10th Edition Guide to Plant Appraisals. Steve Lane & Jim Semelka, Graf Tree Care	
2:00 - 3:00pm	Oak Decline: Diagnosing and Managing a Complex of Disease, Insect and Environment Factors. Chelsi Abbott, Davey Tree Institute	

Commercial Sessions		2 CEUs
1:00 - 2:00pm	Pesticide Issues. Maria Turner & Michelle Wiesbrook, Department of Crop Sciences, U of I	
2:00 - 3:00pm	Trees and Utilities ComEd and J.U.L.I.E. Understanding Protocols. David Van Wy, J.U.L.I.E. and ComEd Rep	

Utility Sessions		2 CEUs
1:00 - 2:00pm	Safety Excellence, TBD	
2:00 - 3:00pm	Herbicide Application Techniques and Specific Species Control. Mike Maine & Rick Schulte	


IFA: Illinois Native Trees - Ecology and Utilization		2 CEUs
1:00 - 2:00pm	Diversity and Ecology of Illinois Native Tree Species. Chris Evans, U of I Extension Forester	
2:00 - 3:00pm	Utilizing Native Trees in the Urban Forest. Ryan Pankau, U of I Extension Horticulture Educator	

IAA Annual Conference & Trade Show

Wednesday, December 12, 2018

General Session

3.5 CEUs

8:00 - 9:00am	<p><i>What is Going On With Our Trees?</i> Fredric Miller, Joliet Junior College</p> <p><i>A Look Back at Tree Problems in 2018.</i> This presentation will focus on abiotic and biotic agents affecting woody plants. More specifically decline and dieback of evergreens, bur oak blight, sugar maple decline, the resurgence of bagworm, and the herbicide drift and its long-term effect on tree health. Updates on new exotics such as the viburnum leaf beetle, brown marmorated stink bug, and spotted lanternfly, thousand canker disease (TCD) and walnut twig beetle, and use of parasitoids for control of EAB will be included. Pest and disease identification and diagnosis, importance, life cycles, and practical management tactics will be emphasized.</p>
9:00 - 10:00am	<p><i>Techniques & Tools for Assessing Tree Defects,</i> Jake Miesbauer, <i>The Morton Arboretum</i></p> <p>Tree risk assessments are an increasingly important part of urban tree care and management. The presence of structural defects is one of the most important factors when evaluating likelihood of tree failure. However, not all defects are readily apparent or visible. Practitioners are increasingly adapting non-destructive testing (NDT) tools and methods for assessing the structural integrity of trees. This presentation will discuss different levels of evaluation methods ranging from limited visual assessments to the latest in decay detection tools, including the pros and cons to the various assessment methods and tools.</p>
10:00 - 10:30am	<p>Break with Exhibitors Sponsored by: </p> <p><small>A Division of SPANCO ARBOR GROUP, INC.</small></p>
10:30 - 11:15am	<p><i>Update on Invasives.</i> Chris Evans, University of Illinois Extension</p> <p>Invasive plants are a serious threat to conservation in Illinois. Many of our worst invasives were intentionally introduced for varied purposes, including horticulture, erosion control, agriculture and wildlife habitat. To mitigate damage and slow spread, multiple laws and rules regulate invasive plants on state-wide basis and some municipalities also regulate plants. This presentation will discuss the impact of using invasive plants, the processes used to develop regulations, and current restrictions on plants in Illinois.</p>
11:15 - 12:00pm	<p><i>Crown Restoration.</i> Jake Miesbauer, <i>The Morton Arboretum</i></p> <p>Storm damage is a common issue faced by urban tree managers. Sometimes trees are severely damaged and need to be removed. Many more, however, receive moderate levels of damage and can be saved. When tree branches get damaged during storms they typically respond through the production of sprouting branches. Sprouts are a critical component in replacing the tree's photosynthetic capacity. As the new branches grow and develop, restoration pruning becomes an important process to help improve the structural integrity of the tree crown. This presentation will cover the process of managing trees that have been damaged in storms, from first response after the storm occurs through the crown restoration process.</p>
12:00 - 1:00pm	<p>Buffet Lunch</p>

IAA Annual Conference & Trade Show
Wednesday, December 12, 2018

Municipal Sessions		2 CEUs
1:00 - 2:00pm	<p><i>Tree Appraisal: How to Value Your Trees Using the 10th Guide to Plant Appraisal</i> Steve Lane & Jim Semelka, Graf Tree Care</p> <p>Trees have real value, and many times in a wrongful tree removal, or damaged tree case, you may need to assess that value. Join this panel of Municipal employees and forestry consultants as we review how trees are appraised, and how those methods have changed due to the recent release of a new edition of the Guide to Plant Appraisal.</p>	
2:00 - 3:00pm	<p><i>Oak Decline: Diagnosing and Managing a Complex of Disease, Insect, and Environmental Factors.</i> Chelsi Abbott, Davey Institute</p> <p>Oak decline is a complex of insects, fungi, and environmental factors that interact to bring about severe damage and eventual death of the tree. This talk will aim to cover the diagnostics of key oak problems to understand how these problems interact and attribute to oak decline. Furthermore, management practices discussed will be focused on a holistic approach using traditional and experimental methods.</p>	
Commercial Sessions		2 CEUs
1:00 - 2:00pm	<p><i>Pesticide Issues.</i> Maria Turner & Michelle Wiesbrook, Department of Crop Sciences, U of I</p> <p>Laundering pesticide contaminated clothing, work place safety and the value of PPE when working with pesticides used in arboriculture.</p>	
2:00 - 3:00pm	<p><i>Trees and Utilites, ComEd and J.U.L.I.E. Understanding Protocols,</i> David Van Wy, J.U.L.I.E. and ComEd Rep</p> <p>These talks will provide information on the One-Call Process and legislative changes in the pipeline in Springfield. A rep from ComEd will also be discussing options for working near powerlines.</p>	
Utility Sessions		2 CEUs
1:00 - 2:00pm	<p><i>Safety Excellence, TBD</i></p> <p>A review of industry best practices and safety successes, discussing safety as a value and the road to zero.</p>	
2:00 - 3:00pm	<p><i>Herbicide Application Techniques & Species Control.</i> Mike Maine & Rick Schulte</p> <p>Mike and Rick will discuss the different application methods for herbicides and how to control various species of concern.</p>	
IFA: Illinois Native Trees - Ecology and Utilization		2 CEUs
1:00 - 2:00pm	<p><i>Diversity and Ecology of Illinois Native Tree Species.</i> Chris Evans, U of I Extension Forester</p>	
2:00 - 3:00pm	<p><i>Utilizing Native Trees in the Urban Forest.</i> Ryan Pankau, U of I Extension Horticulture Educator</p>	

IAA Annual Conference and Trade Show

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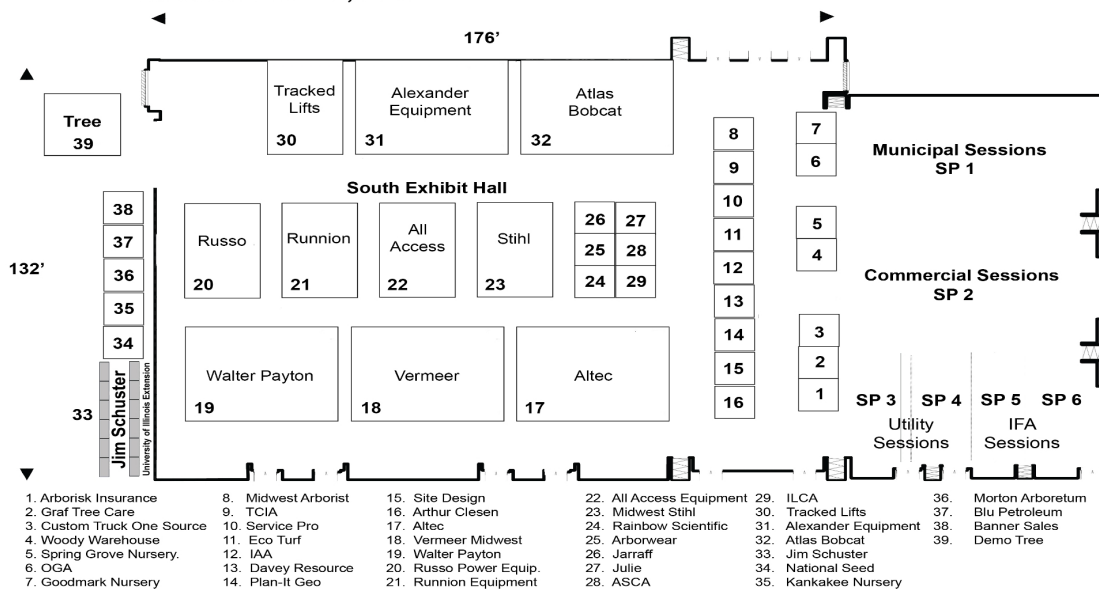


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Illinois Trees



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