

In the Shade



NEWSLETTER OF THE ISA TEXAS CHAPTER
FEBRUARY, 2020



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President's Letter



Greeting ISA Texas members, I hope everyone is having a terrific start to the New Year! It is hard to believe that we have completed another decade and I am excited to see what the next ten years of ISA Texas has in store for us.

During our yearly retreat held in College Station, the board reviewed various committee reports, updated our work plan goals, and adopted our yearly budget. At the retreat, we were able to discuss membership by speaking in length with Tip (Director of Member Services) at ISA. More specifically, we discussed ways to increase, retain, and involve our membership base. Having this discussion with ISA was a great benefit to the Board and staff. It was also interesting to see that ISA was going through some of the same challenges that ISA Texas has, so putting our heads together and having International involved made for great discussions.

We also reviewed and updated our work plan goals for this upcoming year. We did an excellent job with completing the majority of our goals for 2019 but understand that we still have a lot of work ahead of us. One of the goals this year is to strategize for future development of in-state arboriculture

research in partnership with TFS, USFS, and AgriLife Extension. The Board invited TFS Director, Tom Boggus to the retreat to discuss some opportunities and challenges that we may have with this. We will work with these entities in hopes to secure in-state arboriculture research. If you would like to look at our 2020 goals, I've included a link to the chapter page where it can be found: <https://isatexas.com/about/isat-documents/>.

Lastly, we approved the ISA Texas budget for calendar year 2020. We made some great strides last year as we had originally planned to end with a negative budget. With the hard work of both the staff and the board, we were able to pull off a positive yearly balance. This was a great accomplishment and I think it helps solidify why we decided to increase staffing. Your ISA Texas staff is hard at work and they definitely deserve a round of applause. I look forward to continuing to work with all these great folks over the remainder of the year. As always, please feel free to reach out with any suggestions, comments, or concerns you may have.

Wishing you a happy, healthy New Year,

Jason Alfaro

In the Shade

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February 2020

Vol. 43, No. 5

ON THE COVER

Your 2019-2020 ISA Texas Board of Directors and Staff

Front L-R: Curtis Hopper, Emily King, past president, Neil Mannich

2nd Row L-R: Misti Perez, Member Services Specialist, Priscilla Files, Rebecca Johnson, Editor, Rachel McGregor, Oscar Mestas, CoR Liaison, Kirsten Schneider, AJ Thibodeaux, President Elect, Gene Gehring, Education Program Manager

3rd Row, L-R: Jason Alfaro, President, John Geidraitis, Executive Director, Greg David, Treasurer, Evan Anderson, Mark Bird, Vice President, Ronny Nelson, Daniel Cottier, Certification Liaison, Gary O'Neil. Not pictured: Star Quintero



Editor's Note

Rebecca Johnson

Welcome to 2020! There's something about round numbers that just seems to signify new beginnings, even more than normally at the new year. What are your goals for this year? Maybe seeking a new ISA credential? Check out page 17 for more information on the types of ISA credentials and how you can gain them.

Or maybe your goal is fitness or charity oriented? How about both? How about riding in the [TREE Fund Tour des Trees](#)? This year they're "Rollin' the Rockies" August 29 to September 4, 2020 in beautiful Colorado with a target distance of ~300 miles over five full days of riding. TREE Fund supports the tree research and education we all rely on.

Maybe you have realized that you need to make a commitment to safety? Check out page 13 for an update on OSHA rules.

Whatever your goal this year, I'm sure trees will help you achieve them and ISA Texas will be here cheering you on.

NEW MEMBERS

Marian Alaback..... Corpus Christi, TX
 Lindsey Brammer Dallas, TX
 Martin Buenrostro Lufkin, TX
 Lori Daul..... Austin, TX
 James Gilbert..... Noblesville, IN
 Claire Greenwood Vann Arlington, TX
 Timothy Hall..... Bangs, TX
 John Hunt..... Garland, TX
 Ben Kleinig..... White Oak, TX
 Lingyu Kong..... College Station, TX
 Jonny Leonard Richardson, TX
 Zac Martin..... Austin, TX
 Josiah Miller..... Cleveland, TX
 Muhammad Neal..... Spring, TX
 Eric Petersen..... New Berlin, WI
 Jeremy Priest Arlington, TX
 Sarah Ruark..... Houston, TX
 Russell Wilson..... Dallas, TX
 Colton Wynne Cypress, TX

Financial Update

Greg David,
Treasurer

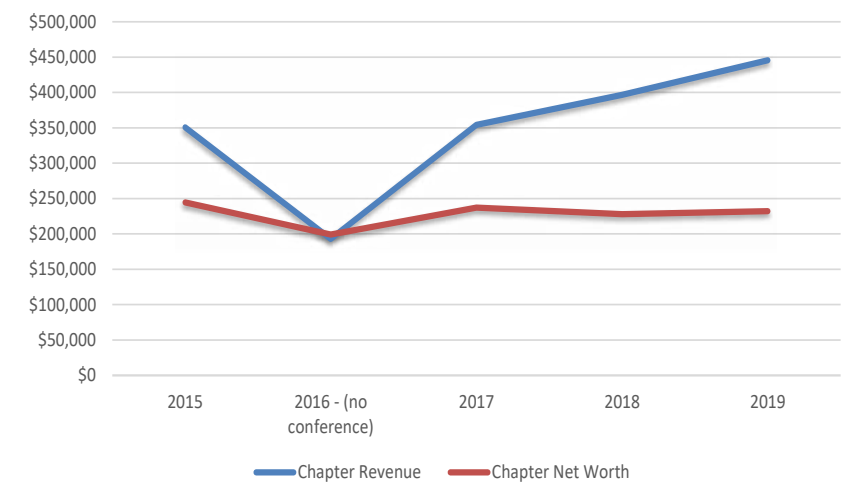
Well, "the more you work, the luckier you get", and ISA Texas sure was lucky last year! A lot of hard work from Chapter leadership, staff, and volunteers really paid-off in 2019.

Expanded efforts in workshop planning, member services, and Chapter outreach were budgeted to leave us over \$39,000 in-the-hole last year, but the Chapter ended 2019 with a \$4,000 surplus. Annual revenue climbed from \$397,000 in 2018 to a record \$445,000 in 2019.

The Chapter's balance sheet remains as solid as an old Bois d'Arc stump, with more than \$230,000 in cash and reserves. We'll likely be dipping into those reserves just a bit, this year, to buy a heavy-duty event trailer and a better outdoor PA system.

Your Texas Chapter has a lot planned for 2020, with even more workshops, more in-state research, and more outreach, so this year's budget will remain fairly tight. With diligence and a lot of hard work, though, 2020 should end up being a fairly "lucky" year for ISA Texas, once-again.

Texas Chapter - Financial Stats



To view the 2020 budget, visit <https://isatexas.com/about/isat-documents/>



Texas Chapter ONLY membership option available!

Chapter member benefits include:

Publications: In The Shade quarterly newsletter

Email Update: TreEmail sent monthly

Networking and Promotional Opportunities: Texas Tree Conference held annually

Discounts: Discounts on Texas Chapter seminars, workshops, and conferences

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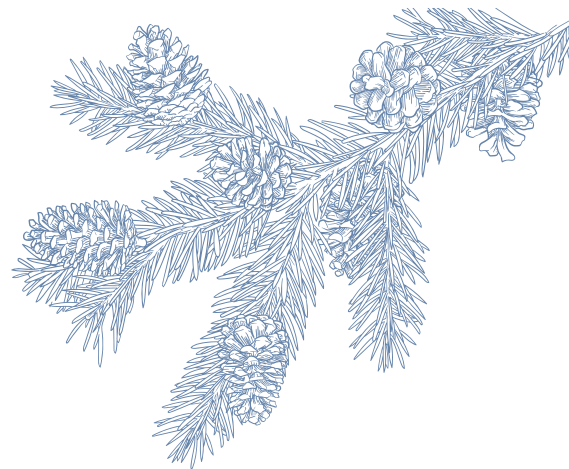
Membership in BOTH includes the above items PLUS:

Publications: Arborist News, Arboriculture & Urban Forestry, Online access to ISA Today and other ISA newsletters

Networking and Promotional Opportunities: Use of the ISA membership logo, ISA job bank, ISA member directory listing, Find-a-Tree-Care-Service tool

Discounts: Discounts on merchandise purchased from International Headquarters; discount on ISA annual conference, access to members-only online resources, discounts on certifications and re-certifications

Website: www.isatexas.com



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— Albert Einstein



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ISA Texas 2020 Upcoming Events

February 19 @ 8:00 am - 4:00 pm \$95

2020 North Central Texas Urban Forestry Conference: Healthy Trees. Healthy Lives

Cross Timbers/Trinity Blacklands Urban Forestry Councils host the 2020 NCTUFC. The theme is "Healthy Trees and Healthy Lives, with a focus on how to keep trees healthy when faced with pests, disease, changing climate, and poor soils. Speakers will include Dr. Mike Merchant, Dr. Hans Williams, Sam Hill, and a panel of municipal foresters. <https://conta.cc/30Mbjqws>

February 24 @ 8:00 am - February 26 @ 12:00 pm \$650

ISA Tree Risk Assessment Qualification (TRAQ) – College Station, Texas

Registration Deadline **Full** (Class Size is Limited to 20 per ISA)

ISA Texas is planning a TRAQ Course in May in the Austin area. The course includes Tree Biology and Mechanics, Tree Inspection and Assessment, Data Analysis and Risk Categorization, and Risk Reporting. The Tree Risk Assessment Qualification (TRAQ) Course prepares the participant to take the TRAQ assessment to become ISA Tree Risk Assessment Qualified.

February 27 @ 7:30 am - 4:30 pm \$75

Bilingual Tree Worker Workshop – Taller Bilingue del Cuidado y Seguridad de Arboles

Attend the 11th Bilingual Tree Care & Safety Workshop in San Antonio. Speakers include; keynote Skip Kincaid ('What Does it Mean to be a Professional Arborist' and 'What Legal Obligations Do We Have'), Guy LeBlanc, and Eduardo (field demonstrations) and Emily Landon from St. Mary's University will discuss 'Conflict Resolution'. <https://conta.cc/38B0bd1>

February 28 @ 8:00 am - 5:00 pm \$220

Tree Risk Assessment Qualification (TRAQ) Renewal – Waco

Registration Deadline is January 24, 2020

TRAQ holders can complete the course as early as 18

months before your expiration date. If your Tree Risk Assessment Qualification expires between February 28, 2020 and August 28, 2021, you can register. Once your current expiration date passes, you will need to retake the full course and assessment. <https://conta.cc/37KwHsr>

March 11 @ 8:00 am - March 13 @ 12:00 pm \$650
ISA Tree Risk Assessment Qualification (TRAQ) – Fair Park, Dallas

Registration Deadline **Full** (Class Size is Limited to 20 per ISA). ISAT is planning a TRAQ Course in May in the Austin area. The course includes Tree Biology and Mechanics, Tree Inspection and Assessment, Data Analysis and Risk Categorization, and Risk Reporting. The Tree Risk Assessment Qualification (TRAQ) Course prepares the participant to take the TRAQ assessment to become ISA Tree Risk Assessment Qualified. <https://conta.cc/2Rd4ipK>

March 9, 2020 at 10:00 AM - March 10, 2020 @ 3:00 \$250
From Field to Lab - A Hands-On Tree Diagnosis Workshop

What's killing my tree? Bugs? Disease? Dr. David Appel and Sheila McBride lead a hands-on tree diagnosis workshop at the Texas A&M Plant Disease Diagnostic Lab. This two-day workshop includes the fine points of field diagnosis, sample collecting and expert instruction in the lab on using diagnostic tools and techniques. <https://conta.cc/30F6l8Z>

March 26, 2020 at 8:00 am – March 27, at 5:00 pm \$250
2020 Wildfire Risk Reduction Qualification Course and Assessment - Austin

TAMU Forest Service and ISA Texas have developed this qualification to introduce you to new terms and principles. You will explore how wildfire moves through a landscape and mitigation options you can provide for your clients. The course includes classroom training as well as field exercises. <https://conta.cc/378vrQ5>

April 17 @ 5:00 pm - April 19 @ 6:00 pm \$750

2020 Texas Women's Tree Climbing Workshop

ISAT and the Women's Tree Climbing Workshop offer a fun, safe space to learn. This workshop is open to all women (18+), skills and ability levels. Climbing equipment is provided or bring your own. Taught by International Tree Climbing Championship competitors Bear LeVangie, Melissa LeVangie and Rebecca Seibel. <http://bit.ly/TXWTCW2020>

May 11-13: **Tree Risk Assessment Qualification (TRAQ) Austin**

The ISA TRAQ program provides an opportunity for professionals to expand their knowledge through education and training in the fundamentals of tree risk assessment. <http://events.constantcontact.com/register/event?llr=wcwmqybab&oeidk=a07egvic8fce241ba3b>

COMING SOON...

April: Fertilization Summit

May 14 Texas Tree Climbing Competition Workshop

May 11-13 TRAQ – Austin

May 15-16 Texas Tree Climbing Competition

May: Texas Oak Wilt Qualification

June: Texas Oak Wilt Qualification

August 9-15 ISA Annual Conference – Albuquerque, NM

September 23-25 ISAT Annual conference – Waco

Bilingual Structural Pruning Workshop for Tree Workers

In November, ISA Texas and Texas A&M AgriLife Extension hosted a bilingual workshop in Fort Worth aimed at equipping green industry specialists with proper structural pruning skills. Not only is the need acknowledged by veterans in the field, but by maxing out the event's capacity, the desire for advanced instruction is resounding. There were representatives from surrounding municipalities and commercial outfits in attendance with a wide array of experience. The workshop was intended to be applicable to field workers doing the pruning and progressing in their field without emphasizing the need for CEUs.

We started the day with classroom instruction covering tree biology, reasons for pruning and structural pruning, all presented by local arborists. During the presentations, many people had great questions for the instructors and took the opportunity to share their real-world experiences for the benefit of the group. Every question was centered on applying the information when managing and meeting the customers' expectations while keeping in line with proper arboriculture.



The outstanding questions and spurred discussions is further proof of the demand for this type of information.

After lunch provided by J.L. Matthews Company, workshop participants stepped outside for some intentional discussion about a large live oak that had not been structurally pruned. Instructors noted defects, their causes and possible remedies, all to highlight the long term concerns associated with neglecting structural pruning. A prescription was made for the structural pruning of the tree and the class was able to see the finished work at the end of the day. This before and after view sealed in some of the points during the classroom instruction about developing a pruning plan over the course of time and all the concerns involved.

During the afternoon section, folks went to a nearby part of the Resource Connection property containing two rows of live oaks with many structural defects. Students were broken into



small groups and were then able to apply the methods discussed by developing and executing a plan to correct these faults. With the smaller groups, individuals were able to provide input on their assigned trees and receive input from the group with guidance from the workshop's instructors.

Even though a lot of information was gleaned through the formal instruction, the input and experiences learned from others in the group will be just as valuable in communicating their pruning objectives with co-workers and customers in the future. The outstanding questions and spurred discussions is further proof of the demand for this type of information. As professionals, we recognize poor pruning practices in many places we go, but without the proper knowledge being presented, how can we hold them accountable without workshops like this?

Even though a lot of information was gleaned through the formal instruction, the input and experiences learned from others in the group will be just as valuable in communicating their pruning objectives with co-workers and customers in the future. The outstanding questions and spurred discussions is further proof of the demand for this type of information. As professionals, we recognize poor pruning practices in many places we go, but without the proper knowledge being presented, how can we hold them accountable without workshops like this?



Tree Terms

Gall
/gól/

Abnormal swelling of plant tissues caused by gall wasps, mites, nematodes, and various insects and less commonly by fungi or bacteria. Contrast with burl.
Spanish - agalla





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2019 ISAT Board Retreat December 11-12, 2019

College Station, Texas

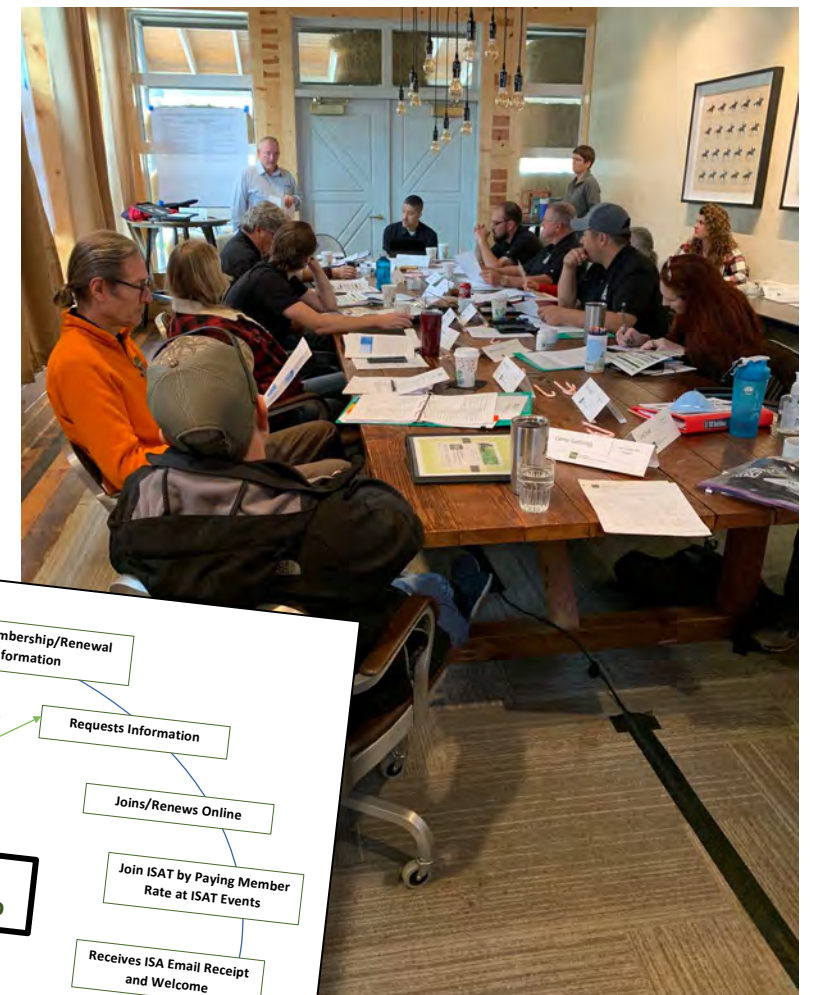
By A.J. Thibodeaux

The annual ISA Texas Board of Directors' retreat and meeting was held on December 11-12, 2019 at the unique Cavalry Court Hotel in College Station. If you have not stayed at the Cavalry Court, I encourage you to do so the next time you visit College Station. A big thank you goes out to Jason Alfaro, John Giedraitis and all involved in putting this retreat together.

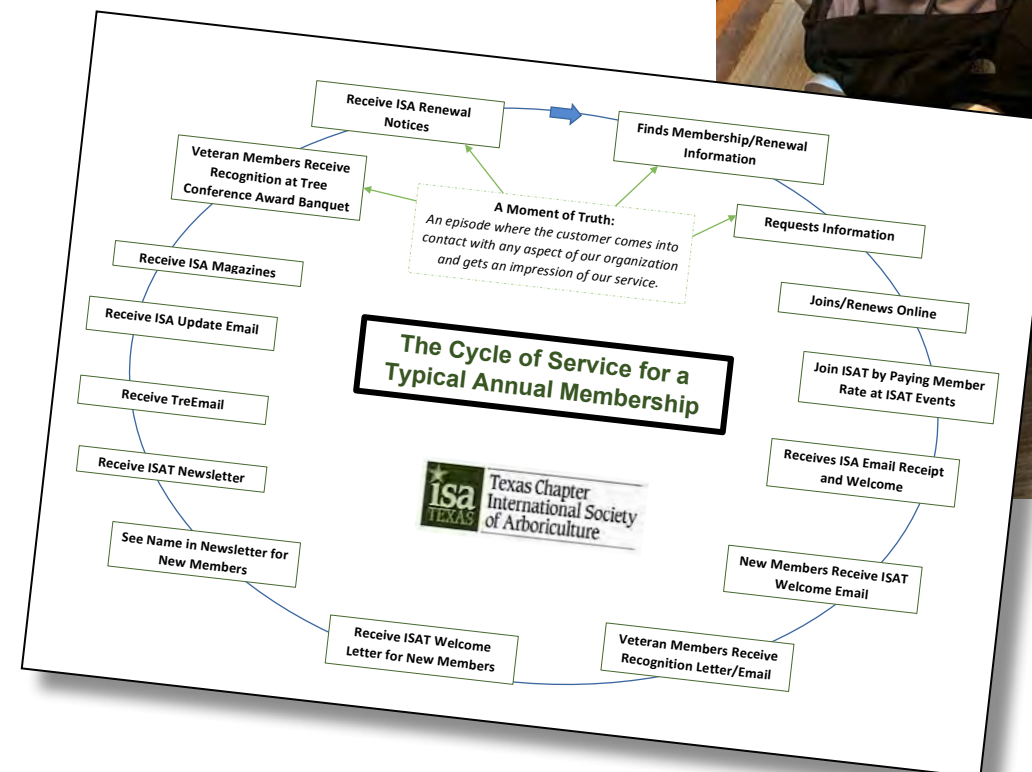
Under the direction of ISA Texas President Jason Alfaro, the board started the day off by reviewing all the 2019 work plan objectives. Updates were made on what has been completed, what work is still in process and what may no longer be relevant to the needs of the chapter. Most of the 2019 work plan objectives had been completed or work was being done towards completion. This work session was followed by a review of the strategic plan and the development and adoption of our 2020 work plan. The chapters' 2018-2021 Strategic Plan has proved to be a valuable and useful tool that will keep the board focused on meeting the needs of the membership well into the future.



Photo © Cavalry Court Hotel



Above: Texas A&M Forest Service Director and State Forester Tom Boggus addressing the ISA Texas Board of Directors.



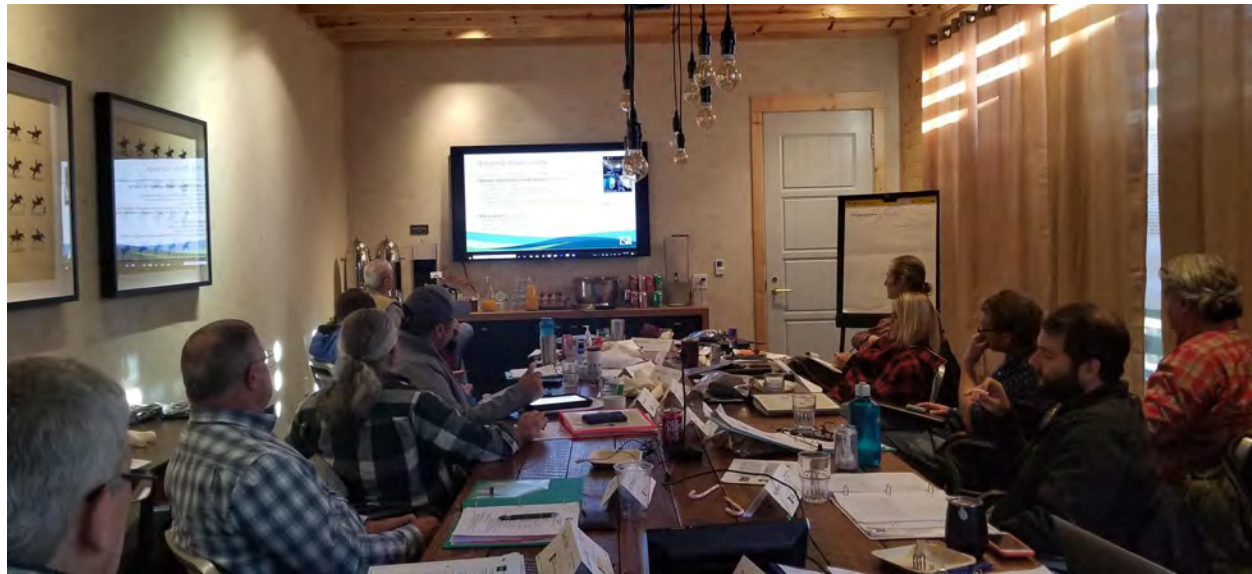
A late afternoon discussion led by guest speaker Tip Tucker, Director, ISA Member Services via video conference engaged the board member in developing a framework to retain, recruit, engage and create value for Texas Chapter members. 2020 will be a year heavily focused on member services by both ISA and ISA Texas Chapter.

A second guest speaker, Mr. Tom Boggus, Director, Texas A&M Forest Service presented the board with an update on Texas A&M Forest Service Urban & Community Forestry program accomplishments in 2019. He also provided some insight on the agencies Healthy Trees, Healthy Lives program. 2020 is off to a good start and promises to be another great and event filled year for ISA Texas. There are a lot of volunteers working very hard to make ISA Texas what you want it to be.

Stay safe this year, promote ISA Texas every chance you get and be active in your chapter.

Below: Tip Tucker, ISA Member Services Director leads a discussion about member engagement via web conferencing.

The chapters' 2018-2021 Strategic Plan has proved to be a valuable and useful tool that will keep the board focused on meeting the needs of the membership well into the future.



Avoiding OSHA Penalties and Protecting Tree Care Workers

Daniel Cottier, Operations Manager / Safety Program Manager, Preservation Tree Services and ISA Texas Certification Liaison

Although OSHA inspects less than 1% of all employers in the United States, it is still important to comply with the enforcement agency's standards. They were created with the same intent to protect workers as the ANSI Z133 Safety Requirements for Arboriculture Operations using real world accident prevention methods. As arborists, we have no problem diving into the details of equipment specifications, climbing methods and other various technical details required by the job, but can sometimes fail to see the broader scope of injury and illness prevention programs that are second nature to other industries such as construction or oil and gas.

With this in mind, there are a few OSHA updates worth reviewing as we enter the new year.

Increased Penalties for Violations

In order to maintain their deterrent effect and adjust for inflation, the minimum and maximum civil penalties for OSHA violations have been adjusted this year by a factor of 1.0176, equal to the the cost-of living adjustment multiplier for 2020. As stated in a recent OSHA memo (<http://bit.ly/2uod9vS>), the increased penalty amounts took effect on January 15 and range from:

- \$964-\$13,494 for serious violations,
- \$0-\$13,494 for other-than-serious violations,
- \$9,639-\$134,937 for willful or repeated violations,
- \$13,494 per day for failure to abate violations and
- \$0-\$13,494 for violating a posting requirement.

Establishment Posting Requirements

The best way to avoid a citation is to review the Frequently Cited OSHA Standards (<http://bit.ly/30LlnKA>) using NAICS code 561730 to find where an injury and illness prevention program may be lacking. However, one of the easiest but often overlooked standards are the posting requirements outlined in 29 CFR §1903.2. This standard simply requires employers to post notice of workers rights under the Occupational Safety and Health (OSH) Act. Workplace posters are provided for free and available in multiple languages to be displayed in a conspicuous space that will remain visible and avoid defacement as defined in §1903.2(a)(1). There are multiple ways to get copies either by ordering online (<http://bit.ly/2RydbSR>), over the phone at 1-800-321-6742 or by downloading and printing (review size requirements).

Part of OSHA's Recordkeeping regulation requires employers to maintain forms 300, 300A and 301 for up to five years. In addition, the 300A, which is a summary of work-related injuries and illnesses, must be electronically submitted to OSHA's Injury Tracking Application. Finally, to fully comply with the additional posting requirements outlined in §1904.32(a) an employer must:

- Review the OSHA 300 Log,
- Create an annual summary,
- Certify the summary and
- Post the summary.

Unless an employer had 10 or less employees during the last calendar year,



or meets any of the partial exemptions as defined in §1904.2, the annual summary must be posted in each establishment no later than February 1 and remain in place until April 30.

Emphasis on Heat-Related Health Hazards

According to the U.S. Bureau of Labor Statistics, heat exposure led to 37 work-related deaths and 2,830 nonfatal injuries in 2015. Further, 89% of those fatalities occurred between June and September with Texas having the highest number of non-fatal injuries and illnesses in the region (BLS, 2017). Having witnessed a coworker lose consciousness, an automatic OSHA recordable illness, then fall to the ground from a roof after untying due to heat exhaustion, I can personally attest to the importance of these statistics as well as the need for a written, trained and enforced fall protection plan.

Member Spotlight



Paul Cox of Environmental Design has been a Texas Chapter ISA member for twenty years. We asked Paul three questions:

- Why did you decide to join the Texas Chapter ISA? "I joined the Texas ISA chapter in order to network with other Texas based ISA professionals and to keep myself apprised of the latest trends in Texas arboricultural practices."
- What is something you love most about our industry and/or feel is very valuable? "I especially enjoy being involved in projects having to do with the saving/preservation of large historically significant trees. I believe saving these trees is important to us now as well as for future generations."

■ Share a fun fact or favorite hobby many people may not know about you. "I am an avid biker and enjoy traveling both for work and personally. I have been to 48 of the 50 United States and plan to visit the two I have not been to (Alaska, North Dakota) in the near future."

In order to address hazards specific to a certain region, enforcement strategies referred to as Regional Emphasis Programs (REPs) are implemented. Texas is included in OSHA Region 6 along with Arkansas, Louisiana, New Mexico and Oklahoma. OSHA Compliance Directive CPL 2 02-00-027A (<http://bit.ly/2RbZtNi>) renewed an REP for outdoor heat-related health hazards on October 1, 2019 and will remain in place until September 30, 2024. The purpose is to conduct heat illness inspections of work activities on days when the high temperature is forecast to be above 80° to support OSHA's Campaign to Prevent Heat Illness (<https://www.osha.gov/heat/>).

Their ongoing campaign is straightforward. Water. Rest. Shade. In what's commonly referred to as OSHA's general duty clause, section 5(a)(1) of the OSH Act, employers have a responsibility for providing workplaces free of known

safety hazards, regardless of whether or not a standard addressing that specific hazard exists, which includes extreme heat. A heat illness prevention program to address workers exposed to high temperatures should be established by the employer:

- Provide workers with water, rest and shade,
- Allow new or returning workers to gradually increase workloads and take more frequent breaks as they acclimatize, or build tolerance for working in the heat,
- Plan for emergencies and train workers on prevention and
- Monitor workers for signs of illness.

Horizontal and Vertical Standards

The standards reviewed in this article are referred to as horizontal standards or standards that apply to employers in any industry unless an exemption can be found which usually requires

documentation. A stakeholder meeting was held in Washington, DC on July 13, 2016 to gather information on best practices for preventing work-related injuries and fatalities in tree care operations and explore the possibility of developing a specific vertical standard to protect workers who prune, repair, maintain, or remove trees from hazards, fatalities, and injuries in tree care operations.

29 CFR Part 1910: Tree Care Operations

A Small Business Advocacy Review panel is planning to convene on March 12 of this year that will listen to and report on what Small Entity Representatives (SERs) have to say in terms of the potential impact a vertical standard would have on their industry. To participate in the SBER Panel as SERs and review documents, discuss details and engage on behalf of your entity visit <https://www.osha.gov/dsg/tcsbrefa/> or contact:

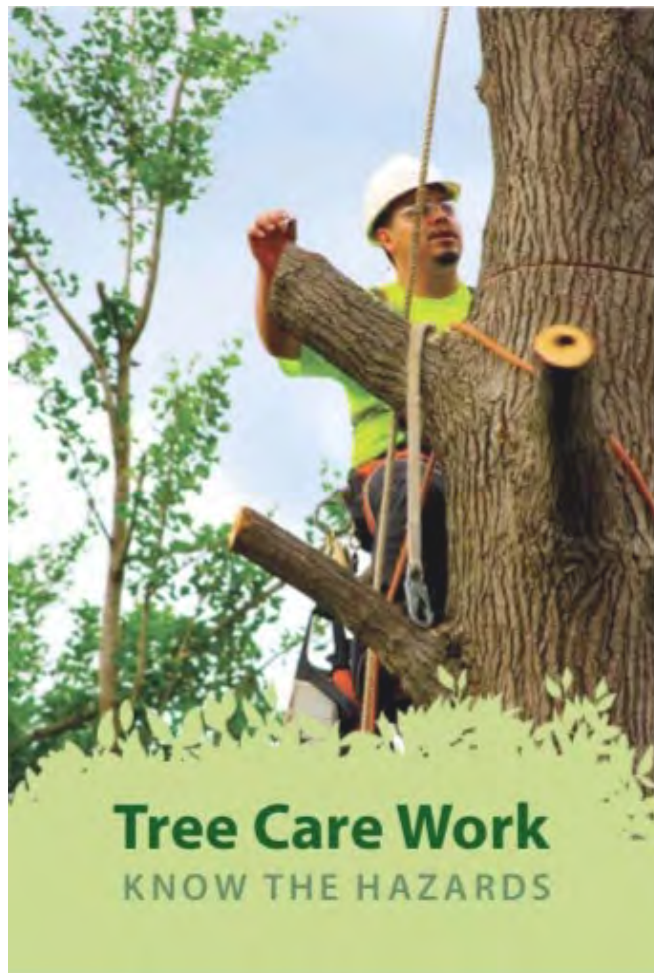
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All 50 titles of the Code of Federal Regulation can be accessed electronically for free at <https://gov.ecfr.io/cgi-bin/ECFR?page=browse>

Reference:
Bureau of Labor Statistics, U.S. Department of Labor. (2017). The Economics Daily: Work injuries in the heat in 2015. Retrieved from: <https://www.bls.gov/opub/ted/2017/work-injuries-in-the-heat-in-2015.htm>

Images courtesy of OSHA.



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Gain a New ISA Credential in 2020

This is the time of year folks make their annual goals. Did you set a goal to gain an ISA Credential, but now you're unsure where to start?

Let's start with the types of ISA Credentials. ISA has two types of credentials - **Certification** and **Qualification**. Certifications focus on a wide body of knowledge and must be maintained through completing a specified number of continuing education units (CEUs). Qualifications focus on a narrow subject and (at ISA) generally expire after 5 years, at which point you'll need to sit through a refresher course and go through the assessment process again.

The list includes:

ISA Certified Tree Worker Climber Specialist®—one and half years of climbing experience required.

ISA Certified Arborist®—three years practical tree work required, college degree may qualify.

ISA Certified Tree Worker Aerial Lift Specialist® - one and half years of practical experience in arboriculture and at least six months of experience in the operation of an aerial lift device within the overall 18 months.

ISA Municipal Specialist®—must be a CA and have a minimum of three additional years of documented and verifiable work experience in a position managing the establishment and maintenance of urban trees.

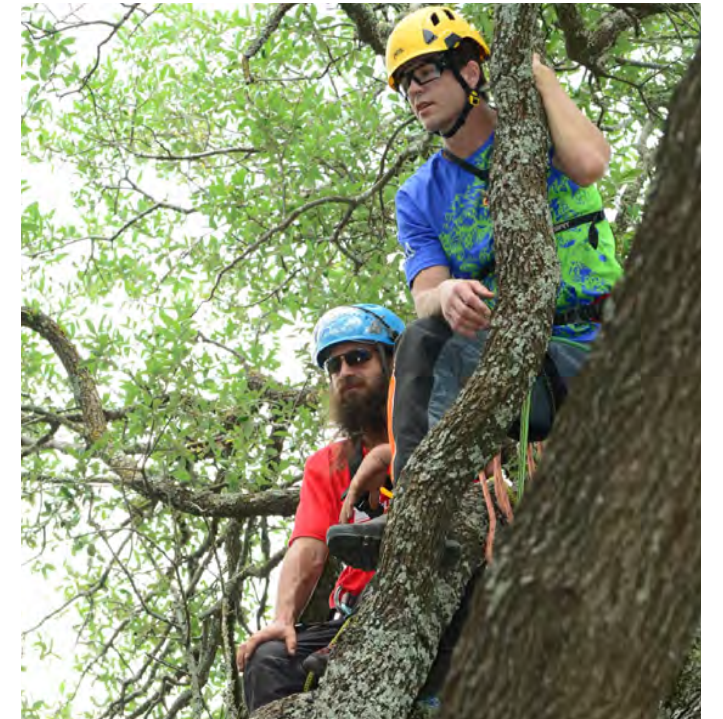
ISA Utility Specialist®—Must be a CA and have 2,000 hours verifiable work experience with utility vegetation management within the last two years.

ISA Board Certified Master Arborist®—Must be a CA in good standing and have obtained a total of eight points from four categories that include measurable experience, formal education, related credentials, or professional experience.

ISA Tree Risk Assessment Qualified®—Must either be a CA, BCMA, RCA (registered consulting arborist), Society of American Foresters Certified Forester, or have a degree in arboriculture, urban forestry, traditional forestry, or horticulture. Some state certifications apply.

ISA Texas Oak Wilt Qualified—Must be a CA.

ISA Texas Wildfire Risk Reduction Qualified—Must be a CA.



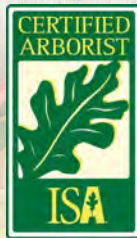
Your first step is to qualify to sit for an exam. You must create a profile at ISA-Arbor.com and then go to MyISA Apply for an ISA Certification and then select Create Application. It can take several weeks to be approved to sit for the exam, and there is no cost at the time of application, so we encourage you to apply early. Pay close attention to the requirements and make sure you supply all required documents and documentation. When you explain your work history, take care to fully describe in detail and use recognized arboricultural terms whenever possible. For instance don't say "Crew leader" and leave it at that, take the time to spell out "led a tree crew of 5 people, providing tree work such as pruning, removals, and plant health care treatments following ANSI standards." Think about this as applying for a job and needing to explain to HR folks who have never done tree work. ISA's certifications are certified by ISO, an international credentialing organization. ISO certification ensures that ISA's credentials are recognized worldwide.

While you are waiting to be approved to take the exam, spend time studying. ISA has many resources available and each exam application guide (the list can be found at <https://www.isa-arbor.com/Credentials/Which-Credential-is-Right-for-You>) has a list of recommended resources for study. Across Texas, there are several Certified Arborist exam prep courses offered, usually in partnership with the Texas A&M Forest Service, but



Upcoming ISA Texas Exams

February 24, TRAQ, College Station, TX
 February 28, TRAQ renewal, Waco, TX
 March 8, CA, M, U, CTW written exam, Selma, TX
 March 11, TRAQ, Fair Park/Dallas TX
 March 19, CTW Written and Skills, Dallas, TX
 March 20, CA, M, U written exam, Dallas, TX
 June 18, CTW Written and Skills, Dallas, TX
 June 19, CA, M, U written exam, Dallas, TX
 September 17, CTW Written and Skills, Dallas, TX
 September 18, CA, M, U written exam, Dallas, TX
 October 15, CA, M, U written exam, Selma, TX
 December 17, CTW Written and Skills, Dallas, TX



not always. Costs range from \$250-600 for the various prep courses and typically the study guide is included in the price. There are also online study groups and it is recommended that folks form a study group of their own with others, if possible.

Certification exams can either be taken in person or at a Pearson Vue center (exceptions: Climber Specialist and Aerial Lift specialist must be taken in person as there is a skills assessment and BCMA is only offered at Pearson Vue). Qualifications require that you attend the workshop and complete the assessment at the end. Daniel Cottier, ISA Texas' Certification Liaison, schedules the in-person exams and he has been very busy scheduling this year. See the next page for current classes, but look for new ones to be added throughout the year. (Oak Wilt Qualification not scheduled yet, look for it soon!)

For more information, or if you have questions regarding certifications and qualifications, feel free to contact Daniel Cottier, the certification liaison at danielc@preservationtree.com and/or Misti Perez at misti@isatexas.com. Also, check the Texas Chapter ISA calendar at isatexas.com/events for regular updates.



Tree Terms

grav-i-ta-tion-al wa-ter

/gravə-tāSH(ə)nəl/ /wôdər/



Water that drains from the larger soil macropores due to the force of gravity. Compare to available water, field capacity, permanent wilting point, and saturation point.
 Spanish - agua gravitacional

Tree Terms

ax-i-al tran-sport

/-aksēəl/ /tran-spôrt/



Movement of water, minerals or photosynthates longitudinally within a tree.
 Spanish - transporte axial



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I really see a difference in our employees who have become CTSPs. They became more involved in the creation, implementation and adherence of our safety policies and the ANSI standards. I think the program helps develop a culture of safe thinking; and that helps me sleep at night!"
 — Bill Miller, Buckley Tree Service

**ATTN MUNICIPAL/
UTILITY ARBORISTS:**
 As a professional courtesy, take advantage of TCIA member pricing for CTSP!
 Call for details.



Safety culture just got real.

ENROLL > PREPARE > ATTEND > PARTICIPATE > CERTIFY > ENGAGE!

UPCOMING 2020 WORKSHOPS		
Feb 4 - 5 East Windsor, NJ	Mar 31 - Apr 1 Westminster, MD	Jul 14 - 15 Arcadia, CA
Feb 18 - 19 Marietta, GA	Apr 7 - 8 Windsor, CT	Aug 4 - 5 Littleton, MA
Mar 24 - 25 Chicago, IL	Apr 22 - 23 Arcadia, CA	Aug 19 - 20 Vacaville, CA

Call **800.733.2622** or visit **TCIA.ORG/CTSP** to learn more about **CTSP** or to **ENROLL**.

THE NEWSLETTER OF
THE ISA TEXAS CHAPTER
2013 Oakwood Trail
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WHAT'S THE BIG IDEA?



CAN YOU IDENTIFY THIS TEXAS TREE?

If you know this tree, look for the photo on our Facebook page and correctly identify it in the comment section under the photo, using the full scientific name and one or more common names. If you don't know it, check the page for an answer in a few days. The winner gets bragging rights and the chance to submit a tree to stump fellow arborists in the next issue.

Hint: Chew on this hint for a while.

OCTOBER 2019 TREE ID



Last October's winner was Ennio Berrios owner at Berrios Tree Services in Caldwell TX who correctly identified Osage Orange, *Maclura pomifera*. He also provided this issue's challenge.