

THE TEXAS CHAPTER INTERNATIONAL SOCIETY OF ARBORICULTURE  
**43RD ANNUAL TEXAS TREE CONFERENCE**  
TREE ACADEMY, TRADE SHOW & TREE SCHOOL



**WHERE TREES COME TO TALK**  
2023 Texas Tree Conference

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SEPTEMBER 20-22, 2023  
WACO CONVENTION CENTER  
100 WASHINGTON AVE. - WACO, TEXAS 76701

# Texas Tree Academy

Wednesday, September 20, 2023

*(Pick One—The Academies are not part of the main conference and require a separate registration)*

## ***Diversity in Texas Tree Communities Academy***

***Sponsored by Bartlett Tree Experts***

**10:00 to 4:00 (5 CEUs) Brazos Room South**

**Presented by your expert team:**

**Dr. Andrew Loyd, Plant Pathologist, Bartlett Tree Experts, Azle, TX**

**Dr. Chris Riley, Entomologist, Bartlett Tree Experts, Arlington, VA**

**Dr. Mary Gardiner, Professor, Department of Entomology, Ohio State University, Columbus, OH**

**Ryan Gilpin, Consulting Arborist, Nidus Consulting, Portland, OR**

Can you see the forest for the trees? The “Urban” forest similar to the “Rural” forest is more than a collection of trees. This academy sponsored by Bartlett Tree Experts explores the diversity surrounding trees in Texas communities. Dr. Andrew Loyd presents “The Landscape Rhizosphere: Exploring the Biodiversity and Function of Plant-Associated Soil Microorganism”. Dr. Chris Riley looks at “The Connection Between Woody Plant Biodiversity and Pest Management Interventions in Residential Landscapes”. Dr. Mary M. Gardiner explains “The Benefits of Vacant Land for Conservation and Ecosystem Services”. Consulting arborist Ryan Gilpin explains why “Trees Are Wildlife Habitat and how arborists are making urban forests better habitat.”

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## ***Pathogens, Beneficials and Processes Academy***

**10:00 to 4:00 (5 ISA/TDA CEUs) Brazos Room North**

**Presented by your expert team:**

**Dr. David Appel, Professor Emeritus, Texas A&M University, College Station**

**Dr. Stephanie Adams, Forest Tree Pathologist, The Morton Arboretum, Lisle, IL**

**Laura Miller, County Extension Agent Commercial Horticulture, TAMU, Fort Worth**

**Sheila McBride, Plant Disease Diagnostic Specialist, College Station**

Join Dr. David Appel, Dr. Stephanie Adams and diagnostician Sheila McBride for a look at common tree pathogens, beneficials and their interaction in the environment. They will be joined by Laura Miller Tarrant County Horticulturist with Texas A&M AgriLife Extension presenting "Read the Label Protect Yourself". This academy aimed at the licensed pesticide applicator will provide all 5 TDA CEUs required to maintain your license while looking at TREE related "Pathogens, Beneficials and Processes". This inaugural TDA Academy aimed at the Plant Health Care Specialist hopefully will become an annual event at the Texas Tree Conference.

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## ***An overview of the newly published ISA Utility Specialist Certification Study Guide – presented by its two authors***

**Geoff Kempter, Technical Services Manager, Asplundh, Grand Rapids, Michigan  
and Randall Miller, Director of Research and Development, CNUC, Des Moines, Iowa**

**10:00 to 3:00 Texas Room 118**

This workshop provides an overview of Utility Arboriculture, The Utility Specialist Certification Study Guide (written by Kempter and Miller). Questions and discussion will be encouraged. Topics include: Safety, Program Management, Pruning, Integrated Vegetation Management, Electrical Knowledge, Storm Preparation and Response, Communications.

Register online @ [www.ISATexas.com](http://www.ISATexas.com)

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# **You Are Invited!**

## **Wednesday Evening Arborist Social**

### **September 20 from 6-8 PM**

**Hang out at the Suspension  
Bridge in Indian Springs  
Park (Across from  
Convention Center) with  
an evening of free food and  
drink. Visit with friends  
and make new ones.**



# **FREE! For Everyone**

## **Registered for the**

### **Conference**

**Wear your nametag or if you in late come over!**

**6:00 PM to 8:00 PM**  
**Indian Springs Park**  
**101 N University Parks Dr. Waco, Texas**

# Thursday, September 21

## Texas Tree Conference

### General Session 8:00 am - 11:45 am McLennan Rooms 208 - 209

8:00 - 8:30

**Welcome/30 years of Credentialing**, *Rebecca Johnson, President ISAT, Caitlyn Pollihan, ISA CEO& ED*

8:30 - 9:25

**Growing the Next Generation of Conservation Stewards**  
*Dana Coelho, Urban & Community Forestry Manager, USDA Forest Service, Lakewood, CO*

9:25 - 10:20

**Motivations, Barriers and Opportunities for Increasing Credentialed Tree Workers**

*Dr. Beau Brodbeck, Extension Specialist in Community Forestry & Arboriculture, Auburn University, Fairhope, AL*

10:20 - 10:50 **Break with Exhibitors**

10:50 - 11:45

**Swag, Sway and Satellites: Engineering an improved relationship between the built and natural environments**  
*Lawrence J. Kahn, Distinguished Research Fellow, and Jacob Roschmann, J.D. Tulane University, New Orleans, LA*

### Commercial Track | McLennan 208 -209

1:30 - 2:15 pm

**Winter and Summer Fruit Tree Pruning**

*Susan Poizner, Urban Orchardist Author, Toronto, Canada*

2:15 - 3:00 pm

**Trees and Drought: understanding water in soil and plants, and managing irrigation in mature landscape trees**

*Dr. Igor Lacan, University of California Cooperative Extension Advisor, San Francisco Bay Area, Half Moon Bay, CA*

3:00 - 3:30 pm

**Break with Exhibitors**

3:30 - 4:15 pm

**Identification and Treatment of Palm Nutrient Deficiencies**

*Dr. Mica McMillan, Assistant Professor of Palm Horticulture, Fort Lauderdale Research and Education Center, Davie, FL*

4:15 - 5:00 pm

**Self Care: The Foundation of Safety**

*Carolina Paredes, Owner, Beast Coast Tree Climbers LLC, Zirconia, NC*

### Urban Forestry Track | McLennan 207

1:30 - 2:15 pm

**Climate Resilient Urban Landscapes for a 21st Century Texas**

*Dr. David Creech, Director Stephen F. Austin University Gardens, Nacogdoches*

2:15 - 3:00 pm

**Tired of Going in Circles? Tips for dealing with circling roots at planting**

*Riley Johnson, Research Technician, Department of Horticulture, Michigan State University, East Lansing, MI*

3:00 -3:30 p.m.

**Break with Exhibitors**

3:30 - 4:15 pm

**Quantifying the Effectiveness of Urban Wildland Interface Firewise Strategies**

*Dr. Morris Johnson, US Forest Service, Pacific Wildland Fire Sciences Laboratory, Seattle, WA*

4:15 - 5:00 pm

**Physiological Responses of Japanese Magnolia to flooding, elevated CO<sub>2</sub> level, and light intensity** *Brittany Benjamin, Supervisory Forester, USDA Forest Service, Forest Inventory Analysis, Baton Rouge, LA*

### Utility Track | Ranger Room 108

1:30 - 2:15 pm

**Utility VM Incident Prevention**

*Randall Miller, Director of Research and Development, CNUC, Des Moines, Iowa*

2:15 - 3:00 pm

**A UVM Manager's Guide to Tree Growth Regulator Programs**

*Phil Swart, Director of Business Development, Growth Solutions, Edmond, OK*

3:00 - 3:30 pm

**Break with Exhibitors**

3:30—4:15 pm

**How Becoming a Certified Arborist is important**

*Wallace Carranza, Manager, Trees-LLC, Houston*

4:15 - 5:00 pm

**Increased incidence of wildfire and why we should be concerned**

*Geoff Kempter, Technical Services Manager, Asplundh, Grand Rapids, MI*

### Spanish Language Track | Lone Star 103

1:30 - 2:15 pm

**El Soporte de Los Árboles**

*Eduardo Medina, Climbing Instructor, Davey Tree Expert Co., Chicago, IL*

2:15 - 3:00 pm

**La Identificación y el Manejo del**

**Marchitamiento del Encino en Texas**

*Mark Duff, Principal, Mark Duff Consulting, Hollywood Park*

3:00 - 3:30 pm

**Break with Exhibitors**

3:30—4:15 pm

**Diagnóstico de Arbolado en la Ciudad**

*Mónica Martínez Hurtado, Director, co-owner / Directora General, Dendroma.com, Mexico City, Mexico*

4:15 - 5:00 pm

**Sanidad Forestal en Texas: problemas emergentes**

*Dr. Demian Gomez, Regional Forest Health Coordinator, Texas A&M Forest Service, Austin*

# Friday, September 22

## Texas Tree Conference



Texas Chapter  
International Society  
of Arboriculture

### General Session - 8:00 am - 9:00 am | McLennan Room 208-209

ISAT Business Meeting

Commercial Track   McLennan 208-209	Urban Forestry Track   McLennan 207	Utility Track   Ranger room 108
<p>9:00 - 10:00 am <b>Field Diagnostics for Tree Climbers</b> <i>Dr. Stephanie Adams, Forest Tree Pathologist, The Morton Arboretum, Lisle, IL</i></p> <p>10:00 - 10:30 am <b>Break with Exhibitors</b></p> <p>10:30 - 11:15 am <b>Cultural Management Practices of Palms</b> <i>Dr. Mica McMillan, Assistant Professor of Palm Horticulture, Fort Lauderdale Research &amp; Education Center, Davie, FL</i></p> <p>11:15 am - 12:00 pm <b>Lone Worker Safety: Aggressive Homeowners - Training for a Mindset of De-escalation</b> <i>Liz Westberg, Training Manager, Growth Solutions, Edina, MN</i></p>	<p>9:00 - 10:00 am <b>Non-Profit Lightning Round</b> <i>Natalie Jones Roberts, Trees for Houston, Jaci Randel, Bexar Branches, Priscilla Files, Galveston Tree Conservancy, Rachel McGregor, Texas Trees Foundation</i></p> <p>10:00 - 10:30 am <b>Break with Exhibitors</b></p> <p>10:30 - 11:15 am <b>Grant Opportunities to Bolster Urban and Community Forestry</b> <i>Mac Martin, U&amp;CF Program Leader, Texas A&amp;M Forest Service, College Station</i></p> <p>11:15 am—12:00 pm <b>Developing, writing and revising successful grant proposals</b> <i>Dr. Mary M. Gardiner, Professor, Department of Entomology, Ohio State University, Columbus, OH</i></p>	<p>9:00 - 10:00 am <b>A Sample of Ongoing Law and Research at Tulane UVMI</b> <i>Riley McKay, Emily Hager, Corin Nguyen-Toups, Payten Parfait, Lawrence J. Kahn Moderator, Tulane University, LA</i></p> <p>10:00 - 10:30 am <b>Break with Exhibitors</b></p> <p>10:30 - 11:15 am <b>The Power of Pruning: Implementing a Successful Vegetation Management Program</b> <i>Ryan Krause, Supervisor, Vegetation Management, PEC, Buda</i></p> <p>11:15 am - 12:00 pm <b>Generational Safety. Leaving a legacy worth remembering</b> <i>Shawn Huff, Supervisor of Vegetation Management, OGE, Oklahoma City, OK</i></p>

### Spanish Language Track | Lone Star 103

9:00 - 10:00 am  
**El Cuidado Personal: La Base de la Seguridad**  
*Carolina Paredes, Owner, Beast Coast Tree Climbers LLC, Zirconia, NC*

10:00 - 10:30 am  
**Break with Exhibitors**

10:30 - 11:15 am  
**Conservacion de arboles durante la construccion: mejores practicas de gestion y tecnicas para reducir la compactacion del suelo**  
*Dr. Beau Brodbeck, Extension Specialist in Community Forestry & Arboriculture, Auburn University, Fairhope, AL*

11:15 am—12:00 pm  
**Por Qué es Importante ser ISA Arbolista Certificado**  
*Wallace Carranza, Manager, Trees-LLC, Houston*

### The Texas Tree Schools

9:00 am to 3:30 pm

Separate registration required (lunch is included)

#### Track 1 English: An Introduction to Arboriculture Texas Room North (downstairs)

This year's Tree School will teach how to perform top quality tree care in an efficient yet safe manner. Classroom topics include job site safety, tree industry fatality causes and statistics, tree hazard assessment, decay fungi ID, tree biology and its relevance to pruning, CODIT, and proper pruning techniques. Field demonstrations will include numerous moving rope system (MRS) and stationary rope system (SRS) climbing techniques. Lead instructor is Certified Arborist Guy LeBlanc of Arbor Vitae Tree Care of Austin, assisted by Paul Johnson, BCMA, Senior Director at Sustainable Forestry Initiative.

#### Pista 2: Jornadas para Trabajadores de Arboles Texas Room South (downstairs)

The Spanish Language Tree School is 5.5 hours long and includes outdoor tree climbing demonstrations and indoor presentations: \*Climbing Procedures; \*Pruning Techniques; \*Safe Tree Work; \*Oak Wilt; \*Urban Trees. The instructors are: Eduardo Medina: 45 years of climber experience including 14 years with Davey Tree Expert Company as a safety instructor in the USA & internationally. Mónica Martínez Hurtado: 12 years of experience in arboriculture, co-owner of Dendroma tree company, member of the Asociación Mexicana de Arboricultura, and has competed in climbing tournaments. Mark Duff: retired after 26 years with Texas A&M Forest Service working on Oak Wilt management plus 13 years of international forestry work & currently runs his own consulting company. Bill Green, 27 years as an agroforestry extensionist & soil conservationist in South America plus 7 years as a regional forester with Texas A&M Forest Service.



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## Sponsors + Exhibitors

Thank you for your support!

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### Exhibitors:

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Trees LLC  
Tree Care Industry Association  
TreeDiaper  
TreePro/NIP  
United Clearing Services  
Utility Tree Insurance Services  
Vermeer Texas Louisiana

# 2023 Texas Tree Conference

## Event Overview

### Wednesday, September 20

8:00 am - 5:00 pm Registration Open  
10:00 am - 4:00 pm Tree Academy  
8:00 am—5:00 pm TRAQ Renewal Course  
12:30 pm - 4:00 pm ISA Cert. Arborist Exam  
1:00 pm - 5:00 pm Exhibitor Set Up  
5:30 pm - 8:00 pm ISAT Arborist Social at the Waco Suspension Bridge in Indian Springs Park (across the street)

### Thursday, September 21

7:00 am - 5:00 pm Registration Desk + Bookstore open  
7:00 am - 5:00 pm Trade Show + Poster Session open  
7:00 am- 7:50 am Breakfast with Exhibitors  
8:00 am - 11:45 am General Session  
12:00 pm - 1:15 pm Awards Luncheon, Brazos Ballroom  
1:30 pm - 5:00 pm Breakout Sessions  
5:00 pm - 7:00 pm Exhibitor Reception at the Trade Show—Drinks and Food

### Friday, September 22

7:00 am - 10:30 am Registration Desk + Bookstore open  
7:00 am - 10:30 am Trade Show/Auction (closes at 10:30)  
7:00 am - 7:50 am Breakfast with Exhibitors  
8:00 am - 9:00 am ISAT Annual Meeting  
9:00 am - 12:00 pm Breakout Sessions  
9:00 am - 3:30 pm Texas Tree Schools

Many thanks to the  
**2023 Texas Tree Conference**  
**Planning Committee Volunteers!**

Gary O'Neil  
**2023 Texas Tree Conference Chair**



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