

THE EXPERTS Robson Forensic

MARK A. WEBBER, BCMA, TRAQ, LTE, TechArborA, CPH, OCMNT
Board Certified Master Arborist

PROFESSIONAL EXPERIENCE

2012 to present **Robson Forensic, Inc.**
Associate

Provide technical investigations, analysis, reports, and testimony toward the resolution of commercial and personal injury litigation involving Apiculture, Arboricultural, Botany, and Horticultural issues.

Apiculture: bee keeping practices including, public safety, worker safety, pollination services, honey production, sudden colony collapse, effects of pesticides and the keeping of bees in urban centers.

Arboricultural: tree failures including branch, trunk, sudden branch drop, uproot and others. Municipal tree inventory practices, pruning practices, cabling, propping and bolting practices, effects of hardware installed into trees, work, and business practices, cutting practices, equipment use and operation, tree risk assessment practices, tree-root-hardscape interface, tree appraisals, dendrology, dendrochronology, wood decay, wound closure, and wood identification.

Botany: algae, moss, and plant identification, life cycle, structure and growth conditions.

Horticulture: plant failure caused by abiotic and biotic conditions, plant identification, plant selection, plant value determinations, planting and establishing plants, fruit & nut drop management, landscape design, garden center operations, nursery production, work and business practices, fertility & pesticide use and application, soils, stone fruit production, apple production, small fruit production, viticulture, vegetable production, weed control, maintenance, site drainage, hardscaping, parks, farming practices, bike/hike paths, retaining walls, street trees, herbicide injury, irrigation practices, and methods including organic and conventional means.

1997 to present **Mark Webber's Landscaping Company, Dayton, OH**
Founder/Co-owner

Started and actively manage a landscape design and build, tree, property-care, consulting and plant production nursery business.

1995 to 1997 **Tru-Gro Landscaping, Dayton, OH**
Owner/Manager

Directed sales and managed 25 plus employees doing tree and landscaping operations involving commercial and residential accounts.

1986 to 1995 **Farmer Dan's, Dayton Ohio**
Manager/Owner

Production and garden center sales of Bedding Plants, Cider, Christmas Trees, Nursery Stock, Stone Fruit, Apples, Pears, Raspberries, Blueberries and Vegetables. Started a landscape design and build division.

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- 1984 to 1986 **Aichholtz Farms**, Newtown, OH
Manager
Responsible for pest control and took part in the production and harvesting, packaging, marketing and shipment of over 300 acres of vegetable and small fruit crops.
- 1983 **BASF Corp.**, Parsippany, NJ
Research Assistant
Involved with implementing experimental trials of herbicides/fungicides on crops: Mint, Stone Fruits, Apples, Small Fruits, Soybeans, Wheat, Cotton and Christmas Trees.
- 1981 to 1984 **The Ohio State University**, Columbus, OH
Honey Bee Technician/Apiculture
Repaired equipment. Assisted with research data collection. Kept and maintained Honey Bee Colonies.
- 1980 **Turkenburg Nursery**, Madison, OH
Intern
Worked in all phases of nursery plant propagation. Involved with the day-to-day operations.
- 1975 to 1979 **Day's Nursery**, Findlay, OH
Worked in all phases of nursery production, landscaping installation, and sales.

PROFESSIONAL CREDENTIALS

Certified Professional Horticulturist, American Society for Horticultural Science, Alexandria, Virginia, 2017

Professional Arborist

Rhode Island

Minnesota

Maine: First Class Landscape Arborist

First Class Utility Arborist

New Jersey

Certified Tree Expert, Board of Tree Experts Jackson NJ, August 2016-August 2017

Licensed Tree Expert, Board of Tree Experts Jackson NJ, August 2017-present

ISA Board Certified Master Arborist, International Society of Arboriculture, 2013-present (ISA Certified Arborist, 1998-2013)

Expertise in: Abiotic Disorders; Biology; Biotic Disorders; Plant Identification and Selection; Soil Science; Climbing, Rigging, and Removal; Diagnostic Process; Installation Practices; Plant Health Care; Pruning; Soil Treatment; Support and Protection; Water Relations and Irrigation; Inventory and Management Plans; Plant Appraisal; Risk Assessment; Safety; Right-away Management (ROW), Tree Preservation and Wildlife Protection.

Ohio Commercial Pesticide Applicator 6A, 6C

Wildlife Protector Certification, Wildlife Training Institute, 2014-present

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Tree Risk Assessment Qualified (TRAQ), International Society of Arboriculture, February 2013-present

Master Nursery Landscape Technician, Ohio Nursery & Landscape Association (ONLA), Columbus, OH, 2005-present

Expertise in three areas of specialization: Core basics of plant science, Garden Center Management, Plant Grower and Landscape operations and management. Once a person successfully obtains all three specializations, they are granted the Master Technician status.

TechArborA, designated by the Arboricultural Association, United Kingdom

The only Board-Certified Master Arborist in the United States that is designated as a TechArborA in the United Kingdom as of 10/28/15.

EDUCATION

AAS, BS, Horticultural Science, Minor Ag. Business, The Ohio State University, Columbus, OH, 1984

Continuing Education

2017 ONLA Diagnostic Walkabouts, Akron, Ohio, August 2017

Tree Growth and Response in a Changing Environment, University of Massachusetts, August 2017

Root Pruning Part 2, International Society of Arboriculture, July 2017

Vines and Utility Arboriculture, International Society of Arboriculture, June 2017

Sustainability with Trees: Community Canopy Project, Utah State, June 2017

Tree Risk Assessments: Cutting Edge Science Meets Practical Applications, US Forest Service, May 2017

Planting for Success: Selecting Trees for Tough Urban Sites, University of Massachusetts, May 2017

Scolytid Beetles and Fungal Symbionts, Western Chapter ISA, May 2017

Bur Oak Blight Management, International Society of Arboriculture, May 2017

Urban Trees and the Law, University of Massachusetts Extension, May 2017

A New Approach to Quantify Growth Response, International Society of Arboriculture, April 2017

Identifying, Preventing and Correcting Winter Injury on Landscape Plants, Ohio Chapter ISA, April 2017

Tree Risk Assessment - Perceptions, Reality and Reliability, International Society of Arboriculture, April 2017

Tree Risk Assessment, University of Alabama Extension, April 2017

Fine Root Growth Response, International Society of Arboriculture, April 2017

How to Build a Production Team for Plant Health Care Delivery. International Society of Arboriculture. March 2017

Plant Health Care and Diagnostics, International Society of Arboriculture, March 2017

Does Modulus of Elasticity Vary? International Society of Arboriculture, March 2017

Storm Resiliency Program for Trees, International Society of Arboriculture, February 2017

Root Crown Excavation, Western Chapter of the International Society of Arboriculture, January 2017

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Urban Wood Utilization: Options and Alternatives, University of Massachusetts, January 2017
Soil Compaction and Urban Trees: Strategies for Gaining Ground, University of Utah, January 2017
Biomechanics & Dynamics in Trees, International Society of Arboriculture, January 2017
Branch Failure and Risk Mitigation, International Society of Arboriculture, December 2016
Understanding Tree Responses to Stress Complexes, International Society of Arboriculture, December 2016
Understanding the Benefits and Cost of an Urban Ecosystem, The Ohio State University Green Industry Short Course at the Ohio Turf Grass Foundation Meetings, Columbus, Ohio, December 2016
Communicating The "Trees Matter" Message To The Public, Our Clients And Elected Officials, The Ohio State University Green Industry Short Course at the Ohio Turf Grass Foundation Meetings, Columbus, Ohio, December 2016
The "Dirt" On Soils And Roots And Their Relationship To Tree Health, The Ohio State University Green Industry Short Course at the Ohio Turf Grass Foundation Meetings, Columbus, Ohio, December 2016
Girdling Roots-What You Need To Know At The Ground Level, The Ohio State University Green Industry Short Course at the Ohio Turf Grass Foundation Meetings, Columbus, Ohio, December 2016
Essential Elements of Tree Health, International Society of Arboriculture, November 2016
Lightning Impacts on Trees, International Society of Arboriculture, November 2016
Tree Risk Assessment: A Review of the Literature, International Society of Arboriculture, November 2016
Biochar as a Soil Amendment, International Society of Arboriculture, November 2016
Lightning Impacts on Trees, International Society of Arboriculture, November 2016
Organic Pesticides the Science behind their Efficacy, International Society of Arboriculture, November 2016
Lichen 101: What an Arborist Needs to Know, International Society of Arboriculture, November 2016
Effects of Nature on Health and Wellness, International Society of Arboriculture, November 2016
Trends and Regulations Shaping Training, International Society of Arboriculture, November 2016
"November Forestry Lunch and Learn," University of Utah, November 2016
The Galling of America, Kentucky Chapter ISA, October 2016
Professionalism-That's Not My Job, Kentucky Chapter ISA, October 2016
Ethics in Arboriculture, Kentucky Chapter ISA, October 2016
The Perils of Mulch, Kentucky Chapter ISA, October 2016
Severe Weather Warnings: Separating Fact from Fiction, Kentucky Chapter ISA, October 2016
Using TRAQ to Model Wind Speeds, Kentucky Chapter ISA, October 2016
The Heat is On: Record Temps and Landscape Pests, University of Massachusetts, October 2016
Case for Mulch, International Society of Arboriculture, October 2016
Reports: The Write Way, International Society of Arboriculture, October 2016
Why Trees Die, International Society of Arboriculture, October 2016
Effects of Hurricane Sandy, International Society of Arboriculture, October 2016

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Liability, Negligence, and Acts of God, International Society of Arboriculture, October 2016

Trees and Water, Western Chapter ISA, September 2016

Basic Tree Plumbing: Translocation, International Society of Arboriculture, August 2016

Tree Injection part 1, International Society of Arboriculture, August 2016

Tree Injection, International Society of Arboriculture, July 2016

Bark Traits are Important to Tree health and Survival, International Society of Arboriculture, March 2016

Growth in Trees, Western Chapter ISA, February 2016

Writing Pruning and Planting Specifications: Incorporating the Latest Practices into Written Documents, The Ohio Turf Grass Foundation and the Ohio State University Green Industry Short Course, Columbus, Ohio, December 2015

An Introduction to iTree-Technology and Trees, The Ohio Turf Grass Foundation and the Ohio State University Green Industry Short Course, Columbus, Ohio, December 2015

Recommended Trees for Ohio, The Ohio Turf Grass Foundation and the Ohio State University Green Industry Short Course, Columbus, Ohio, December 2015

Retrenchment, Reduction, Topping: The Same Difference? The Ohio Turf Grass Foundation and the Ohio State University Green Industry Short Course, Columbus, Ohio, December 2015

Proper Tree Selection for Golf Courses, The Ohio Turf Grass Foundation and the Ohio State University Green Industry Short Course, Columbus, Ohio, December 2015

Trees and Turf: Unnatural Neighbors, The Ohio Turf Grass Foundation and the Ohio State University Green Industry Short Course. Columbus, Ohio, December 2015

Common Tree Concerns during the Fall, Ohio Chapter ISA, October 2015

Managing Bark Beetles, Western Chapter ISA, October 2015

An Analysis of the Field Precision of the CTLA Trunk Formula Method, International Society of Arboriculture, October 2015

Tree Lightning Protection Systems, International Society of Arboriculture, October 2015

Cracks, Crevices, Splits and Fissures - What's Normal? Kentucky Chapter ISA, Annual Conference, October 2015

Tree Disease Overview: Bacterial Plant Pathogens in Urban Landscapes, Kentucky Chapter ISA, Annual Conference, October 2015

Mushrooms, Molds and Mycorrhizae, Mycological Solutions for Healthy Trees, Water and Soil, Kentucky Chapter ISA, Annual Conference, October 2015

Trees as Green Infrastructure-How Perception of Trees Influence Management Decisions, Kentucky Chapter ISA, Annual Conference, October 2015

2015 Insect Update, Kentucky Chapter ISA, Annual Conference, October 2015

Great Trees for the Urban Landscape, Kentucky Chapter ISA, Annual Conference, October 2015

Emerald Ash Bore Update, University of Massachusetts, October 2015

Tree Biology – Anatomy, International Society of Arboriculture, September 2015

Tree Worker Safety – Safety, International Society of Arboriculture, August 2015

They're Coming...Planning Ahead for the Urban Landscape Pests of 2015, International Society of Arboriculture, Penn-Del Chapter, June 2015

Technology, Pests and Urban Trees: Penn-Del Chapter International Society of Arboriculture, May 2015

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Pest Update, University of Massachusetts Department of Environmental Conservation, April 2015
How's My Driving, Utility Arborist Association, April 2015
Extreme Weather is the New Normal, Utility Arborist Association, April 2015
Fall Protection Prevention, Utility Arborist Association, April 2015
Diagnosing Abiotic Disorders, Western Arborist, Western Chapter International Society of Arboriculture, April 2015
Biology and Assessment of Callus and Woundwood, Arborist News, International Society of Arboriculture, April 2015
Structural Soils in the Urban Environment: The Practitioner's Perspective, University of Massachusetts Department of Environmental Conservation, March 2015
Research on branch failure: Strength loss, elasticity & taper, The Ohio Tree Care Conference, February 2015
Emerald Ash Borer Equipment and BMPs, Rainbow Tree Care Scientific Webinar, March 2015
The Cost of Not Maintaining the Urban Forest, International Society of Arboriculture, February 2015
Turf Weed Control Broadleaf Weed Control Update, Ohio Pesticide Safety Education Program, The Ohio State University Extension, February 2015
Turf Weed Control Grassy Weed Control Update, Ohio Pesticide Safety Education Program, The Ohio State University Extension, February 2015
Insect and Mite Control Update, Ohio Pesticide Safety Education Program, The Ohio State University Extension, February 2015
Regulatory Update, Ohio Pesticide Safety Education Program, The Ohio State University Extension, February 2015
Ornamental Weed Control Sustainable Landscapes, Ohio Pesticide Safety Education Program, The Ohio State University Extension, February 2015
Turf Insect Control Update, Ohio Pesticide Safety Education Program, The Ohio State University Extension, February 2015
Invasive Forest and Shade tree Pests, Ohio Pesticide Safety Education Program, The Ohio State University Extension, February 2015
Ornamental Disease Update, Ohio Pesticide Safety Education Program, The Ohio State University Extension, February 2015
Turf Disease Update, Ohio Pesticide Safety Education Program, The Ohio State University Extension, February 2015
Thigmomorphogenesis: How Trees Respond to Wind, Ohio Tree Care Conference, February 2015
Dendrochronology: The Details are in the Tree Rings, Ohio Tree Care Conference, February 2015
The Role of the Ohio Division of Forestry, Ohio Tree Care Conference, February 2015
Utilizing ROW and Urban Trees: Are They Marketable, Ohio Tree Care Conference, February 2015
Improving Tree Worker Safety: Tackling the "Big Four," Ohio Tree Care Conference, February 2015
Rope Splicing, North American Training Solutions, Chagrin Falls, OH, January 2015
Canker Diseases-Part III Western Chapter ISA, January 2015
Symbiosis of Parasites and Epiphytes, December 2014
Tree Risk Assessment for Municipalities, November 2014
On-line Arborist Ropes, October 2014
Considerations in Installing Cables in Trees, October 2014

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Wildlife Protector Certification, August 2014
Flood Tolerant Trees in Urban Sphere, August 2014
Keeping Evergreens Green, July 2014
Quercus prinus – Chestnut Oak, July 2014
Integrated Vegetation Management, June 2014
Advanced Twig Anatomy: Part 2, International Society of Arboriculture (ISA), 2014
Rights-of-way Terms and Conditions, International Society of Arboriculture (ISA), 2014
Risk Reduction in Tree Work, International Society of Arboriculture (ISA), 2014
Tree Windthrow, International Society of Arboriculture (ISA), 2014
Change is Normal – It's the Speed that Can Create Challenges, International Society of Arboriculture (ISA), 2014
Mock Trial Based on Ohio Tree Law, International Society of Arboriculture (ISA), 2014
Elm Yellows and Dutch Elm Disease, International Society of Arboriculture (ISA), 2014
Advanced Twig Anatomy: Part I, International Society of Arboriculture (ISA), 2014
Storm Response Part 4: Unique Aspects AIN Quiz, International Society of Arboriculture (ISA), 2013
ISA Podcast (The Case of the Stubborn Streaks), International Society of Arboriculture (ISA), 2013
Online Diagnosis and Disorder Abiotic Disorders, International Society of Arboriculture (ISA), 2013
Online Tree Maintenance Lightning Protection Systems, International Society of Arboriculture (ISA), 2013
Online Soil and Water: Trees and Water, International Society of Arboriculture (ISA), 2013
Tree Science – How Critters Use Bark and Wood as Food, International Society of Arboriculture (ISA), 2013
Tree Science – American Mistletoe: Kissing Under a Parasite, International Society of Arboriculture (ISA), 2013
Tree Science – Cool Trees: Surviving Cold Temperatures, International Society of Arboriculture (ISA), 2013
Tree Science – Identifying Wood Decay and Wood Decay Fungi in Urban, International Society of Arboriculture (ISA), 2013
Arborist New (Storm Response Part I), International Society of Arboriculture (ISA), 2013
BYGL “Hands-on” Insect/Disease Diagnostics, International Society of Arboriculture (ISA), 2013
Tree Science – Adventitious Roots: Occurrence and Management in Urban Tree, International Society of Arboriculture (ISA), 2013
Tree Science – Problems Related to pH, International Society of Arboriculture (ISA), 2013
Tree Science – Damage and Disorders: Steps to Proper Diagnosis, International Society of Arboriculture (ISA), 2013
Tree Science – Plant Traits that Resemble Abiotic Disorders, International Society of Arboriculture (ISA), 2013
Tree Science – The Arboricultural Misfits: The Biological Classification, International Society of Arboriculture (ISA), 2013
Tree Science – Palms: Not Just for the Tropics, International Society of Arboriculture (ISA), 2013
Tree Science – Classified: Conifers and Yews, International Society of Arboriculture (ISA), 2013

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Tree Risk Assessment Qualification (TRAQ) Courses, International Society of Arboriculture (ISA), 2013

BYGL “Hands-on” Insect/Disease Diagnostics, International Society of Arboriculture (ISA), 2013

Anyone Can Do Tree Work, International Society of Arboriculture (ISA), 2013

Pruning: Is it Something to the Tree or for it?, International Society of Arboriculture (ISA), 2013

2012 Top 10 Tree Pest: From the Pages of the BYGL, International Society of Arboriculture (ISA), 2013

Safe Use of Knuckle Booms and Cranes in Arboricultural Operations, International Society of Arboriculture (ISA), 2013

How to Implement and Develop a Safety Program, International Society of Arboriculture (ISA), 2013

KAA 2012 Annual Conference, International Society of Arboriculture (ISA), 2013

Arborist News (Root MGMT Challenges in Urban Sites), International Society of Arboriculture (ISA), 2012

Arborist News (Tree Risk Assessment Structural Defects and Conditions), International Society of Arboriculture (ISA), 2012

BYGL ‘Bluegrass’ “Hands-on” Insect/Disease, International Society of Arboriculture (ISA), 2012

ALB Certification and Compliance Agreement Training, International Society of Arboriculture (ISA), 2012

BYGLive Insect/Disease Diagnostics, International Society of Arboriculture (ISA), 2012

Arborist News (Tree Rings and the Local Environment), International Society of Arboriculture (ISA), 2012

Moving Forward with Science-Based Arboriculture: New Developments in Tree Care, International Society of Arboriculture (ISA), 2012

BG/BYGLive “Hands-on” Insect/Disease Diagnosis, International Society of Arboriculture (ISA), 2011

BYGL, International Society of Arboriculture (ISA), 2011

BYGLive “Hands-on” Insect/Disease Diagnostics, International Society of Arboriculture (ISA), 2009

BYGL “Bluegrass” Insect/Disease Diagnostics, International Society of Arboriculture (ISA), 2008

Field Nutrition, International Society of Arboriculture (ISA), 2008

Phat Container Stock, International Society of Arboriculture (ISA), 2008

BYGLive “Bluegrass” Insect/Disease Diagnostics, International Society of Arboriculture (ISA), 2007

Container Nutrition, International Society of Arboriculture (ISA), 2007

Bark Splitting, International Society of Arboriculture (ISA), 2007

On Pines and Needles, International Society of Arboriculture (ISA), 2007

Ambrosia Beetle: What is it..., International Society of Arboriculture (ISA), 2007

Soil Conservation in the Nursery, International Society of Arboriculture (ISA), 2007

Plant Selection Committee Update, International Society of Arboriculture (ISA), 2007

Wednesday Morning, International Society of Arboriculture (ISA), 2006

Wednesday PM, International Society of Arboriculture (ISA), 2006

Wednesday Evening Street Tree, International Society of Arboriculture (ISA), 2006

Building Positive Relations with Your Employees, International Society of Arboriculture (ISA), 2006

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Use of Mycorrhizal Fungi in Nursery Production..., International Society of Arboriculture (ISA), 2006

Ohio Native Plants, International Society of Arboriculture (ISA), 2006

Landscapers, Are You Ready for an OSHA Inspection?, International Society of Arboriculture (ISA), 2006

“Hands-on” Insect/Disease Diagnostics, International Society of Arboriculture (ISA), 2005

OSU Nursery Short Course (Research Update), International Society of Arboriculture (ISA), 2005

OSU Nursery Short Course (Research vs. Reality), International Society of Arboriculture (ISA), 2005

OSU Nursery Short Course (The Genus Quercus), International Society of Arboriculture (ISA), 2005

OSU Nursery Short Course (Producing Tree Liners), International Society of Arboriculture (ISA), 2005

Alien Invaders, International Society of Arboriculture (ISA), 2004

Blue Grass “Hands-on” Insect/Disease Diagnosis, International Society of Arboriculture (ISA), 2004

Hazard Trees, International Society of Arboriculture (ISA), 2003

Understanding Galls, International Society of Arboriculture (ISA), 2003

Proper Planting of Tree in the Nursery and Landscape, International Society of Arboriculture (ISA), 2003

ID of Evergreen Trees and Shrubs, International Society of Arboriculture (ISA), 2002

Introduction of Woody Plant, International Society of Arboriculture (ISA), 2002

Wednesday Morning, International Society of Arboriculture (ISA), 2002

Lab: Identification of Key Insect Groups, International Society of Arboriculture (ISA), 2002

IPM and PHC: A Historical Perspective, International Society of Arboriculture (ISA), 2002

Days and Phenology, International Society of Arboriculture (ISA), 2002

Evening Insect Walk, International Society of Arboriculture (ISA), 2002

Thursday Morning, International Society of Arboriculture (ISA), 2002

Thursday Afternoon, International Society of Arboriculture (ISA), 2002

20 Questions of Plant Problem Diagnostics, International Society of Arboriculture (ISA), 2002

BYGLive “Hands-on” Insect and Disease ID, International Society of Arboriculture (ISA), 2002

BYGLive “Hands-on” Plant Problems Series, International Society of Arboriculture (ISA), 2000

4th Annual Bluegrass, International Society of Arboriculture (ISA), 2001

Ten Trees You Should Know, International Society of Arboriculture (ISA), 2001

Why Are My Plants Dying?, International Society of Arboriculture (ISA), 2001

Test Plot Tour and Rating, International Society of Arboriculture (ISA), 2001

Effects of Mulch on Soil Ecology and Tree, International Society of Arboriculture (ISA), 2001

Secret Arboretum Walk, International Society of Arboriculture (ISA), 2001

Air Spade Look at Roots, International Society of Arboriculture (ISA), 2001

Electron Bean Analysis, International Society of Arboriculture (ISA), 2001

Soil Fertility and Insect Resistance, International Society of Arboriculture (ISA), 2001

Plant Health Care 2001, International Society of Arboriculture (ISA), 2001

Plant Health Care Workshop, International Society of Arboriculture (ISA), 2000

PROFESSIONAL MEMBERSHIPS and AFFILIATIONS

International Society of Arboriculture (ISA), 2000-present
Ohio Chapter, 2000-present
Education and Public Outreach Committee, 2013-present
License Plate Committee 2017-present
Board of Directors (elected by membership), 2017-present
Florida Chapter, 2014-present
Illinois Chapter, 2016-present
Indiana Chapter, 2013-present
Kentucky Chapter, 2000-present
Mid Atlantic Chapter, 2014-present
Midwest Chapter, 2015-present
Michigan Chapter 2016-present
New England Chapter, 2014-present
New Jersey Chapter, 2014-present
New York State Chapter, 2014-present
Pacific Northwest Chapter, 2015-present
Pennsylvania-Delaware Chapter, 2014-present
Southern Chapter, 2015-present
Western Chapter, 2014-present
Wisconsin Chapter, 2014-present
Ohio Nursery and Landscape Association
Education and Scholarship Committee member, 2010-2016
Plant Selection Committee member, 2009-2010
Tree-Ring Society, 2016-present
Utility Arborist Association, 2014-present
Jefferson Twp. Farmers' Market, Founder and President
Garden Academy of the Dayton Home and Garden Show, Founder
Cox Arboretum, Dayton Ohio Board of Directors, 2004-2005
Arboricultural Research and Education Academy
Urban Tree Growth and Longevity Working Group
Arboricultural Association, United Kingdom

PRESENTATIONS and PUBLICATIONS

How Forest Forensics Could Prevent the Theft of Ancient Trees, Smithsonian.com,
September 2017
2017 Continuing Education Program for Montgomery County Master Gardeners on *Basics of Tree Hazard Identification*. Woodland Cemetery and Arboretum, Dayton, Ohio, August 2017
Tree Care Basics: "Selection, Planting, Training, Hazard Recognition, and more.....Cox Arboretum
Five Rivers Metro Parks, March 2017
The Bark of a Tree "The Great Protector and Resource." Shade Tree Notes, New York
State Arborists, Winter 2017, Republished by Citygreen Australia, February 2017

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- The Bark of a Tree "The Great Protector and Resource." Shade Tree Notes, New York State Arborists, Winter 2017
- "Hazard Tree Training for Insurance Professional." Independent Insurance Agents and Adjusters of Dayton, Ohio, November 2016
- Arboricultural Practices of Importance -Planting, Pruning and More. The Ohio State University Green Industry Short Course at the Ohio Turf Grass Foundation Meetings, Columbus, Ohio, December 2016
- "Hand Saws" Finding the Right Cut. Tree Tech Bytes, Buckeye Arborist. Volume 47, Number 5, September/October 2016
- Improving Root Distribution in Nursery Trees. Western Arborist. Volume 42, Number 2, Summer 2016. Republished by Citygreen Australia, October 2016
- The 4 Steps to Training Tree Roots in the Right Direction. Shade Tree Notes, New York State Arborists, Summer 2016
- Electronic pH Testers, Tree Tech Bytes, Buckeye Arborist. Volume 47, No. 3, May/June 2016
- Swamp White Oak "The Adaptable and Long Lived Urban Tree." Ohio Cemetery Association, Volume 6, Issue 2, April 2016
- From the Ground Up "How to Protect Trees During Construction, Parks and Recreational Business, March 2016
- How Healthy is my Tree? A Measure of Carbohydrate Storage. Buckeye Arborist, January/February 2016
- The Lovely Larches of Woodland, Woodland Wire, August 1, 2014, Re-published by the Ohio Cemetery Association, January 2016
- [Tree Herbicide Injury "How to Recognize and Prevent It,"](#) Buckeye Arborist. Volume 46, No. 6, November/December 2015
- Horticulture Basics, Part 1. American Planning Association Ohio Chapter, Dayton Ohio Sinclair Community College, December 2015
- Landscape Design and Care. American Planning Association Ohio Chapter, Dayton Ohio Sinclair Community College, December 2015
- Guide for Successful Pruning of Evergreen Trees. Buckeye Arborist. September/October 2015
- [Diagnosis of Plant Decline and Death "What is the primary/root cause: abiotic vs biotic?"](#) Buckeye Arborist, July/August 2015
- A Protocol in Foliar Analysis, "An Arborist's Best Practices in Nutrient Management," Buckeye Arborist, May/June 2015
- [Don't Fertilize Without a Soil Test: "A Protocol on Soil Sampling."](#) Buckeye Arborist, March/April 2015
- [The American Sycamore "The Ghost of the American Forest,"](#) Buckeye Arborist, March/April 2015
- "The Future of Trees is in Your Hands – The Best Practices of Tree Planting," Ohio Chapter ISA. Created and developed an 8-hour program for continuing education for the Best Practices of Tree planting for Green's Professionals, October 2014-February 2015
- "The Loss Generation of Trees," Slide show and background of tree planting failures, Cox Arboretum and Gardens, Dayton Ohio, Ohio Chapter ISA, February 2015
- "Site Selection & Soil Conditions for Tree Planting," Cox Arboretum and Gardens, Dayton Ohio, Ohio Chapter ISA, February 2015
- "Planting Specifications for Tree Planting, meeting ANSI A300 part 6," Dayton Ohio, Ohio Chapter ISA, February 2015

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“In class exercise practicum of tree planting failures workshop,” Dayton Ohio, Ohio Chapter ISA, February 2015
[Vertical Mulching of Trees, “Giving Tree Roots a Breath of Fresh Air,”](#) Ohio Cemetery Association Journal, January 2015
[Fall Arrest Compliant Standards Beyond ANSI Z133,](#) Buckeye Arborist, January-February 2015
[The Big Burr or Bur of Oak Trees,](#) Buckeye Arborist, January-February 2015
Seeing what a Tree is *REALLY* telling you, “*Stress Detection Glasses,*” The Buckeye Arborist, November/December 2014
Cucumber Magnolia, Woodland Wire, October 2014
[Will that tree hit my house?,](#) The Buckeye Arborist, September/October 2014
[The Lovely Larches of Woodland,](#) Woodland Wire, August 1, 2014
[How and when do you advise a client to water?,](#) Ohio Chapter ISA, July16, 2014
Raging Redbuds, Woodland Wire, May 2014
Tree Tech Bytes Editor for The Buckeye Arborist, 2014-present
Host of *Garden Talk* on Newstalk Radio WHIO, Dayton, Ohio. Developed website, GardenTalkBlog.com, 1990-present
“Indicators of Tree Risk,” Television Story on WHIO Channel 7, Dayton, Ohio, 2014
Raging Redbuds Article, Woodland Cemetery and Arboretum, 2014
Dogwoods of Woodland Article, Woodland Cemetery and Arboretum, 2014
Gardening TV Expert, WDTN Channel 2
“Tree Value Determination” presentation at ISA Ohio Chapter, Dayton, Ohio, 2013 Winter Meetings
At Home-Sophisticated Living in Southwest Ohio, Finding the Perfect Tree, 2012 (October-November)
Ohio Chapter International Society of Arboriculture, Stem Girdling Roots, 2012
At Home-Sophisticated Living in Southwest Ohio, Don’t Let Your Tree Become a Thing of the Past, (July-August) 2012
At Home-Sophisticated Living in Southwest Ohio, Marvelous Maples, 2012 (May-June)
Ohio Agricultural Research and Development Center Yearly Report, Value of Ohio Agricultural Research in Fight against Emerald Ash Bore 2012,
Dayton Home and Garden Show, Vertical Landscape Solutions, 2012
Ohio Chapter International Society of Arboriculture, Native Trees, Winter Meeting, 2011
Dayton Home and Garden Show, Landscape Design with Plant Health in Mind, 2010
Ohio State University Extension Agents, Air Knife-Stem Girdling Roots, 2009
Southwest Ohio BYGL, Woodland Cemetery, Air Knife-Stem Girdling Roots, 2008
Mycorrhizae - Are They Right for Me? Co-Author with Dr. Mike Amaranthas, 2002

OTHER

Commencement Speech Ohio State University ATI Graduation, June 1981
Academic Scholarship, Ohio State University, maintained 3.0 GPA, 1980-1983
Berry Scholarship. Berry Foundation, 1979-1983
Boys State, American Legion, 1978
Eagle Scout, 1976