

PROFESSIONAL EXPERIENCE

2019 to present **Robson Forensic, Inc.**
Associate

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

Arboricultural; tree failures including branch, trunk, sudden branch drop, uproot and others. Tree inventory practices, pruning practices, cutting practices, equipment use and operation, tree risk assessment practices, tree-root-hardscape interface, tree appraisals, wood decay, wound closure, and wood identification

Botanical; algae, fungi, lichens, mosses, ferns, conifers, broad-leaved evergreens, and deciduous plant material

Horticulture: soil conditions leading to plant failure, plant identification, plant selection, plant value determinations, planting and establishing plants, fruit & nut drop management, landscape design, work and business practices, fertility and pesticide use, weed control, maintenance, site drainage, herbicide injury, irrigation practices, and methods including organic and conventional means.

2018 to present **New England Tree Consulting**
Consulting Arborist

Providing consultation services to assess general tree and landscape plant health, Identification of insect and disease issues, Project supervision/oversight, Tree Risk Assessments, Tree Appraisals along with development of strategic management plans in an effort to preserve client's investments.

2018 to 2019 **The Reilly Tree & Landscape Company**
Consulting Arborist

Developed and implemented strategic management plans for the care of landscape plants with clients in both residential and commercial settings.

Identified, evaluated, and managed hazard trees, communication and understanding of risk with clients, assessed structural pruning needs, managed insects and diseases, plant tissue and soil analysis, soil amendment management, tree and shrub planting/transplanting plans, root collar excavations and noxious weed management.

THE EXPERTS
Robson Forensic

MICHAEL COLMAN, BCMA, TRAQ, MCA, MCLP
Board Certified Master Arborist

2015 to
2018

Harrison McPhee Inc.

Arborist Representative

Developed and implemented strategic management plans for the care of landscape plants with clients in both residential and commercial settings.

Identified, evaluated, and managed hazard trees, communication and understanding of risk with clients, assessed structural pruning needs, managed insects and diseases, plant tissue and soil analysis, soil amendment management, tree and shrub planting/transplanting plans, root collar excavations and noxious weed management.

Developed and implemented a company safety program.

2011 to
2015

Hartney Greymont

Arborist Representative

Developed and implemented strategic management plans for the care of landscape plants with clients in both residential and commercial settings.

Identified, evaluated, and managed hazard trees, communication and understanding of risk with clients, assessed structural pruning needs, managed insects and diseases, plant tissue and soil analysis, soil amendment management, tree and shrub planting/transplanting plans, root collar excavations and noxious weed management.

2007 to
2012

Horticultural Concepts, Inc

Owner

Developed and implemented strategic management plans for the care of landscape plants with clients in both residential and commercial settings.

Identified, evaluated, and managed hazard trees, communication and understanding of risk with clients, assessed structural pruning needs, managed insects and diseases, plant tissue and soil analysis, soil amendment management, tree and shrub planting/transplanting plans, root collar excavations and noxious weed management.

2006 to
2009

Cedarlawn Tree Service

Consulting Arborist

Developed and implemented strategic management plans for the care of landscape plants with clients in both residential and commercial settings.

Identified, evaluated, and managed hazard trees, communication and understanding of risk with clients, assessed structural pruning needs, managed insects and diseases, plant tissue and soil analysis, soil amendment management, tree and shrub planting/transplanting plans, root collar excavations and noxious weed management.

THE EXPERTS
Robson Forensic

MICHAEL COLMAN, BCMA, TRAQ, MCA, MCLP
Board Certified Master Arborist

1997 to
2006

Hartney Greymont

Arborist Representative

Developed and implemented strategic management plans for the care of landscape plants with clients in both residential and commercial settings. Responsible for the management of a satellite office and accompanying field employees.

Identified, evaluated, and managed hazard trees, communication and understanding of risk with clients, assessed structural pruning needs, managed insects and diseases, plant tissue and soil analysis, soil amendment management, tree and shrub planting/transplanting plans, root collar excavations and noxious weed management.

Field experience: tree identification, insect and disease diagnosis, tree climbing, tree and shrub pruning, tree removal, aerial lift and equipment operation, tree and shrub planting, tree and shrub fertilization, tree spraying and turf management.

PROFESSIONAL CREDENTIALS

Tree Risk Assessment Qualified (TRAQ) International Society of Arboriculture
ISA Board Certified Master Arborist (BCMA) #NE-1002B, International Society of
Arboriculture

Massachusetts Certified Arborist (MCA) #2082, Massachusetts Arborist Association
Massachusetts Pesticide Applicator- Commercial Certification, Commonwealth of
Massachusetts

Massachusetts Certified Landscape Professional (MCLP) #1522, Examining Board of
Massachusetts Certified Landscape Professionals

Rhode Island Licensed Arborist, Rhode Island Dept. of Environmental Management

Maine First Class Landscape Arborist

Maine Class Utility Arborist

CONTINUING EDUCATION

Applications for Biochar for Arboriculture, International Society of Arboriculture
February 2020

Pesticide Best Management Practices: Protecting the Environment and the Applicator,
Massachusetts Dept. of Agricultural Resources.

January 2020

Right-of-Way Herbicide Applications and Developing a Vegetation Management Plan,
Massachusetts Dept. of Agricultural Resources. January 2020

Trees & Shrubs in the Landscape: 2019 Disease Review, UMass Extension, January 2020

Insect Pests of 2019: the Old, the New and the Odd, UMass Extension, January 2020

Pruning Cuts: Best Management Practices--Tree Pruning, 3rd Edition, International Society
of Arboriculture, December 2019

Pruning Systems: Best Management Practices-Tree Pruning, 3rd Edition, International
Society of Arboriculture, October 2019

MICHAEL COLMAN, BCMA, TRAQ, MCA, MCLP
Board Certified Master Arborist

Root Management: Challenges on Urban Sites, International Society of Arboriculture, September 2019

The Cost Approach: Methods, Techniques and Depreciation, International Society of Arboriculture, September 2019

Root Pruning: Part 2, International Society of Arboriculture, September 2019

Plant Appraisal Data Collection: Part 2, International Society of Arboriculture, September 2019

Wood Decay Fungi: Identification and Management, International Society of Arboriculture, June 2019

Plant Appraisal Data Collection: Part 1, International Society of Arboriculture, May 2019

Plant Appraisal Process, International Society of Arboriculture, April 2019

Tree Risk Assessment Qualification-Full Course, International Society of Arboriculture, Portsmouth, NH, April 2019

Core Concepts of Plant Appraisal, International Society of Arboriculture, March 2019

Nursery Production Systems, International Society of Arboriculture, December 2018

Nursery Production Systems and Their Impact on Urban Tree Growth & Development, International Society of Arboriculture, December 2018

Climbing Gear & Safety Checks, Massachusetts Arborists Association, October 2018

Root Rot, Really?, Massachusetts Arborists Association, March 2018

Pruning Fruit Trees, Massachusetts Arborists Association, March 2018

Understanding Professional Service Contracts, American Society of Consulting Arborists Consulting Academy, February 2018

Calculating Your Expenses to Manage Budgets and Determine the Structure, American Society of Consulting Arborists Consulting Academy, February 2018

Consulting Arborist Insurance Needs, American Society of Consulting Arborists Consulting Academy, February 2018

The Consultant's Role in Contentious Situations, American Society of Consulting Arborists Consulting Academy, February 2018

Report Writing, American Society of Consulting Arborists Consulting Academy, February 2018

Introduction into Forensics, American Society of Consulting Arborists Consulting Academy, February 2018

Professional Practice Guidelines for Consulting Arborists, American Society of Consulting Arborists Consulting Academy, February 2018

Significant Species and Minor Creatures of Interest, Massachusetts Tree Wardens and Foresters Association, January 2018

A Condensed History of Arboriculture, Massachusetts Tree Wardens and Foresters Association, January 2018

Pests and Pathogens of 2017, Massachusetts Tree Wardens and Foresters Association, January 2018

Wires Down-Operating in Storm Conditions, Massachusetts Tree Wardens and Foresters Association, January 2018

Anatomy of a Catastrophic Rigging Failure, Massachusetts Tree Wardens and Foresters Association, January 2018

How Arboricultural Practice Affects the Likelihood of Tree Failure, Massachusetts Tree Wardens and Foresters Association, January 2018

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Forest Health in the Commonwealth, Massachusetts Tree Wardens and Foresters Association, January 2018

Utility Arboretums: Demonstrating Sites for “Plan Before You Plant”, Massachusetts Tree Wardens and Foresters Association, January 2018

Selecting Production Methods That Suit your Urban Planting Objectives, Massachusetts Tree Wardens and Foresters Association, January 2018

Root Friendly Planting Site Design, International Society of Arboriculture, September 2017

Challenges for the Built Environment, International Society of Arboriculture, September 2017

Tree Risk Assessment: A Foundation, International Society of Arboriculture, August 2017

Wildfire and the Role of the Arborist, International Society of Arboriculture, August 2017

Palms: Woody Giants of the Monocots- Part 1, International Society of Arboriculture, August 2017

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

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

Electrical Hazards Awareness Program, North American Training Solutions, March 2017

Emergency Response and Aerial Rescue, North American Training Solutions, March 2017

The Linear Index of Tree Appraisal Model, International Society of Arboriculture, March 2017

Tree Injection: Part 2, International Society of Arboriculture, March 2017

Basic Tree Plumbing: Translocation, International Society of Arboriculture, March 2017

Understanding Tree Responses to Stress Complexes, International Society of Arboriculture, December 2016

What Does Pulling Apart Red Oaks Tell Us About Tree Failure, American Society of Consulting Arborists, December 2016

Mock Deposition, American Society of Consulting Arborists, December 2016

Human Nature: Urban Ecology, American Society of Consulting Arborists, December 2016

Cascades of Tree Response and Recovery Following Injury, American Society of Consulting Arborists, December 2016

Developing an Urban Context to Service Life Expectations for Canopy Management Planning, American Society of Consulting Arborists, December 2016

Million Tree Program: Now What?, American Society of Consulting Arborists, December 2016

Trees and Pavement as Linked Infrastructure Within a Larger Stormwater Management Plan, American Society of Consulting Arborists, December 2016

Alternative Management Tactics and Materials in a Post- Neonicotinoid Era, American Society of Consulting Arborists, December 2016

Heterogeneity in Urban Ecology, American Society of Consulting Arborists, December 2016

Problem Solving Strategies for Compacted Soils, American Society of Consulting Arborists, December 2016

Climate Change and the Impact on Tree- Insect Interactions, Massachusetts Arborists Association, November 2016

Restoration Pruning After Storms, Massachusetts Arborists Association, November 2016

New Management Strategies & Planting Practices in the Urban Forest, Massachusetts Arborists Association, November 2016

Tree Lightning Protection Systems: Part 2, International Society of Arboriculture, November 2016

Preserving Trees During Construction, International Society of Arboriculture, October 2016

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Tree Lightning Protection Systems: Part 1, International Society of Arboriculture, August 2016

Plant Health Care Workshop, Dr. Michael Raupp, International Society of Arboriculture, August 2016

Tree Injection: Part 1, International Society of Arboriculture, April 2016

Bark Traits are Important for Tree Health and Survival, International Society of Arboriculture, April 2016

Safety First: Tips to Help Prevent Job Site Injuries, Massachusetts Arborists Association, March 2016

Gypsy Moth and Winter Moth: Expectations and Management Strategies for the 2016 Season, Massachusetts Arborists Association, March 2016

Safety Starts at the Top, Massachusetts Arborists Association, December 2015

What's Wrong with this Tree?, Massachusetts Arborists Association, December 2015

Tree Climbers and the Z133, Massachusetts Arborists Association, October 2015

How Critters use Bark & Wood as Food, International Society of Arboriculture, August 2015

American Mistletoe: Kissing Under a Parasite, International Society of Arboriculture, August 2015

Identifying Wood Decay & Wood Decay Fungi in Urban Trees, International Society of Arboriculture, August 2015

Adventitious Roots: Occurrence & Management in Urban Trees, International Society of Arboriculture, August 2015

Problems Related to pH, International Society of Arboriculture, August 2015

Plant Traits that Resemble Abiotic Disorders, International Society of Arboriculture, August 2015

Palms: Not Just for the Tropics, International Society of Arboriculture, August 2015

The Arboricultural Misfits: The Biological Classification, International Society of Arboriculture, August 2015

Classified: Conifers & Yews, International Society of Arboriculture, August 2015

Best Practices for Spraying this Season, Massachusetts Arborists Association, May 2015

Biology and Assessment of Callus and Woundwood, International Society of Arboriculture, May 2015

Tree Reduction, Retrenchment, Topping: What's the Difference and Why Does it Matter?, Massachusetts Arborists Association, February 2015

Structural Pruning of Young and Medium Aged Trees: The Hows and Whys, Massachusetts Arborists Association, February 2015

Trees and Turf: Can We Get Along?, Massachusetts Arborists Association, February 2015

Bleeding Cankers & other Game Changers for Tree Health in the Northeast, Massachusetts Arborists Association, February 2015

Symbiosis of Parasites and Epiphytes, International Society of Arboriculture, December 2014

First Aid for Tree Care Professionals, Massachusetts Arborists Association, November 2014

Advanced Twig Anatomy: Part 1, International Society of Arboriculture, November 2014

Advanced Twig Anatomy: Part 2, International Society of Arboriculture, October 2014

Considerations for Installing Cables in Trees, International Society of Arboriculture, October 2014

Invasive Diseases and other Stressors Threatening Our Urban Environment, Massachusetts Arborists Association, September 2014

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Managing trees for Wind Stability, American Society of Consulting Arborists, December 2013
Emerald Ash Borer, American Society of Consulting Arborists, December 2013
Dendrochronology, American Society of Consulting Arborists, December 2013
Assessing the Effect of Off-Center Decay on Movement, American Society of Consulting Arborists, December 2013
Using Finite Element Modeling to Explore Tree Dynamics, American Society of Consulting Arborists, December 2013
Common Decays & Associated Defects, American Society of Consulting Arborists, December 2013
Case Study: A Tree Case That Went to Trial & Verdict, American Society of Consulting Arborists, December 2013
The Registered Consulting Arborist Journey, American Society of Consulting Arborists, December 2013
Working with Municipalities, American Society of Consulting Arborists, December 2013
Working with Landscape Architects, American Society of Consulting Arborists, December 2013
Storm Response Part 4: Unique Aspects, International Society of Arboriculture, December 2013
Overhaul Your Company's Safety Program, Tree Care Industry Association, October 2013
Protect Your Assets: Part 1, International Society of Arboriculture, October 2013
Storm Response Part 3, International Society of Arboriculture, October 2013
Storm Response Part 2, International Society of Arboriculture, August 2013
Storm Response Part 1, International Society of Arboriculture, June 2013
Root Management Challenges on Urban Sites: Human Intervention in Root Development, International Society of Arboriculture, June 2013
Root Management Challenges in Urban Sites, International Society of Arboriculture, May 2013
Certified Tree Care Safety Professional Training Course, Tree Care Industry Association, March 2013
Tree Risk Assessment: Structural Defects & Conditions, International Society of Arboriculture, October 2012
The Latest Diseases Threatening New England Trees, Massachusetts Arborists Association, September 2012
Tree Risk Assessment: Loads & Growth Response, International Society of Arboriculture, September 2012
Trees and Their Environment- Back to Basics: Tree Fertilization, International Society of Arboriculture, May 2012
Trees and Their Environment- Soil Properties: Part 1, International Society of Arboriculture, May 2012
Trees and Their Environment- Soil Properties: Part 2, International Society of Arboriculture, May 2012
Trees and Their Environment- Analyze Before Your Fertilize, International Society of Arboriculture, May 2012
Trees and Their Environment- Slow or Controlled-Release Fertilizers, International Society of Arboriculture, May 2012

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Trees and Their Environment- Flood-Damaged Trees, International Society of Arboriculture, May 2012
Trees and Their Environment- Fertilizing Trees & Shrubs: Part 1, International Society of Arboriculture, May 2012
Trees and Their Environment- Fertilizing Trees & Shrubs: Part 2, International Society of Arboriculture, May 2012
Tree Risk Assessments: Levels of Assessment, International Society of Arboriculture, April 2012
Planting and Early Care: Planting, International Society of Arboriculture, March 2012
Planting and Early Care: Early Care, International Society of Arboriculture, March 2012
Tree Maintenance: Tree Support Systems, International Society of Arboriculture, March 2012
Tree Maintenance: Fertilization, International Society of Arboriculture, March 2012
Tree Maintenance: Lightning Protection Systems, International Society of Arboriculture, March 2012
Plant Health Care: Basics, International Society of Arboriculture, March 2012
Plant Health Care: Practices, International Society of Arboriculture, March 2012
Plant Health Care: Management, International Society of Arboriculture, March 2012
Soil and Water: Trees & Water, International Society of Arboriculture, March 2012
Soils and Water: Soils, International Society of Arboriculture, March 2012
Risk Assessment and Tree Protection: Trees and Construction, International Society of Arboriculture, March 2012
Risk Assessment and Tree Protection: Risk Assessment, International Society of Arboriculture, March 2012
Pruning: Principles of Pruning, International Society of Arboriculture, February 2012
Pruning: Practices and Standards, International Society of Arboriculture, February 2012
Tree Identification: Identification Principles, International Society of Arboriculture, February 2012
Tree Identification: Common Genera, International Society of Arboriculture, February 2012
Tree Identification: Selection, International Society of Arboriculture, February 2012
Diagnosis and Disorder: Abiotic Disorders, International Society of Arboriculture, February 2012
Diagnosis and Disorder: General Diagnosis, International Society of Arboriculture, February 2012
Diagnosis and Disorder: Biotic Disorders, International Society of Arboriculture, February 2012
Tree Biology: Physiology, International Society of Arboriculture, February 2012
Tree Biology: Anatomy, International Society of Arboriculture, February 2012
Advanced Pruning Techniques for New England Trees, Massachusetts Arborists Association, February 2012
What's Wrong with That Tree?, Massachusetts Arborists Association, February 2012
Qualitative Tree Risk Assessment, International Society of Arboriculture, February 2012
Winter Moth in New England, Massachusetts Arborists Association, October 2011
Working the Five-Step Felling Plan, International Society of Arboriculture, October 2011
Tree Rings and the Local Environment, International Society of Arboriculture, August 2011
Challenges for the Built Environment, International Society of Arboriculture, August 2011
Tree Load: Concept, International Society of Arboriculture, April 2011

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Tree Nutrition and Fertilization: Practical Considerations Part 2, International Society of Arboriculture, April 2011
Preventing Chain Saw Injury: The Power of Training, International Society of Arboriculture, March 2011
Tree Nutrition & Fertilization: Practical Considerations Part 1, International Society of Arboriculture, March 2011
Electrical Knowledge, International Society of Arboriculture, March 2011
Making Space for Roots: Tree Planting Options in Urban Areas, International Society of Arboriculture, May 2010
Keep Your Tools Sharp: Honing Your Diagnostic Skills, International Society of Arboriculture, February 2010
So Long Organochlorines and Hello Neonicotinoids, International Society of Arboriculture, December 2009
Limbing and Bucking Felled Trees, International Society of Arboriculture, October 2009
Sap Rot: It Will Let You Down, International Society of Arboriculture, August 2009
The Benefits of Trees, International Society of Arboriculture, August 2009
Emergency Response, International Society of Arboriculture, August 2009
Effect of Root Pruning & Planting Depth on Tree Health, International Society of Arboriculture, July 2009
Allelopathy in Arboriculture, International Society of Arboriculture, July 2009
Can Anyone Calculate Tree Stability?, International Society of Arboriculture, July 2009
Effect of Root Pruning & Planting Depth on Tree Health, International Society of Arboriculture, July 2009
Managing Tree During Construction: Part 2, International Society of Arboriculture, March 2009
Myth Busters: Carpenter Ants in Urban Trees, International Society of Arboriculture, March 2009
Why Trees Turn Color in Autumn, International Society of Arboriculture, March 2009
Unraveling the Web of Soil Microbiology, International Society of Arboriculture, February 2009
Managing Tree During Construction: Part 1, International Society of Arboriculture, February 2009
Tree Worker Safety: Rigging, International Society of Arboriculture, February 2009
Tree Worker Safety: Climbing, International Society of Arboriculture, February 2009
Tree Worker Safety: Safety, International Society of Arboriculture, February 2009
Integrated Pest Management: Tactics, International Society of Arboriculture, February 2009
Integrated Vegetation Management: Best Management Practices, International Society of Arboriculture, February 2009
Managing Risk in the Urban Forest: Part 4, International Society of Arboriculture, February 2008
Managing Risk in the Urban Forest, International Society of Arboriculture, February 2008
Arborist Equipment, International Society of Arboriculture, August 2007
Managing Risk in the Urban Forest: Part 2, International Society of Arboriculture, August 2007
New and Emerging Plant Diseases, Massachusetts Arborists Association, February 2007

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Tree Work: It's High Risk, Not Dangerous, Massachusetts Arborists Association, February 2007
Trees, People and Ecosystems, International Society of Arboriculture, February 2007
Emergency First Aid and CPR for Tree Care Professionals, Massachusetts Arborists Association, November 2006
Winter Moth and Controlling Beneficials, Massachusetts Arborists Association, September 2006
Acid Rain: How it Affects Our Forests & Trees, Massachusetts Arborists Association, April 2006
Designer Sidewalks, International Society of Arboriculture, January 2006
Planting and Transplanting: Best Management Practices, International Society of Arboriculture, January 2006
Insect Concerns for 2006, Massachusetts Arborists Association, October 2005
Caterpillars Gone Wild, Massachusetts Arborists Association, March 2005
Damage & Disorder: Steps to Proper Diagnosis, International Society of Arboriculture, March 2005
Moisture & Disease Development in Woody Plants, Massachusetts Arborists Association, February 2005
The Aging and Decline of Trees: Connecting Life and Death, Massachusetts Arborists Association, February 2005
Rigging Knots, International Society of Arboriculture, August 2004
Plant Health Care: A More Proactive Approach, International Society of Arboriculture, August 2004
ANSI: It's About Saving Lives, International Society of Arboriculture, August 2004
Managing the Top 3 Exotic Tree Pests, Massachusetts Arborists Association, February 2004
Dealing with Hemlock Woolly Adelgid, Massachusetts Arborists Association, February 2004
Gypsy Moth and Browntail Moth: Two Defoliators, Massachusetts Arborists Association, February 2004
Soil Microbes, Roots and Plant Growth, Massachusetts Arborists Association, February 2003
Planning to Survive: A Drought Protection Primer, Massachusetts Arborists Association, February 2003
Soils and the Establishment of Trees, Massachusetts Arborists Association, February 2003
Do Stressful Times for Plants Lead to Good Times, Massachusetts Arborists Association, February 2002
New Technologies in Biological Disease Control, Massachusetts Arborists Association, February 2002
Structural Pruning of Mature Shade Trees, Massachusetts Arborists Association, September 2001
New England Shade Tree Seminar, Massachusetts Arborists Association, July 2001

PROFESSIONAL MEMBERSHIPS

American Society of Consulting Arborists- Member
International Society of Arboriculture
Massachusetts Arborists Association