



Waynesboro Tree Workshop

REVELING IN THE MAGNIFICENCE OF TREES



Friday, September 13, 2024

'Don't Fear the Reaper'- Management, Partnership & Restoration Practices for Trees in Urban Spaces
Best Western Inn & Conference Center - 109 Apple Tree Ln, Waynesboro, VA 22980

7:15 – 7:45 Check-in/Registration- Light refreshments

Reveling Track- Morning Session:

Indoor Lectures

7:45 – 7:50 Welcome / Announcements

7:50 – 8:00 Trees Virginia's Education Mission

8:00 – 9:00 **What We've Learned In 30 Years of Tree Care at Hollywood Cemetery**

➤ *Jake Van Yahres, Van Yahres Tree Company*

9:00 – 10:00 **Restoration & Breeding Efforts of Eastern Ash Species**

➤ *Dr. Jill Hamilton, Pennsylvania State University*

10:00 – 10:15 **B R E A K**

10:15 – 10:45 **A Forest Of Opportunities At Keister Elementary**

➤ *Brooke Imber, Kiester Elementary*

10:45 – 11:15 **Preparing for Beech Leaf Disease in Virginia**

➤ *Dr. Matthew Borden, Plant Pathologist, Bartlett Tree Research Laboratories*

11:15 – 12:15 **The Principles of Young Tree Training**

➤ *John Palmer, Consulting Arborist & Author*

12:15 – 1:45 **LUNCH @ Ridgeview Park Woodland Shelter & Gardens**

Reveling Track- Afternoon Session: Ridgeview Park

Outdoor Demonstrations (30 min. each)

1:45 – 3:30 STATION 1: **Airspade Demonstration & Root Appreciation**

Dylan Kerl, Arborist Representative, Bartlett Tree Services

STATION 2: **Beech Leaf Disease Treatment Protocols**

*Dr. Matthew Borden, Plant Pathologist,
Bartlett Tree Research Laboratories*

STATION 3: **Structural Pruning- Principles Meet Reality**

John Palmer, Consulting Arborist & Author

Directions to Ridgeview Park from the Best Western Conference Center

Exit the Conference center turn RIGHT onto LEW DEWITT BLVD at the stoplight turn LEFT onto Rosser Ave. After the cemetery at the stoplight, turn RIGHT onto 13th Street. At the first stop sign turn, RIGHT onto Magnolia Ave. Magnolia dead-ends into Ridgeview Park. Walk past playground to Woodland Shelter for lunch.

Arborist Track – 8am to 3:30pm – (Separate Registration)

ArborMaster® – Chainsaw Safety & Proper Felling Techniques
Waynesboro, VA – Outdoor Instruction

Ridgeview Park

700 S Magnolia Ave.





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8:00 – 9:00 **What We've Learned In 30 Years of Tree Care at Hollywood Cemetery**

Jake Van Yahres, Arborist & Co-owner, Van Yahres Tree Company

Quite often as arborists, we care for the trees on a property but may not return until years later, if at all. Over the last 30 years, we have had the privilege and challenge of preserving all 2,500+ trees of the historic Hollywood Cemetery in Richmond, Virginia on an annual basis. Caring for them each year has allowed us to not only witness what techniques work but experiment with new ideas and technologies along the way. From customizing technology to make tree management and planting more efficient, to experimenting with wood chips as mulch, we look forward to sharing our results and pictures over 30 years in helping Hollywood Cemetery become one of the few Level 1 Arboretums in the state, also known as a museum of trees.

9:00 – 10:00 **Restoration & Breeding Efforts of Eastern Ash Species**

➤ *Dr. Jill Hamilton, Director, Schatz Center in Tree Molecular Genetics, PSU*

In collaboration with several federal, state, NGO, and academic institutions Dr. Hamilton's research group is contributing to a region-wide restoration and breeding efforts for five of the most crucially threatened trees of the Eastern deciduous forest. Broadly, the goal of this research will be to link genotype with phenotype across environments to inform breeding and restoration efforts related to the preservation of foundational ash species.

10:15 – 10:45 **A Forest Of Opportunities At Keister Elementary**

➤ *Brooke Imber, Art Teacher, Keister Elementary School*

Keister Elementary's Outdoor Learning Spaces: Learn about how multiple Harrisonburg community organizations came together to create the Enchanted Forest and Mindfulness Meadow. Spaces created include a classroom sized stick fort, Adventure Avenue, Stump School, the Fairy Forest, a circular seating discussion space, the Hammock Haven, and a labyrinth.

10:45 – 11:15 **Preparing for Beech Leaf Disease in Virginia**

➤ *Dr. Matthew Borden, Plant Pathologist, Bartlett Tree Research Laboratories*

Beech leaf disease continues to spread in Virginia, with recent findings in NOVA, the Fredericksburg area, and east of Richmond. A team at the Bartlett Tree Research Laboratories has been at the forefront of management research, developing new novel treatment programs that target the nematode causal agent. We will discuss the current results so you will know what options are available in Virginia and tools may be needed when BLD reaches beech trees in your area.

11:15 – 12:15 **The Principles of Young Tree Training**

➤ *John Palmer, Consulting Arborist & Author*

Foundational structural pruning can save time, money & heartache throughout the life of a tree. This presentation will cover the principles of young tree training and how they can be integrated into tree planting efforts to ensure sustainable canopy coverage throughout our communities. Principles will be put into practice during the afternoon outdoor session at Ridgeview Park.





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Speaker Bios:

'Don't Fear the Reaper' - Management, Partnership & Restoration Practices for Trees in Urban Spaces

Jake Van Yahres, Arborist & Co-owner, Van Yahres Tree Company

Growing up within walking distance of your family's tree company of three generations may create a natural lineage for most children. I walked the opposite direction. It wasn't until years later, after discovering the competitive nature of tree climbing and tree's value towards the changing climate, did I realize the possibilities for the industry. In the 100th year of operation, my sister and I bought the company from our father to preserve Virginia's trees in the most innovative and environmentally-friendly way possible.

Dr. Jill Hamilton, Director of Schatz Center for Tree Molecular Genetics; Associate Professor, PSU

Dr. Jill Hamilton is an associate professor and Ibberson Chair in Silvicultural research within the Department of Ecosystem Science & Management at Penn State University. In addition, Dr. Hamilton is the Director of the Schatz Center in Tree Molecular Genetics where she operates her own research lab on plant evolutionary and ecological genetics.

Brooke Imber, Art Teacher, Kiester Elementary

Brook is an art teacher and community advocate for the importance of outdoor learning. She has led multiple initiatives in creative learning including her latest project of a series of outdoor classrooms funded by the Virginia Department of Forestry, US Forest Service and in partnership with the Harrisonburg Department of Public Works.

Dr. Matthew Borden, Plant Pathologist, Bartlett Tree Research Laboratories

Matt is a plant pathologist at the Bartlett Tree Research Laboratories in Charlotte, NC. He has practical experience in orchard and botanical garden pest management, plant problem diagnostics, and horticulture writing. He gained a deep appreciation for integrated pest management while at Virginia Tech, followed by studies in landscape health and management strategies at the University of Florida.

John Palmer, Consulting Arborist & Author

John Palmer is a Board Certified Master Arborist® recognized by the International Society of Arboriculture, Consulting Arborist, Tree Risk Assessment Qualified by ISA, and a retired landscape company owner. His areas of expertise include proper pruning and planting practices, young tree training, tree biology, and healthy root system development, with a focus on trees in urban and construction environments. He is an author and speaker on subjects including Advanced Arboriculture, The Urban Forest Myth?, Deforestation By Design®, and Trees, Science, and Sustainability. He trains Arborists, Nursery and Landscape professionals, Engineers, and Landscape Architects on proper standards and BMP's of tree care.

Dylan Kerl, Local Manager, Bartlett Tree Experts

Dylan has been with Bartlett Tree Experts since 2013. A second generation arborist, he grew up with trees and plants as part of the family business. A childhood spent in nature led to studies in outdoor leadership at Warren Wilson College, where he worked for the campus tree crew tending to the college's urban forest. Dylan is a Certified Arborist with over a decade of experience in trees. He serves Amherst, Nelson and Rockbridge Counties as well as Waynesboro and Stuarts Draft and is excited to work with both new and established Bartlett customers.





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Friday, September 13, 2024

Arborist Track – ArborMaster® Instruction

Arborist Track – 8am to 3:30pm – (Separate Registration)

ArborMaster® – Chainsaw Safety & Proper Felling Techniques
Waynesboro, VA – Outdoor Instruction

Ridgeview Park
700 S Magnolia Ave.

Course Description:

The participants will be educated and trained in modern tree felling techniques; and learn a systematic method to plan the operation and skillfully work the plan. Methods that maximize use of leverage, mechanical advantage, and ergonomics, as they relate to precision tree felling and chainsaw handling, will be taught, demonstrated, and practiced. This course will teach planning, risk assessment and skill development to increase safety, skill and productivity.

Condensed Course Content:

Safety and Risk Management

o Risk Management, HOPE, Personal Protective Equipment, Command Response Communication System, Emergency Preparedness

Chainsaw Operation/Handling

o Chainsaw Selection, Chainsaw Safety Features, Starting Techniques, Cutter Design and Reactive Forces

Chainsaw Cutting Methods

o History and Development of the Face Notch and Back Cut, Function of Hinge Wood, Precision Cutting Methods, Limbing and Bucking Techniques. Compression, Tension and Torsion

Felling Procedures

o Five step felling plan, Tree felling, Pull lines, Wedges, Mechanical Advantage

Chainsaw Maintenance

o Preventative Maintenance, Sharpening and Bar Maintenance

