

Monday Schedule

REGISTRATION OPENS AT 7:30 AM
TRADE SHOW OPEN & BREAKFAST

Lobby
Freedom Hall B

General Sessions

Freedom Hall A

8:30 am Opening Ceremonies

9:00 am **Arboriculture by the Numbers**

Dr. John Ball

Tree worker is one of the highest risk professions in the US today with a fatality rate 10 to 15 times that of the all-industry average. This session will be a count-down of the ten events that cause the greatest number of fatalities beginning with manual tree felling and climbing and progress to chain saws and stump grinders. Most important will be a discussion of the standards in the Z133 that if they had been followed would have altered the outcome.

Speaker Bio: John Ball is a professor at South Dakota State University where he instructs courses in arboriculture, emergency medical services, and forestry. He also serves as the state's forest health specialist and extension forestry specialist. Dr. Ball is also a campus arborist. Before coming to South Dakota, he managed tree care companies in the Midwest and the East.

Credits: Cert. Arborist 1; Ut - 0; TW - 1; Mun - 1; BCMA = S - 0, P - 0, M - 1

10:00 am **An OSHA Tree Care Regulation is Coming - Are You Ready?**

Jeffrey Ritter &
Shawn Rinaldi

Currently, there is no OSHA standard for tree care operations; the agency currently applies a patchwork of standards to address the serious hazards in this industry. The tree care industry previously petitioned the agency for rulemaking and OSHA issued an Advanced Notice of Proposed Rulemaking (ANPRM) (September 2008). OSHA completed a Small Business Regulatory Enforcement Fairness Act (SBREFA) panel in May 2020, collecting information from affected small entities on a potential standard, including the scope of the standard, effective work practices, and arboricultural specific uses of equipment to guide OSHA in developing a rule that would best address industry safety and health concerns. Tree care continues to be a high-hazard industry.

Speaker Bio: Jeffrey Ritter - OSHA Inspector

Speaker Bio: Shawn Rinaldi - OSHA Inspector

Credits: Cert. Arborist 1; Ut - 0; TW - 1; Mun - 1; BCMA = S - 0.5, P - 0.5, M - 0

General Sessions (Continued)

Freedom Hall A

11:00 am

Overhead Powerline: Our Sword of Damocles

Dr. John Ball

Just as Damocles hanging sword was a reminder of ever-present danger from above, overhead powerlines are our equivalent as tree workers. Overhead powerlines are commonly found along and within trees we work on, yet the risk is not well understood or appreciated. This session will cover the hazards of electricity, what are the most common incidents, both aerial and ground, and new regulations for the different categories of tree workers.

Speaker Bio: John Ball is a professor at South Dakota State University where he instructs courses in arboriculture, emergency medical services, and forestry. He also serves as the state's forest health specialist and extension forestry specialist. Dr. Ball is also a campus arborist. Before coming to South Dakota, he managed tree care companies in the Midwest and the East.

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LUNCH ON THE TRADE SHOW FLOOR

Freedom Hall B

**Lunch is sponsored by the
Bartlett Tree Experts**



Monday Breakout Sessions

Tree Worker Sessions

Freedom Hall B

1:00 pm

Tree Care and Electricity

Dr. John Ball & Aaron Feather

This session will discuss the common interactions and safety procedures found in regular tree care operations. A portion of this session will be set aside for questions.

Speaker Bio: John Ball is a professor at South Dakota State University where he instructs courses in arboriculture, emergency medical services, and forestry. He also serves as the state's forest health specialist and extension forestry specialist. Dr. Ball is also a campus arborist. Before coming to South Dakota, he managed tree care companies in the Midwest and the East.

Speaker Bio: Aaron Feather is the Safety Training Director at Cumberland Valley Tree Service and Landscaping. He is an ISA Certified Arborist and a CTSP with TCIA. Aaron has 11 years in the industry as a tree care foreman, is a past winner of the Penn-Del Chapter's tree climbing competition, is a TCIA certified instructor in the areas of EHAP, Aerial Rescue, Aerial Lifts, Compact Lifts, Tree Climbing, and SRT Tree Climbing. He's the father of 3 and the husband of 1.

Credits: Cert. Arborist 1.5; Ut - 1.5; TW - 1.5; Mun - 1.5; BCMA = S - 0, P - 1.5, M - 0

2:45 pm

Live Wire Demonstration

Doug Haupt

The exhibit is a 7,200-volt electrical distribution grid that features live electrical wires, utility poles and transformers. Using ladders, gloves, shovels and other tools in a controlled environment, trained PPL staff wearing protective equipment will recreate sparks, flames, smoke and crackling that occurs when those items come in contact with live electrical lines. They'll also show what occurs when a tree branch and a Mylar balloon contact wires.

Speaker Bio: Doug Haupt has been with PPL for over 32 years. He provides damage prevention, investigations, and safety presentations to various groups and organizations.

Credits: Cert. Arborist 1; Ut - 1; TW - 1; Mun - 1; BCMA = S - 0.5, P - 0.5, M - 0

Continued...

Monday Breakout Sessions

(continued)

Plant Health Care Sessions

Freedom Hall A

1:00 pm

Oak Decline, Oak Wilt, & Beech Leaf Disease

Jill Rose

This session will cover the rise in oak decline, oak wilt, and beech leaf disease in Pennsylvania and the mid-Atlantic region. Jill will also touch on a new threat to the landscape, laurel wilt.

Speaker Bio: Jill Rose is the Pennsylvania State Forest Pathologist with the PA DCNR Bureau of Forestry since September 2019. Prior to this, she was the Forest Health Programs Manager and state forest pathologist for the West Virginia Department of Agriculture, Plant Industries Division for 17 years.

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PA Categories = PC - 2; 05 - 1; 06 - 1; 18 - 2; 23 - 2 / DE Categories = 02 - 1; 03 - 1; 06 - 1

2:00 pm

They Come from Afar: Invasive Pests on the Doorstep

Mike Raupp

A global economy spawns a global biota. We will discuss where emerging new pests originate and why we have an ongoing stream of new invasive insects arriving in our landscapes and forests. Learn the biology, ecology, and management of several newly invasive pests including crepemyrtle bark scale, box tree moth, euonymus leaf notcher, zig zag sawfly, sirex wood wasp, red-bay borer, and others. Regional distributions, diagnostic clues, and damage potential will be reviewed.

Speaker Bio: Mike Raupp is Professor Emeritus at the University of Maryland. He has received more than a dozen international, national, and regional awards for writing, scholarship, and scientific outreach. Mike has appeared on all major television and radio networks in this country and several abroad with luminaries including Jay Leno, Hoda Kotb, and Dr. Oz. His "Bug of the Week" website, www.bugoftheweek.com, and YouTube channel, www.youtube.com/user/BugOfTheWeek, reach tens of thousands of viewers weekly in more than 200 countries around the world. His most recent book, "26 Things That Bug Me", introduces youngsters to the wonders of insects and natural history while "Managing Insect and Mites on Woody Landscape Plants" is a standard for the arboricultural industry.

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PA Categories = PC - 2; 05 - 1; 06 - 1; 18 - 2; 23 - 2 / DE Categories = 02 - 1; 03 - 1; 06 - 1

Continued...

Monday Breakout Sessions

(continued)

Plant Health Care Sessions (cont.)

Freedom Hall A

3:00 pm

Wood Rot and Decay

Vinnie Cotrone

This session will cover wood rot, root rot, and other common tree decay issues that arborists need to be aware of and on the lookout for.

Speaker Bio: Since 1991 Vinnie has worked for Penn State University as a Regional Urban Forester and educator covering 18 counties in Northeastern Pennsylvania. He has worked with many municipalities and organizations to develop community forestry programs and the green industry providing technical assistance and educational programming. More recently he has worked with municipalities and engineers on green infrastructure projects to manage urban stormwater.

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PA Categories = PC - 2; 05 - 1; 06 - 1; 23 - 2 / DE Categories = 02 - 1; 7B - 1

Utility/Municipal Sessions

Commonwealth 4

1:00 pm

Integrated Vegetation Management Best Management Practices

Kieran Hunt

In 2021, the ISA's Best Management Practices guide for Integrated Vegetation Management was revised and expanded by author Randall H. Miller. The BMP is based on the 2018 revision of ANSI A300 Part 7, Integrated Vegetation Management. This presentation summarizes the BMP, including how herbicides can be included in a comprehensive program to reduce costs and improve environmental performance. It will also include information on the new companion guide to the IVM BMP: "Managing Compatible Vegetation for Targeted Species and Biodiversity."

Speaker Bio: Kieran is the Digital Engagement Lead with Asplundh's Digital Innovation team. He is responsible for bridging the gap between digital work management solutions and field operations. Asplundh Digital Innovation utilizes modern technology to greatly enhance the effectiveness and cost efficiency of utility vegetation management programs. Hunt has a background in municipal and utility tree management, GIS, and urban forestry. He is an ISA Certified Arborist Utility Specialist and New Jersey Licensed Tree Expert with a Bachelor of Science degree in ecology from Rutgers University.

Credits: Cert. Arborist 1; Ut - 01; TW - 1; Mun - 1; BCMA = S - 0.5, P - 0.5, M - 0

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Continued...

Monday Breakout Sessions

(continued)

Utility/Municipal Sessions (cont.)

Commonwealth 4

2:00 pm

Am I Prepared for the Next Storm?

Kieran Hunt

Storm frequency and severity is increasing across North America. Utilities, municipalities, and other entities managing urban and community forests are challenged to manage conflicts between trees and human infrastructure in a changing climate. This talk will focus on proactive vs reactive storm management, target and risk assessment, hardening, pre-storm assistance agreements, and other methods to prepare for major storm events. Special focus will be placed on digital tools to use data and business intelligence to harden infrastructure against storm-caused tree failures using mapping, machine learning, and innovative analysis of past storm events.

Speaker Bio: Kieran is the Digital Engagement Lead with Asplundh's Digital Innovation team. He is responsible for bridging the gap between digital work management solutions and field operations. Asplundh Digital Innovation utilizes modern technology to greatly enhance the effectiveness and cost efficiency of utility vegetation management programs. Hunt has a background in municipal and utility tree management, GIS, and urban forestry. He is an ISA Certified Arborist Utility Specialist and New Jersey Licensed Tree Expert with a Bachelor of Science degree in ecology from Rutgers University. Industry Team. These include sessions to help participants obtain and maintain professional certifications such as Certified Arborist and PA Licensed Pesticide Applicator; plant identification and usage; and identifying and managing plant problems.

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3:00 pm

The Role and Functions of Tree Commissions

Bill Elmendorf

This presentation will provide a short history of tree commissions and an overview of enacting a municipal tree commission in Pennsylvania including common authorities and duties. The talk will also provide tree and landscape planning and management examples from both the State College and Penn State University Tree Commissions. After the talk, plenty of time will be provided for questions and answers and engagement with the audience.

Speaker Bio: Bill Elmendorf is the Joseph Ibberson Professor of Community Forestry at Penn State University. He teaches Urban Forest Management and Human Dimensions of Natural Resources at PSU. His research interests surround conserving natural resources in land conversion and development. He has authored numerous articles on urban forest planning and management. Bill provides leadership for the state-wide Penn State Extension Urban Forestry Program and has been Chair of the State College Tree Commission, current Chair of the Penn State University Tree Commission, and is a Past-President of the Penn-Del Chapter of the ISA.

Credits: Cert. Arborist 1; Ut - 0; TW - 1; Mun - 1; BCMA = S - 0, P - 0, M - 1

Monday Evening Activities

4:00 pm **Trade Show Open** **Freedom Hall B**

4:00 pm **Penn-Del Chapter Business Meeting** **Freedom Hall A**

4:30 pm **Beef & Beer Banquet** **Freedom Hall B**

Join us on the trade show floor for our annual Beef & Beer banquet. Spend time networking, socializing, and visiting with our exhibitors.

**Thank you to the Asplundh Tree Expert Company
for sponsoring this year's Beef & Beer!**



Tuesday Schedule

REGISTRATION OPENS AT 8:00 AM
TRADE SHOW OPEN & BREAKFAST

Freedom Hall B
Freedom Hall B

Tuesday Breakout Sessions

Tree Worker Sessions

Freedom Hall B

9:00 am **Aerial Rescue** Mark Chisholm

This session will cover the importance of aerial rescue training and how to implement it into your company practices.

Speaker Bio: Mark Chisholm is a third-generation, ISA Certified Arborist with his family-owned Aspen Tree Expert Company located in New Jersey. Mark has won three International Tree Climbing Championships, he's a sought after consultant and spokesperson for the world of arboriculture, and he regularly conducts educational sessions on behalf of Stihl, Inc.

Credits: Cert. Arborist 1; Ut - 0; TW - 1; Mun - 1; BCMA = S - 0, P - 0, M - 1

10:00 am **Longevity as an Arborist** Mark Chisholm

This session will cover the impact that tree climbing has on our bodies. Mark will discuss techniques and practices to help ensure that we are able to continue climbing.

Speaker Bio: Mark Chisholm is a third-generation, ISA Certified Arborist with his family-owned Aspen Tree Expert Company located in New Jersey. Mark has won three International Tree Climbing Championships, he's a sought after consultant and spokesperson for the world of arboriculture, and he regularly conducts educational sessions on behalf of Stihl, Inc.

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Business/Commercial Sessions

Commonwealth 4

9:00 am **Commercial Insurance: Current Trends & Safety** Ed Barker

Our session will consist of Commercial Insurance coverages to include Workers Compensation specific to Arborist. It will also include specific Safety issues and considerations from an Insurance companies point of view.

Speaker Bio: Ed Barker is a Certified Insurance Counselor (CIC) with Amerisafe General Agency Incorporated. He is a graduate of East Stroudsburg University and served our country as a US Army Ranger from 1984-1988. Dan has worked as a commercial insurance agent for 29 years, specializing in construction and arborists.

Credits: Cert. Arborist 1; Ut - 0; TW - 1; Mun - 1; BCMA = S - 0, P - 0, M - 1

Continued...

Tuesday Sessions

(continued)

10:00 am **Digital Marketing** Bruce Gunacti

This session will discuss current trends in marketing your tree care business using digital media and how digital marketing can help your business.

Speaker Bio: Bruce Gunacti is the CEO of Cool Nerds Marketing, a dynamic marketing agency that specializes in helping small to medium-sized businesses achieve their goals. With extensive experience in the advertising and marketing industry, Bruce is dedicated to delivering high-quality results and a positive return on investment for his clients. With a passion for excellence and customer service, Bruce leads his team with a focus on delivering the best possible outcomes for each and every client.

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General Sessions

Freedom Hall A

11:00 am **Best Practices for Handling a Pesticide Spill** Genevieve Christ

This presentation will go over the steps and procedures one needs to follow to safely control, contain, and clean up a pesticide spill. Including mandatory actions and best practices.

Speaker Bio: Genevieve received a Bachelor of Science Degree in Agricultural Science from Penn State and a Master of Science Degree in Agronomy from Iowa State. She is employed with Penn State Extension's Pesticide Education Program as an Extension Educator. She is involved with K – 12th grade education and outreach, pesticide safety, presentations, and other related educational activities. She is a certified Public Pesticide Applicator. Prior to working for the Pesticide Education Program, she spent two years as a Penn State Extension Nutrient Management Specialist and four years working for Conservation Districts as an Agricultural Conservation Specialist. She also has experience with pesticide sales, research, and safety.

Credits: Cert. Arborist 1; Ut - 1; TW - 1; Mun - 1; BCMA = S - 1, P - 0, M - 0

PA Categories = Core - 2 / DE Categories = 02 - 1; 03 - 1; 06 - 1; 7B - 1

Continued...

Tuesday Sessions

(continued)

LUNCH ON THE TRADE SHOW FLOOR

Freedom Hall B

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General Sessions

Freedom Hall A

1:00 pm

Organic, Reduced-Risk, and Conventional Approaches for Managing Native and Naturalized Insect and Mite Pests

Mike Raupp

In light of concerns about risks to beneficial insects including pollinators and natural enemies, jurisdictions around the country are placing new restrictions on several insecticides commonly used by the green industries. This presentation will discuss reasons for some of these new laws and what commonly used insecticides are affected. We will review the biology and progress in the wooly adelgid and chronic native pests like glomy scale and oak lecanium scale using conventional, reduced-risk, and organic pesticides. Biologically-based alternatives for managing key pests will also be presented.

Speaker Bio: Mike Raupp is Professor Emeritus at the University of Maryland. He has received more than a dozen international, national, and regional awards for writing, scholarship, and scientific outreach. Mike has appeared on all major television and radio networks in this country and several abroad with luminaries including Jay Leno, Hoda Kotb, and Dr. Oz. His "Bug of the Week" website, www.bugoftheweek.com, and YouTube channel, www.youtube.com/user/BugOfTheWeek, reach tens of thousands of viewers weekly in more than 200 countries around the world. His most recent book, "26 Things That Bug Me", introduces youngsters to the wonders of insects and natural history while "Managing Insect and Mites on Woody Landscape Plants" is a standard for the arboricultural industry.

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Categories = PC - 2; 05 - 1; 06 - 1; 18 - 2; 23 - 2 / DE Categories = 02 - 1; 03 - 1; 06 - 1

Continued...

Tuesday Sessions

(continued)

General Sessions

Freedom Hall A

2:00 pm

Pesticide Safety Trivia

Genevieve Christ

This will be an interactive safety trivia presentation that quizzes the audience on pesticide toxicity, PPE, storage, labels, formulations, first aid, laws, and the environment. Get a team together for this game show style session!

Speaker Bio: Genevieve received a Bachelor of Science Degree in Agricultural Science from Penn State and a Master of Science Degree in Agronomy from Iowa State. She is employed with Penn State Extension's Pesticide Education Program as an Extension Educator. She is involved with K – 12th grade education and outreach, pesticide safety, presentations, and other related educational activities. She is a certified Public Pesticide Applicator. Prior to working for the Pesticide Education Program, she spent two years as a Penn State Extension Nutrient Management Specialist and four years working for Conservation Districts as an Agricultural Conservation Specialist. She also has experience with pesticide sales, research, and safety.

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PA Categories = Core - 2 / DE Categories = 02 - 1; 03 - 1; 06 - 1; 7B - 1

Attendees can expect to earn up to:

6 Certified Arborist CEU's on Monday

5 Certified Arborist CEU's on Tuesday

4 Pennsylvania Core Credits on Tuesday

4 - 8 PA Category credits total (depending on category)

6 Delaware Category Credits total

CEU Abbreviation Key:

ISA: Cert. Arborist = ISA Certified Arborist

TW = Certified Tree Worker

BCMA = Science

Ut = Utility Specialist

Mun = Municipal Specialist

= Practice

Pennsylvania Pesticide Categories:

= Management

PC = Private Applicator

05 = Forest Pest Control

06 = Ornamental and Shade Trees

10 = Right-of-way and Weeds

18 = Demonstration and Research

23 = Park and School Pest Control

Delaware Pesticide Categories:

02 = Forest

03 = Ornamental & Turf

06 = Right-of-Way

7B = Wood Destroying Pest Control