

2022 MTWFA Annual Conference Detailed Agenda



Tuesday January 11, 2022

CEUs: Full Day Required: MQTW(3), MCA(2 Education), SAF(2.5 Cat 1, 1.5 Cat 2)

8:00-8:30 Login - to help with any technical issues, the webinar will be available for you to login at 7:30am

8:30-9:25 MTWFA Annual Meeting & Massachusetts Department of Conservation and Recreation Update—Julie Coop and Nicole Keleher - *CEUs: ISA(.25)*

Abstract: Julie Coop, Massachusetts DCR Urban & Community Forestry Coordinator will provide an overview of the State's Urban and Community Forestry Program and will briefly touch on some of its program highlights. Nicole Keleher, DCR Forest Health Director, will discuss the major forest health concerns and highlights in 2021, what to expect in 2022, and potential future invaders to look out for.

Speaker Info: Julie Coop works for the Department of Conservation and Recreation (DCR) and is the State Urban and Community Forestry Coordinator. With DCR since 2010, Julie has worked with both the Asian Longhorned Beetle Reforestation and the Cooperative Eradication Programs in Worcester and Boston. Julie came to DCR after a long career at the Arnold Arboretum. She is a certified arborist with ISA and MAA, is a qualified tree risk assessor, and a past president and current certification liaison of the New England Chapter, International Society of Arboriculture (ISA). Nicole Keleher is the Forest Health Director with the Massachusetts Department of Conservation and Recreation (DCR). She works on statewide projects investigating and addressing the impacts of insects and diseases on Massachusetts' forests.

9:30-10:20 KEYNOTE Part 1—The Individual and Wellness—Managing the Stress of a New World—Jon Wortmann - *CEUs: ISA(.75)*

Abstract: To manage stress in the new world as a tree care professional, you have to be ready. Changing expectations, weather disasters, resident complaints: These are just a few of the challenges that can take away from the pleasure of the work. The good news is that every stress and trigger can be managed using the new discoveries of brain science. Lead by bestselling author of Hijacked by Your Brain, Jon Wortmann, participants will learn how to measure stress, the interventions that slow or curtail its impacts, and how to make your body and brain more resilient in the face of daily struggles. Every audience member will leave with immediately applicable ways to start feeling better.

Speaker Info: Jon Wortmann is an executive and mental coach, trainer, and speaker. He has delivered more than 3000 live presentations and workshops. His present research focuses on the role of brain health in sports and executive performance and the behaviors that build trust in organizations and public life.

10:25-10:55 BREAK

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11:00-11:50 Insect Pests of Trees and Shrubs: 2021 Updates –Tawny Simisky - CEUs: Pest(1), ISA(.75)

Abstract: You can always count on insects feeding on trees and shrubs in our landscapes! As usual, there were some interesting insects and insect relatives reported by professionals and property owners in Massachusetts this year. This presentation will cover updates for need-to-know invasives as well as interesting native insects seen in 2021, time permitting. Accurately identifying insects is the first step in determining proper management strategies, also to be mentioned.

Speaker Info: Tawny Simisky is a Woody Ornamental Entomologist with UMass Extension and the interim team leader of the Landscape, Nursery, and Urban Forestry Program. She develops resources and implements educational programs for landscape professionals, arborists, and grounds managers. She provides entomological and diagnostic support to the UMass Plant Diagnostics Lab. Prior to this position, she worked with the Massachusetts Department of Conservation and Recreation (DCR) Forest Health Program where she was involved with the eradication of the Asian longhorned beetle, monitoring the emerald ash borer, hemlock woolly adelgid, and other forest pests throughout the state. She earned her M.S. Degree in Ecology and Environmental Science with a focus on Entomology from the University of Maine, Orono. While at UMaine, her research focused on biosurveillance to monitor for the invasive emerald ash borer (*Agrilus planipennis*) using a native, ground-nesting and non-stinging wasp, *Cerceris fumipennis*, also known as the smoky-winged beetle bandit. Prior to her master's work, Simisky earned both a Bachelor of Science in Biology and Environmental Science from Westfield State University in Westfield, MA.

11:55-12:55 BREAK FOR LUNCH

1:00-2:00 KEYNOTE Part 2—The Team and Professional Development: The Happy Employee of the Future—Jon Wortmann - CEUs: CTSP(1), ISA(1)

Abstract: The happy employee of the future is not just going to show up, do their job, and collect a check. In the world of tree care professionals, every generation needs a new form of engagement with their organization and leadership. Questions explored in this workshop include: How do I communicate with difficult people? How do I give feedback to my team? My boss? What is the role of mentoring and succession planning in the new world? What kind of development does every professional need at different stages of a career? Bestselling author of *Mastering Communication at Work* (Second Edition), Jon Wortmann will dig into these topics, so audience members know how to create the best environment for their teams today and in the future.

Speaker Info: See Above

2:05-2:45 BREAK

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2:50-3:40 Training Today's Arboricultural Workforce for Tomorrow's Challenges—Ed Carpenter - CEUs: CTSP(1), ISA(.75)

Abstract: Training can greatly impact the safety and efficiency of the arboricultural workforce and is becoming more of a priority across the industry. So much so that the ANSI Z133 Safety Standards for Arboricultural Operations is looking to address training in the next revision. This presentation will outline the work of the Training Task group that has been working to determine how to best include training in the standard and how that may influence the future OSHA Tree Care Operations standards.

Speaker Info: Edgar Carpenter, President, CEO and owner of North American Training Solutions Inc., has a true passion for empowering others with the resources needed to safely perform their jobs so at the end of the day, everyone returns safely home. With over 24 years of experience in the arboriculture, forestry and vegetation management industries, Ed has continued to pursue his personal mission to inspire people to make a positive change. Ed often says, "I like trees, and I like people, but I love tree people."

3:45-4:15 UMass Stockbridge School and Urban Extension Update—Kristina Bezanson and Dr. Rick Harper

Abstract: Kristina Bezanson will talk about educational opportunities at Stockbridge School of Agriculture at UMass, Amherst. Hear about the new online certificate in Arboriculture and Urban Forestry to our Associate of Science, Bachelor of Science, and Master & Ph.D. degree offerings. Looking for partners to hire our students for internships starting in April and run until the end of summer. Rick Harper will talk about the latest research & outreach from the UMass Urban Forestry Extension program including the investigation of community wood banks and ongoing elm restoration work.

Speaker Info: **Kristina Bezanson** focuses on sustainable landscape management and design and municipal arboriculture. Kristina is an ISA BCMA, Municipal Specialist, TRAQ, and a Massachusetts Certified Arborist. Kristina is the program advisor and lecturer for the A.S. in Arboriculture and Community Forest Management degree at the Stockbridge School of Agriculture at UMass Amherst and the online certificate in Arboriculture and Urban Forestry with the Department of Environmental Conservation, UMass, Amherst. Kristina works part-time with Garden & Forest Consulting, focusing on sustainable horticulture and tree risk management. **Richard W. Harper, PhD**, is an Extension Associate Professor of Urban & Community Forestry @ the University of Massachusetts Amherst. Rick is a Past-President of the International Society of Arboriculture - New England Chapter (NEC ISA) and is an ISA Board Certified Master Arborist. He currently teaches courses in urban & community forestry and human dimensions of natural resources and administers an applied integrated research and extension program in urban forestry. He received his Ph.D. in Forest Resources-Arboriculture from UMass, an MS in Entomology from the University of Nebraska Lincoln. He is a recipient of ISA's 'Early Career Scientist' award and the 'Public Education Award' from Tree Canada.

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Wednesday, January 12, 2022

CEUs: Full Day Required: MQTW(2), MCA(2 Education), SAF(2.5 Cat 1, 0.5 Cat 2)

8:30-9:00 Login - to help with any technical issues, the webinar will be available for you to login at 8:00am

9:05–9:55 Long Term Planning with Successional Planting Strategies—Andrew Balon - *CEUs: ISA(.75)*

Abstract: Tree managers are faced with making critical decisions to their tree canopy on a daily basis. In this talk we will look into how these decisions effect the overall tree canopy. Successional planting strategies will be reviewed to improve upon factors such as tree diversity, age class demographics and public perception.

Speaker Info: Growing up in Lincoln, RI, Andrew worked on a Christmas tree farm throughout high school. Following his interest in plant ecology, he enrolled at the University of Rhode Island to pursue a career in arboriculture. In addition to his intensive coursework, Andrew worked at the Kinney Azalea Gardens in Kingston, RI and interned at Harvard University's Arnold Arboretum to develop his skills as an arborist. After graduating magna cum-laude from URI with a degree in Urban Horticulture, Andrew started his own organic arboriculture business. Attracted to Bartlett's scientific approach to plant care, he joined the Bartlett team in 2011. He currently lives in Rhode Island with his three dogs Doc, Booker, and Stella.

10:00-10:55 BREAK

11:00-11:50 Human Performance and Resilience for Arborists—Ed Carpenter - *CEUs: CTSP(1), ISA(.75)*

Abstract: In this talk we will explore the hidden drivers of human performance and resilience, and the impact they have on arborist's safety . NATS defines safety resilience as a worker's capacity to prepare for, recover from, and adapt in the face of stress, challenge, or adversity. NATS uses HeartMath®'s groundbreaking research, pioneered in the 1990's and published in over 397 peer reviewed publications, to help clients build safety resilience. HeartMath has extensively researched the physiological aspects of the quality of the neuro signals sent between the heart and the brain of the human body and how these signals impact workers' ability to work safely, manage risk, and perform optimally as arborists both on and off the job.

Speaker Info: See Above

11:55-12:45 BREAK FOR LUNCH

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12:50-1:50 Tree Warden Panel - CEUs: ISA(1)

Abstract: Join us for an open Q&A with regional tree wardens.

Speaker Info: MODERATOR: Dave Hawkins NORTHEASTERN REGION: Lisa DeMeo, Salisbury, MA; SOUTHEASTERN REGION: Jeremiah Pearson, Falmouth, MA; CENTRAL REGION: Paul Raskevitz, Athol, MA; WESTERN REGION: Scott Hathaway, Westfield, MA

1:55-2:45 Trees and Shrubs in the Landscape: 2022 Disease Review—Nicholas J. Brazee, PhD - CEUs: Pest (1), ISA(.75)

Abstract: Dr. Brazee will cover the most important diseases affecting landscape trees and shrubs over this past year. Specific topics will include vascular wilt diseases, maple anthracnose, shoot tip blight of red oak, and various other diseases that were observed in 2021.

Speaker Info: Nick Brazee has worked as an extension plant pathologist at the University of Massachusetts since 2012. His duties include providing plant disease diagnostics and support for green industry professionals and conducting research on fungal pathogens of trees. His current research involves the detection of internal decay in living trees using tomography. Dr. Brazee has a BS in Forestry from UMass Amherst and MS in Forest Pathology from the University of Washington. He earned his PhD in Forest Pathology at UMass Amherst.

CEU Key:

MQTW - Massachusetts Qualified Tree Warden

ISA - ISA Credential Credits

CTSP - Certified Treecare Safety Professional

MCA - Massachusetts Certified Arborist

SAF - Licensed Forester

PEST - Pesticide Applicator

DETAILED CEU PROCEDURE:

CEUs are assigned based on the information that you provided when you registered for the Day 1 and Day 2 Zoom webinars. You were asked to provide all your certification and license information. If you did not enter your certification and license information, be sure to email Heather Leff at heather@masstreewardens.org with all of your pertinent information ASAP.

MQTW CREDIT (3 Credits Tuesday, 2 Credits Wednesday)

- Zoom tracks your attendance via login and logout times
- You must be logged in 80% of the day to receive credit
 - (If you are disconnected, simply reconnect)
- Track your credits on the [Tally Sheet](#)
- Your attendance will be submitted on your behalf

ISA CREDIT (3.5 Tuesday, 3.25 Wednesday)

- Zoom tracks your attendance via login and logout times
- Credits will be submitted on your behalf
- The ISA CEU code will be provided at the end of each talk for your records

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DETAILED CEU PROCEDURE continued:

CTSP CREDIT (2 Credits Tuesday, 1 Credit Wednesday)

- Zoom tracks your attendance via login and logout times
- The CTSP code will be provided at the end of each talk for your records
- Attendance will be submitted on your behalf

MCA CREDIT (2 Credits Per Day - Full Day Required)

- Zoom tracks your attendance via login and logout times
- You must be logged in 80% of the day to receive credit
 - (If you are disconnected, simply reconnect)
- Attendance will be submitted on your behalf
- Keep track of the days you attend for self-reporting

LICENSED FORESTER (Day 1: 2.5 Cat 1, 1.5 Cat, Day 2: 2.5 Cat 1, 0.5 Cat 2)

- Zoom tracks your attendance via login and logout times PLUS
- You must be logged in 80% of the day to receive credit
 - (If you are disconnected, simply reconnect)
- You will be emailed an SAF certificate for each day
- Your attendance will be submitted on your behalf

PESTICIDE CREDIT (1 Credit Tuesday, 1 Credit Wednesday)

- Zoom tracks your attendance via login and logout times PLUS
- You will need to answer the 2 poll questions per credit (accuracy does not count)
- Your attendance will be submitted on your behalf
- You will be emailed an MDAR certificate for each credit

Required Information from the MA Dept. of Agricultural Resources - During the training - Pesticide Applicators/Dealers receiving credit must sit and be present through the entirety of the training to obtain the CEUs that are being offered. In the virtual environment, applicators login and logout times will be tracked, in addition they MUST ANSWER ALL POLL questions during the pesticide talks to receive credit.