

52nd Annual Penn-Del Chapter Shade Tree Symposium

March 6 - 8, 2017

Monday, March 6th

Pre-Conference Sessions

	8:00 AM	-	3:00 PM	ISA Certified Tree Worker Testing	Register through ISA website.
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	12:00 PM	-	4:00 PM	First Aid / CPR / AED Certification *	
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	Description:	Attendees will become certified in emergency First Aid, CPR, and Automated External Defibrillators (AED) use.
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	CEU's:	CA - 3.75; TW CI - 3.75; TW Ae - 3.75; MA - 3.75; UA - 0; BCMA S - 0.75; BCMA P - 2; BCMA M - 1
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An additional fee will be charged for this course. Cost includes admission into the evening Reception & Banquet for attendee.

\$100.00 per person

	2:00 PM	-	5:00 PM	Winter Inspection *	Dr. Anand Persad & Dr. Kelby Fite
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	Description:	Travel to an off-site facility to perform a winter property inspection. Attendees are responsible for their own transportation to the site. Class will meet in the lobby. Carpooling is recommended.
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	CEU's:	CA - 2.5; TW CI - 2.5; TW Ae - 2.5; MA - 2.5; UA - 0; BCMA S - 0.5; BCMA P - 1; BCMA M - 1
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	Pest Ed:	5 credits for PA Categories: PC, 06, 18, 23
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An additional fee will be charged for this course. Cost includes admission into the evening Reception & Banquet for attendee.

\$50.00 per person

	5:15 PM	-	5:45 PM	Volunteer Meeting *	
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	Description:	An informational meeting for Symposium Volunteers. Must register directly with David Ruyak. Volunteers are invited to attend the evenings Reception & Banquet as a guest of the Penn-Del Chapter.
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	5:45 PM	-	6:30 PM	General Business Meeting	
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	Description:	The annual business meeting for the Penn-Del Chapter.
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	6:30 PM	-	9:00 PM	Penn-Del Reception and Awards Dinner	
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	Description:	All attendees are invited to join us for dinner and drinks at the annual Reception and Awards Dinner.
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* Admission to this banquet is included with First Aid & Winter Inspection registration.

An additional fee will be charged for this reception for those not participating in the First Aid or Winter Inspection sessions. **\$35.00 per person**

Tuesday, March 7th

General Sessions

7:00 AM	-	8:30 AM	Registration / Check In	
8:30 AM	-	9:00 AM	Opening Ceremony	
			Description:	Flag ceremony, officer and past president parade and ceremony, and opening remarks.
9:00 AM	-	10:00 AM	The Importance of Early Detection and Plant Health Care in Managing Pests and Diseases in the Urban Landscape	Dr. Anand Persad
			Description:	Pest and disease pressures in the urban landscape often may result from native and exotic agents and may be exacerbated on stressed trees. Several primary factors that stresses urban trees will be discussed. Additionally, current high-impact pest and disease problems including emerald ash borer, hemlock woolly adelgid, spotted lanternfly, oak wilt and beech bark disease that are impacting our landscapes in the east, mid-Atlantic and midwest US will be discussed using case studies. The roles of early detection and timely deployment of effective plant health care strategies in successful abatement of these pests and diseases will also be included in the discussion. Dealing with plant problems are an integral part of maintaining our urban green spaces. While keeping plants healthy in today's urban environment may present challenges, these can be countered with a better understanding of the dynamics of these insects, mites and pathogens coupled with proper management strategies.
			CEU's:	CA - 1; TW CI - 1; TW Ae - 1; MA - 1; UA - 0; BCMA S - 0.5; BCMA P - 0; BCMA M - 0.5
			Pest Ed:	2 credits for PA Categories: PC, 05, 06, 10, 18, 23
10:15 AM	-	11:30 AM	Season of Disease	Dr. Kelby Fite
			Description:	Each season brings unique challenges to managing landscapes. Focus will be placed on current and emerging diseases in the Mid-Atlantic region and opportunities for management.
			CEU's:	CA - 1.25; TW CI - 1.25; TW Ae - 1.25; MA - 1.25; UA - 0; BCMA S - 0.75; BCMA P - 0; BCMA M - 0.5
			Pest Ed:	2 credits for PA Categories: PC, 06, 18, 23
11:30 AM	-	12:30 PM	Advanced Pruning Techniques	Dr. Ed Gilman
			Description:	Pruning plays a major role in a tree's longevity. Pruning the correct live branches can have a dramatic impact on how trees respond to gravity, wind, and storms. Structural pruning, designed to reduce growth rate and weight on co-dominant limbs, is the most effective method of minimizing damage from increasingly harsh weather conditions.
			CEU's:	CA - 1; TW CI - 1; TW Ae - 1; MA - 1; UA - 0; BCMA S - 0.5; BCMA P - 0.5; BCMA M - 0
12:45 PM	-	1:45 PM	Lunch	Trade Show Floor

Afternoon Break-Out Sessions

Tree Worker						
2:00 PM	-	3:30 PM	Deciding Which Climbing System Is Right For You			Phil Kelly
			Description:	With the advancement of climbing systems over the past ten years, there are a myriad of options. From various double rope techniques to the popular single rope techniques, it can be hard for a climber to know what works best and when.		
			CEU's:	CA - 1.5; TW CI - 1.5; TW Ae - 1.5; MA - 1.5; UA - 0; BCMA S - 0; BCMA P - 1; BCMA M - 0.5		
3:45 PM	-	5:00 PM	Advancements in Rigging Systems			Phil Kelly
			Description:	Rigging systems have taken many turns in the past 10 - 15 years. This will be an overview to help the tree worker choose what works best for them.		
			CEU's:	CA - 1.25; TW CI - 1.25; TW Ae - 1.25; MA - 1.25; UA - 0; BCMA S - 0; BCMA P - 0.75; BCMA M - 0.5		
Utility Arborist						
2:00 PM	-	3:00 PM	ANSI A300 Revisions for Utility Vegetation Management			Geoff Kempter
			Description:	This talk will cover current changes to the the ANSI A300 Standards in relation to utility vegetation management.		
			CEU's:	CA - 1; TW CI - 1; TW Ae - 1; MA - 1; UA - 1; BCMA S - 0; BCMA P - 0; BCMA M - 1		
3:10 PM	-	4:10 PM	Trends in Vegetation Management			Todd Hagenbuch
			Description:	Current trends for controlling vegetation growth.		
			CEU's:	CA - 1; TW CI - 1; TW Ae - 1; MA - 0; UA - 0; BCMA S - 0; BCMA P - 0; BCMA M - 1		
			Pest Ed:	2 credits for PA Categories: 10, 18, 23		
Plant Health Care						
2:00 PM	-	3:00 PM	Biological Control			Suzanne Wainwright Evans
			Description:	Buglady Consulting provides educational seminars and lectures nationwide on a variety of subjects from insect ID, Pest Management, Biological Control to Attracting Beneficial Insects and even IPM scouting training. Presentations include larger than life images and movies all taken by Suzanne.		
			CEU's:	CA - 1; TW CI - 1; TW Ae - 1; MA - 1; UA - 0; BCMA S - 1; BCMA P - 0; BCMA M - 0		
			Pest Ed:	2 credits for PA Categories: PC, 06, 18, 23		
3:10 PM	-	4:10 PM	Herbicide Conflicts with Trees			Dr. Kelby Fite
			Description:	Herbicides are commonly used in landscape management. They can be valuable tools for property managers, but are not risk-free. Examples of products and procedures to minimize impacts will be discussed.		
			CEU's:	CA - 1; TW CI - 0; TW Ae - 1; MA - 1; UA - 0; BCMA S - 0.5; BCMA P - 0.5; BCMA M - 0		
			Pest Ed:	2 credits for PA Categories: PC, 06, 18, 23		

4:20 PM	-	5:20 PM	Root Growth and Management in Urban Areas		Dr. Ed Gillman
			Description:	We learn how root management in the first 25 years after planting results in a sustainable urban forest that resists storms. Topics include making space for tree roots, traditional urban landscape designs vs. designs that actually work and why, root barriers, managing root problems on large trees, and more. You will be surprised at the amount of research and experience arborists have treating roots on established trees. There will be lots of photographs, illustrations, specifications, and take-home messages. Learner objectives: calculate soil space for trees, implement preventive designs, compare options for interfering roots, evaluate trees for failure potential, and more; beginners to advanced.	
				CEU's: CA - 1; TW CI - 1; TW Ae - 1; MA - 1; UA - 0; BCMA S - 0.5; BCMA P - 0; BCMA M - 0.5	
Municipal Arborist					
2:00 PM	-	3:00 PM	Why Trees Die		Dr. Rex Bastian
			Description:	As arborists, we recognize that trees die. Our clients, however, commonly expect their trees to live long, trouble-free lives. When they don't, our clients can become rather perplexed and look to us for an explanation. To provide that explanation, we need to understand that a tree functions as a system comprised of both internal and external inputs that are dependent on both internal and external processes. Sound complicated? It certainly is, but with a little rational thought, we can boil it down to some pretty basic principles. Knowledge of these principles will enable us to become better arborists by understanding the rigors trees face on a day to day basis.	
				CEU's: CA - 1; TW CI - 1; TW Ae - 1; MA - 1; UA - 0; BCMA S - 0.5; BCMA P - 0; BCMA M - 0.5	
3:10 PM	-	4:10 PM	PA Forest Pest Update		Dr. Mark Faulkenberry
			Description:	Updates on pests impacting state forests and local environments.	
				CEU's: CA - 1; TW CI - 1; TW Ae - 1; MA - 1; UA - 0; BCMA S - 0.5; BCMA P - 0; BCMA M - 0.5	
				Pest Ed: 2 credits for PA Categories: PC, 05, 18, 23	
5:30 PM	-	9:00 PM	Beef & Beer Reception		Trade Show Floor
			Description:	Join us at the Annual Beef & Beer Reception. Visit with exhibitors, socialize with friends and colleagues, and maybe win some prizes.	

Wednesday, March 8th

General Sessions

9:00 AM - 9:15 AM Opening Remarks

9:15 AM - 10:00 AM Writing Pruning Specifications to the New ANSI Standards Dr. Ed Gilman

Description: Writing pruning and planting specifications: incorporating the latest practices into written documents" Description: Ever say to yourself "I think I know how to prune or plant a tree, but I am not exactly sure how to get it on paper so I can show others or write specs". Here is your opportunity to actively learn to be an informed specification writer using your ANSI A300 Standards. After a brief introduction, we survey a few trees and sites and then engage in a lively discussion. You will leave knowing exactly how to access, modify, and write planting and pruning specifications. We learn what to say and how to say it including the key components of a specification include pruning cut type, size, number and position of cuts to be used. The approach is really simple and will set you apart. You will be in conformance with the new ANSI A300 standards.

CEU's: CA - 0.75; TW CI - 0.75; TW Ae - 0.75; MA - 0.75; UA - 0; BCMA S - 0.75; BCMA P - 0; BCMA M - 0

Morning Break-Out Sessions

10:15 AM - 12:00 PM Making Proper (and Sometimes Tough) Tree Treatment Decisions Dr. Rex Bastian

Description: As with human maladies, tree problems may have several, one, or no good treatment options. Deciding what specific treatment regime to follow may often have both positive and negative aspects. Your "bedside manner" can be very important when working with your clients and their trees. We will discuss a simple way to classify the severity of tree problem when working with clients or training your employees.

CEU's: CA - 1.75; TW CI - 1.75; TW Ae - 1.75; MA - 1.75; UA - 0; BCMA S - 0.75; BCMA P - 0.5; BCMA M - 0.5

Pest Ed: 3 credits for PA Categories: PC, 05, 06, 18, 23

10:15 AM - 12:15 PM Tree Climbing Competitions: What to Expect and How to Prepare Phil Kelly & Derrick Martin

Description: An opportunity to learn about deciding what system to use and when. Along with installation techniques, hardware, and how to build a system that fits the tree and its location.

CEU's: CA - 2; TW CI - 2; TW Ae - 2; MA - 2; UA - 0; BCMA S - 0; BCMA P - 2; BCMA M - 0

12:30 PM - 1:30 PM Lunch Trade Show Floor

Afternoon Break-Out Sessions							
Tree Worker							
1:40 PM	-	4:00 PM	Static vs. Dynamic Cabling & Tree Support Systems				
			Description:	An opportunity to learn about deciding what system to use and when. Along with installation techniques, hardware, and how to build a system that fits the tree and its location.			
			CEU's:	CA - 2.25; TW CI - 2.25; TW Ae - 2.25; MA - 2.25; UA - 0; BCMA S - 0.25; BCMA P - 1; BCMA M - 1			
Utility Arborist							
1:40 PM	-	2:40 PM	Moving From Old to New: Adapting Tree Risk Assessment Matrix				Tonia Graham
			Description:	Using the Tree Risk Assessment Matrix in relation to utilities and general vegetation management.			
			CEU's:	CA - 1; TW CI - 1; TW Ae - 1; MA - 1; UA - 0; BCMA S - 0.5; BCMA P - 0; BCMA M - 0.5			
2:50 PM	-	3:50 PM	Environmental Protection and Enhancement in the Establishment and Maintenance of ROW's				Roy Van Houten
			Description:	Methods of protecting and promoting environments within utility right of ways.			
			CEU's:	CA - 1; TW CI - 1; TW Ae - 1; MA - 1; UA - 0; BCMA S - 0.5; BCMA P - 0; BCMA M - 0.5			
			Pest Ed:	2 credits for PA Categories: 10, 18, 23			
Commercial Arborist							
1:40 PM	-	3:40 PM	Winter Pest Scouting				Megan McConnell & Sandy Feather
			Description:	Techniques, methods, and trends for winter pest inspections.			
			CEU's:	CA - 2; TW CI - 2; TW Ae - 2; MA - 2; UA - 0; BCMA S - 1; BCMA P - 0.5; BCMA M - 0.5			
			Pest Ed:	2 credits for PA Categories: PC, 06, 18, 23			
Municipal Arborist							
1:40 PM	-	2:40 PM	What Happens When 14 Arborists Appraise the Same 10 Trees				James Komen
			Description:	It may be known that consulting arborists arrive at very different conclusions when applying the Trunk Formula Method of tree appraisal, but what is the source of the variance? This lecture identifies the four primary sources of error and how to mitigate them in future tree appraisals.			
			CEU's:	CA - 1; TW CI - 1; TW Ae - 1; MA - 1; UA - 0; BCMA S - 0.5; BCMA P - 0; BCMA M - 0.5			
2:50 PM	-	4:00 PM	Overview of Pesticide Record Keeping Requirements and Update on Certification / Licensing Process				Chad Witmer
			Description:	Discussion on pesticide record keeping requirements for the applicator and business. Explanation of changes within the certification and licensing process for Pennsylvania.			
			CEU's:	CA - 1.15; TW CI - 1.15; TW Ae - 1.15; MA - 1.15; UA - 0; BCMA S - 0; BCMA P - 0; BCMA M - 1.15			
			Pest Ed:	2 credits for PA CORE			