

**WEDNESDAY, JANUARY 25, 2017**

**CEUs**  
Available to Earn

**THURSDAY, JANUARY 26, 2017**

Registration Begins at 7:30 a.m. (EST)	<b>Crew Academy</b>	<b>Production and Business</b>
8:15 a.m. – 9:15 p.m.	<b>CMV Safety in a World of Landscaping</b> Presented by the Kentucky State Police <b>KCN Exam</b>	<b>Mastering Inventory Control with RFID Applications</b> Mattieu Vollmer, MBA, and Benjamin Meyers, Arbre Technologies
9:20 a.m. – 10:20 a.m. <b>Wednesday CEUs</b> 3 Pesticide 4 Arborist LA's TBA	<b>Big Picture Thinking – Using Clues to Diagnose Landscape Problems, Part 1</b> Nicole Ward Gauthier, Ph.D., Univ. of Kentucky	<b>Team Habits for Working Smarter, Not Harder: A Discussion of Lean Management in the Green Industry</b> Sarah Vanek, Mulhall's
10:00 a.m. – 4:00 p.m.	<b>Vendor Market Place</b>	
10:25 a.m. – 11:25 a.m.	<b>Planting Holes Are More Than Holes in the Ground</b> William M. Fountain, Ph.D., University of Kentucky	<b>State of the Horticulture Union</b> Craig Regelbrugge, AmericanHort
11:30 a.m. – 12:15 p.m.	<b>VENDOR INTRODUCTION IN THE CONFERENCE BALLROOM</b>	
12:15 p.m. – 1:50 p.m.	<b>LUNCH &amp; SHOWPLACE EXPO</b>	
1:50 p.m. – 2:50 p.m.	<b>Make Your Equipment Last Longer – What's Different about Equipment You Buy Today?</b> Tom Aull, Midwest Equipment Company	<b>Is My Tree Safe?</b> William M. Fountain, Ph.D., University of Kentucky
2:55 p.m. – 3:55 p.m.	<b>Planting Disease Diagnosis: Making the Most of Your Resources</b> Julie Beale, University of Kentucky	<b>Building Relationships to Increase Sales: A Different Approach</b> Stephan Zimmerman, Limbwalker Tree Service
4:00 p.m. – 5:00 p.m.	<b>KNLA Annual Meeting and Reception</b>	

Registration Begins at 7:30 a.m. (EST)	<b>Pest Management</b>	<b>Plants and Design</b>
8:15 a.m. – 9:15 p.m.	<b>Ornamental IPM</b> Frank Hale, Ph.D., University of Tennessee	<b>I-Tree Tools for Landscaping and Marketing</b> Josh Knight, University of Kentucky
9:00 a.m. – 4:00 p.m.	<b>Vendor Market Place</b>	
9:20 a.m. – 10:20 a.m. <b>Thursday CEUs</b> 5 Pesticide 6 Arborist LA's TBA	<b>Big Picture Thinking – Using Clues to Diagnose Landscape Problems, Part 2</b> Nicole Ward Gauthier, Ph.D., University of Kentucky	<b>Ash Alternatives for Kentucky</b> Kris Stone, Boone County Arboretum
10:25 a.m. – 11:25 a.m.	<b>Diversity and Phenology of Ambrosia Beetles in Western Kentucky</b> Viloria Zenaida, Ph.D.; Win Dunwell, Ph.D.; Ginny Travis and Raul Villanueva, University of Kentucky	<b>Plants That Help You Stay Ahead of the Curve and Meet Customer Demands</b> Blair Leano-Helvey, Idyllwild Butterfly Farm
11:30 a.m. – 12:15 p.m.	<b>VENDOR INTRODUCTION IN THE CONFERENCE BALLROOM</b>	
12:15 p.m. – 1:50 p.m.	<b>LUNCH &amp; SHOWPLACE EXPO</b>	
1:50 p.m. – 2:50 p.m.	<b>Top 20 Landscape Weeds and Management Strategies</b> Shawn Wright, Ph.D., University of Kentucky <b>KDA Pesticide Exam</b>	<b>Developing Superior Floral and Woody Nursery Plants at the U.S. National Arboretum</b> Lisa W. Alexander, Ph.D., U.S. National Arboretum
2:55 p.m. – 3:55 p.m.	<b>The Importance of Beneficial Insects in the Landscape and Nursery</b> Frank Hale, Ph.D., University of Tennessee	<b>Trees for Healthy Cities</b> Kristin Booker, PLA, ASLA, Booker Design Collaborative
4:00 p.m. – 5:00 p.m.	<b>Identifying and Managing Wildlife Issues in Nurseries and Urban Landscapes</b> Matthew Springer, Ph.D., Univ. of Kentucky	



## **2017 Class and Speaker Listing and Schedule**

**Wednesday January 25, 2017**

Class Track Key: CA= Crew Academy, PB= Production/Business Mgmt, PD= Plants/  
Design, P=Pest Mgmt

***CEU's 9 Arborist, 8 Pesticide, and LA's TBA***

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### **CMV Safety in a World of Landscaping CA**

Wed. Jan 25, 2017, 8:15 am – 9:15 am

**Presented by the Kentucky State Police**

### **Mastering Inventory Control with RFID Applications PB**

Wed. Jan 25, 2017, 8:15 am – 9:15 am

#### **Benjamin Meyers, Arbore Technologies, Milwaukee, WI**

Ben's experience includes serving as Head of Software and CEO at United Community and Sasquatch Studios respectively. He continues being an active proponent of Milwaukee's startup scene and sharpens his skills as a member of numerous technology based societies. His technical experience includes creating websites, mobile websites, mobile applications (iOS, Android and Windows), inventory tracking systems, embedded hardware solutions and many more. Ben holds a bachelor degree in Biomedical Engineering from Marquette University. His technical specialties include C#, C, C++, Java, Python, SPlus, Matlab, VHDL, Verilog, Shell Scripting, TCP/IP connections, Subversion, Web design/creation, Database design and management (SQL, MySQL, PostgreSQL), Software, Android and iOS Mobile Applications. His broad array of technical skills provide clients with a sense of assurance that their technology solutions will dominate the market place. Find Ben on LinkedIn

#### **Matthieu Vollmer, MBA, Arbore Technologies, Milwaukee, WI**

Matt's background includes serving as the Marketing and Communications Coordinator for the American Society for Laser Medicine & Surgery, an international medical association where he worked with over 4,000 physicians on global marketing and communication initiatives. He's written for several publications including Central Wisconsin Hoopla Magazine, On the Water, Boomers' Magazine, and the Hub City Times. He recently served as editor of Point & Plover Lifestyle magazine which is distributed to 11,000 residents in the greater Stevens Point area.

While his experience is primarily in strategic marketing development, he holds two Bachelor of Science degrees, one in Communication and the other in Business Administration.

He completed a Master of Business Administration (MBA) degree, with an emphasis in marketing, in December 2015. Awards and recognition includes Who's Who Graduate Award, UW-Oshkosh (2015), Presidential Citation, American Society for Laser Medicine & Surgery (2014), Chancellor's Leadership Award, UW-Stevens Point (2012). This unique combination of skills and experiences provides clients with a broad range of expertise including resilient communications and bull marketing strategies. Find Matthieu on LinkedIn.

## **Big Picture Thinking – Using Clues to Diagnose Landscape Problems, Part 1 P**

**Part 1:** Wed. Jan 25, 2017, 9:20 am-10:20 am

### **Nicole Ward Gauthier, Ph.D., Dept. of Plant Pathology, Univ. of Kentucky, Lexington**

Nicole is an Extension specialist in the Department of Plant Pathology. She is responsible for outreach and research of diseases of ornamentals and fruit crops across the state. As part of her Extension duties, Nicole provides growers with disease management recommendations including the identification, biology, and management of pathological organisms. Her publications range from traditional fact sheets to spray guides and social media updates – all of which are intended to provide growers and other professionals with quick disease management solutions. Additionally, her program includes applied and fundamental research on fruit rots of apple. Molecular diagnostics combined with field research is being used to better understand latent infections and also to time fungicide applications for efficacy and efficiency. Dr. Ward Gauthier earned her BS in Horticulture Science and her PhD in Plant Pathology from Louisiana State University. She also owned her own landscape business in Louisiana, in which she installed landscapes, irrigation, low voltage lighting, and water features. She joined the UK College of Agriculture in 2011. Nicole looks forward to working with county Extension agents, growers, and other stakeholders around the state. Her publications can be found on her [webpage](#), while alerts and notifications can be found on her on [Facebook](#), [Twitter](#), or [Blogspot sites](#). She can be contacted at [nicole.ward@uky.edu](mailto:nicole.ward@uky.edu), 859.218.0720 or 859.797.3333.

## **Team Habits for Working Smarter, Not Harder: A Discussion of Lean Management in the Green Industry PB**

Wed. Jan 25, 2017, 9:20 am – 10:20 am

### **Sarah Vanek, Mulhall's, Omaha, NB**

Sarah is the Education & Outreach Manager at Mulhall's, where she also serves as the operations manager of the Mulhall's marketing team. Sarah received a Bachelor of Science in Horticulture (2007) at the University of Nebraska and a Master of Science in Entomology (2009) at the University of Kentucky. During her previous work as an Extension Associate for Nursery Crop Production at the University of Kentucky, Sarah began offering a variety of educational programs to nursery growers on the topic of Lean Management in the Green Industry. Sarah is certified in Lean Production Systems through the University of Kentucky in collaboration with Toyota Motor Manufacturing of Kentucky.

## **Plants Holes Are More than Holes in the Ground CA**

Wed. Jan 25, 2017, 10:25 am -11:25 am

**William M. Fountain, Ph.D., Dept. of Horticulture, Univ. of Kentucky, Lexington**

Bill joined the University of Kentucky Dept of Horticulture faculty in 1979 and is professor of arboriculture and landscape management. He has taught Woody Plant Materials, trained arborists for the ISA Certified Arborist exam and Tree Risk Assessment Qualification (TRAQ). His appointment also involves training and assisting Cooperative Extension Agents and diagnosis of problems. He has served on the ISA Board of Directors, Chair of the Council of Representatives and numerous ISA committees. He is also involved with the Kentucky Arborists' Association Board of Directors and is a TRAQ instructor. Bill is a Board Certified Master Arborist, ASCA Registered Consulting Arborist, Tree Risk Assessor qualified and an ISA certified instructor for this program. Additionally, Bill has served National Junior Horticultural Association (NJHA) as National Program Chair, state leader, and as a member of the Board of Directors. He has traveled extensively in Asia where he has trained arborists for ISA credentialing programs. He has been called a tree geek and must be for who else would name their Shetland sheepdog *Nyssa aquatica*... Fountain?

**State of the Horticulture Union PB**

Wed. Jan 25, 2017, 10:25 am – 11:25 am

**Craig J. Regelbrugge, AmericanHort, Washington, DC**

Craig Regelbrugge serves as AmericanHort's senior vice president, where he is responsible for industry advocacy and research programs. AmericanHort launched in January, 2014, as the American Nursery & Landscape Association (ANLA) and OFA - The Association of Horticulture Professionals united. The mission of AmericanHort is to unite, promote, and advance our industry through advocacy, collaboration, connectivity, education, market development, and research. Regelbrugge serves in national leadership positions representing the horticulture industry on matters relating to the labor force, plant health, and trade. He co-chairs the Agriculture Coalition for Immigration Reform, a broad-based coalition seeking legislation to ensure a stable and legal agricultural workforce, and is chairman of the board of the National Immigration Forum Action Fund. He serves as chairman of the US Industry Advisory Group to the North American Plant Protection Organization. Regelbrugge received his undergraduate degree in horticulture from Virginia Tech, and he worked in the retail nursery industry and served as a county horticultural extension agent in Virginia before joining ANLA in December, 1989. He is a frequent presenter, author, and spokesperson on topics relating to the workforce and immigration, production, trade, and environmental issues impacting farmers and small businesses in and serving the horticulture industry. He is an avid gardener of ornamental plants, vegetables, berries, and...oysters.

**Make Your Equipment Last Longer- What's Different about Equipment You Buy Today? CA**

Wed. Jan 25, 2017, 1:50 pm -2:50 pm

**Tom Aull, Midwest Equipment Company, Louisville, KY**

Tom has been involved with selling Outdoor Power Equipment since 1976, in retail management since 1984 and distribution sales since 2001. Part of his history includes retail sales and safety training, proper application and use of power equipment and safe operation training both on power equipment and workplace safety. He is originally from Owensboro, KY where he attended Brescia University. He has held various positions at Kuester's Hardware in Owensboro, KY and Evansville, IN from 1976 to 2001. Since 2001 He has worked as a territory manager for Midwest Equipment Company of Evansville, IN. Midwest Equipment is a distributor of premium outdoor power equipment such as Echo, Shindaiwa, Scag, Bearcat, Billy Goat and Giant Vac. In his capacity both in management and as a territory manager, he has found that the proper use, proper maintenance and safe operation of power equipment and tools contribute greatly to work place productivity and in cost savings. This presentation is not only geared for people who operate equipment, but those that manage them as well! Presently Tom and his wife Jean live near Hardinsburg, KY in Breckinridge County. He welcomes the opportunity to provide safety training to any public entity or commercial application in the State of Kentucky.

### **Is My Tree Safe?    PB**

Wed. Jan 25, 2017, 1:50 pm -2:50 pm

**William M. Fountain, Ph.D., Dept. of Horticulture, Univ. of Kentucky, Lexington**

Bill joined the University of Kentucky Dept of Horticulture faculty in 1979 and is professor of arboriculture and landscape management. He has taught Woody Plant Materials, trained arborists for the ISA Certified Arborist exam and Tree Risk Assessment Qualification (TRAQ). His appointment also involves training and assisting Cooperative Extension Agents and diagnosis of problems. He has served on the ISA Board of Directors, Chair of the Council of Representatives and numerous ISA committees. He is also involved with the Kentucky Arborists' Association Board of Directors and is a TRAQ instructor. Bill is a Board Certified Master Arborist, ASCA Registered Consulting Arborist, Tree Risk Assessor qualified and an ISA certified instructor for this program. Additionally, Bill has served National Junior Horticultural Association (NJHA) as National Program Chair, state leader, and as a member of the Board of Directors. He has traveled extensively in Asia where he has trained arborists for ISA credentialing programs. He has been called a tree geek and must be for who else would name their Shetland sheepdog *Nyssa aquatica*... Fountain

### **Planting Disease Diagnosis: Making the Most of Your Resources    CA**

Wed. Jan 25, 2017, 2:55 pm -3:55 pm

**Julie Beale, Dept. of Plant Pathology, Univ. of Kentucky, Lexington**

Julie has over twenty years of experience in plant disease diagnostics and supervises the Plant Disease Diagnostic Laboratory (PDDL) at the University of Kentucky. She is a native of North Carolina and graduated with a Bachelor of Arts degree from the University of North Carolina at Chapel Hill and then completed a Master of Sciences in Plant Pathology from the University of Minnesota. In addition to her clinic responsibilities, Julie assists in teaching general plant pathology and plant diagnostics at UK, and provides plant disease updates and diagnostic

training to a wide variety of audiences, including professionals in the landscape and turf industries. She has lectured on problem diagnosis at local and statewide trainings, as well as national and international meetings.

**Building Relationships to Increase Sales: A Different Sales Approach**      **PB**

Wed. Jan 25, 2017, 2:55 pm – 3:55 pm

**Stephan Zimmerman, Limbwalker Tree Service, Louisville**

Stephan has been working in the tree care industry since 1995, and worked from the ground up (that's a tree industry joke). He started selling tree services full time in 2002, working for an established firm in Charlotte, NC. Over the next ten years, he completed several sales training programs, including a year long Sandler Sales program with a business coach. In 2011, he moved to Louisville, KY to work with Limbwalker Tree Service. Since then, he has managed a sales territory offering tree, lawn and shrub services, providing excellent service, while growing relationships with clients. In this seminar, he will discuss the basics of sales preparation, how to gain trust, and create an atmosphere of buying.



## 2017 Class and Speaker Listing and Schedule

**Thursday January 26, 2017**

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***CEU's 9 Arborist, 8 Pesticide, and LA's TBA***

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### Ornamental IPM **P**

Thurs. Jan 26, 2017, 8:15 am – 9:15 am

#### **Frank A. Hale, Ph.D., Department of Entomology and Plant Pathology, Univ. of Tennessee, Nashville, TN**

Frank is an Entomology Professor for the University of Tennessee Extension with statewide educational programs for the management of insect and mite pests of horticultural plants [turf (sports turf, sod, golf course, and landscape), ornamental plants (nursery, landscape, greenhouse, interiorscape), fruits (small fruit and tree fruit), vegetables (greenhouse and field grown)] and tobacco. Since 1992, he has provided entomological support for UT and TSU Agricultural Extension Agents in all 95 counties. Frank is the Coordinator for Plant Pest Diagnostics at the Soil, Plant and Pest Center (SPPC) in Nashville. In that capacity, he also works closely with the National Plant Diagnostic Network to increase the diagnostic capabilities at the SPPC. An important educational outreach for pests and diseases of plants is the award winning SPPC Facebook page. The Social Media Team for the SPPC composed of Dr. Alan Windham, Dr. Frank Hale, Dr. Darrell Hensley and Debbie Joines were recipients of the 2015 Southern Region IPM Center Friends of IPM – Bright Idea Award. Dr. Hale was also the recipient of the 2015 Southern Region IPM Center Friends of IPM – IPM Educator Award. Dr. Hale is also a member of the Thousand Cankers Disease Team at UT that received the 2015 Southern Region IPM Center Friends of IPM – Pulling Together Award. Invasive pests are a serious problem in Tennessee and across the country. Frank is serving as State Survey Coordinator for the Cooperative Agricultural Pest Survey which is a cooperative agreement between the USDA APHIS and UT to conduct state surveys for exotic pests, diseases and weeds of concern.

### I-Tree Tools for Landscaping and Marketing **PD**

Thurs. Jan 26, 2017, 8:15 am – 9:15 am

#### **Joshua Knight, Dept. of Horticulture, Univ. of Kentucky, Lexington**

Josh graduated in the Spring of 2013 with a B.S. in Sustainable Agriculture from the Horticulture Department at the University of Kentucky. In the years before, during and after his undergraduate coursework, Josh worked on farms focusing primarily on agro-ecological and direct market production in Florida, Georgia, New Mexico, Japan, as well as farms across central and eastern Kentucky. Prior to his agricultural career, Josh worked in the Information Technology sector of central Florida for six years, acquiring skills in web development, graphic design, and communication technologies. Josh is currently working on an M.S. in Integrated Plant and Soil Science, with research on soil-carbon analysis, GIS, carbon footprint, water footprint and Life Cycle Assessment.

## **Big Picture Thinking – Using Clues to Diagnose Landscape Problems Part 2:**

**P**

Thurs. Jan 26, 2017, 9:20 am – 10:20 am

**Nicole Ward Gauthier, Ph.D., Dept. of Plant Pathology, Univ. of Kentucky, Lexington**

Nicole is an Extension specialist in the Department of Plant Pathology. She is responsible for outreach and research of diseases of ornamentals and fruit crops across the state. As part of her Extension duties, Nicole provides growers with disease management recommendations including the identification, biology, and management of pathological organisms. Her publications range from traditional fact sheets to spray guides and social media updates – all of which are intended to provide growers and other professionals with quick disease management solutions. Additionally, her program includes applied and fundamental research on fruit rots of apple. Molecular diagnostics combined with field research is being used to better understand latent infections and also to time fungicide applications for efficacy and efficiency. Dr. Ward Gauthier earned her BS in Horticulture Science and her PhD in Plant Pathology from Louisiana State University. She also owned her own landscape business in Louisiana, in which she installed landscapes, irrigation, low voltage lighting, and water features. She joined the UK College of Agriculture in 2011. Nicole looks forward to working with county Extension agents, growers, and other stakeholders around the state. Her publications can be found on her [webpage](#), while alerts and notifications can be found on her on [Facebook](#), [Twitter](#), or [Blogspot sites](#). She can be contacted at [nicole.ward@uky.edu](mailto:nicole.ward@uky.edu), 859.218.0720 or 859.797.3333.

## **Ash Alternatives for Kentucky** **PD**

Thurs. Jan 26, 2017, 9:20 am – 10:20 am

**Kristopher Stone, Boone County Arboretum, Burlington, KY**

Kris is a graduate of the University of Kentucky with a B.S. in Plant and Soil Science (Horticultural Science). Currently Kris holds the position of Director of Boone County Arboretum and has been with the facility since January of 2002. Kris is highly active in various community organizations in the Greater Cincinnati area and region, building community awareness and networking for the Arboretum. He serves as past President of the Northern Kentucky Urban and Community Forestry Council, Advisory member of Boone County Urban Forest Commission, President and Board member of the Kentucky Exotic Pest Plant Council, and is an ex-officio board member of Friends of Boone County Arboretum. Kris serves on the steering committee of Taking Root, the Theodore Klein Plant Award Selection Committee, and the Kentucky Urban Forestry Council, ensuring the Arboretum provides full support of these efforts. He also serves on various other AD hoc committees for community and state organizations when time allows. Kris is a writer for Kentucky Gardener Magazine where he contributes monthly as the Ask the Expert columnist. In his youth, growing up less than 30 minutes from Bernheim Arboretum provided significant influence in his career path, for even at an early age he possessed a love of plants. His main areas of interest have always been with woody plants, especially trees and shrubs. As Director of the Arboretum Kris's main responsibilities are to provide leadership for staff in the areas of policy making, Arboretum budget management, funding, planning, organizing of operations, and staffing for facility needs.

## **Diversity and Phenology of Ambrosia Beetle in Western Kentucky**

**P**

Thurs. Jan 26, 2017, 10:25 am – 11:25 am



**Viloria Zenaida, Ph.D., Dept. of Horticulture, Univ. of Kentucky, Princeton**

Zenaida is extension associate for nursery crops at the University of Kentucky's Research and Education Center in Princeton since February 2016. She is currently evaluating nutrient release longevity of controlled release fertilizers in commercial and experimental nursery crop plots. Additionally, she is in charge of monitoring Ambrosia beetles in western Kentucky. Previously, she worked for Texas A&M University in South Texas screening tomato lines for resistance to tomato psyllid. She worked on citrus breeding and developed new seedless lemon and lime type varieties in the University of Florida and developed transgenic citrus rootstock lines that are currently in the field to determine their performance and level of resistance to HLB in the University of Texas-Kingsville. In 2004, she worked as research associate for NC State University breeding for sterile nursery crops and was able to obtain a noninvasive *Campsis*. She received in Ph.D. from University of Florida and a bachelor degree from University of Zulia Venezuela. She was associate professor in horticulture in charge of conventional and in vitro propagation class and research and collaborated with plant molecular biotechnology class.

**Plants That Help You Stay Ahead of the Curve and Meet Customer Demands**

**PD**

Thurs. Jan 26, 2017, 10:25 am – 11-25 am

**Blair Leano-Helvey, Entomology Solutions, Louisville, KY**

Blair founded Entomology Solutions, which specializes in the sale and implementation of beneficial biological pest control agents, in 2009. Since then, she has helped a growing number of clients successfully transition from chemical pesticides to ecologically balanced solutions. She has worked with Callaway Gardens in Georgia, Kentucky Horse Park, several regional commercial farms, greenhouses, and nurseries, as well as a countless number of home growers and gardeners. In June of 2015, Leano-Helvey opened The Idlewild Butterfly Farm and Insectarium, which has drawn hundreds of visitors to the Shelby Park neighborhood near downtown Louisville. The USDA-inspected facility features a live butterfly walkthrough exhibit, a commercial rearing lab, tropical insects, gift shop, and a truly one-of-a-kind experience. Leano-Helvey received her BS with a focus in Entomology from the University of Kentucky, College of Agriculture.

**Top 20 Landscape Weeds and Management Strategies**

**P**

Thurs. Jan 26, 2017, 1:50 pm – 2:50 pm

**Shawn Wright, Ph.D., Dept. of Horticulture, Univ. of Kentucky, Quicksand**

Shawn has been an Extension Specialist in Horticulture for the University of Kentucky since 2010. He received his MS in Botany from the University of Tennessee, Knoxville, and his Ph.D. in from North Carolina State University. His current research emphasis is primarily small fruit, vegetable, and hops production. He is based at the Robinson Center for Appalachian Resource Sustainability in Breathitt County.

**Developing Superior Floral and Woody Nursery Plants at the U.S. National Arboretum**

**PD**

Thurs. Jan 26, 2017, 1:50 am -2:50 pm

**Lisa Alexander, Ph.D., U.S. National Arboretum, McMinnville, TN**

Lisa is a USDA Research Geneticist working to improve woody ornamental landscape plants for the U.S. National Arboretum. She received a Bachelor's of Science in Biology in 2005 from the University of Tennessee at Chattanooga where she conducted research on American chestnut tree restoration. She received her Ph.D.

in molecular genetics from Purdue University in 2010 where her dissertation focused on using molecular markers for oak breeding management. Her current research focuses on breeding hydrangeas and other ornamental landscape species for improved disease resistance and cold tolerance, and introducing unique traits to popular ornamental species through hybridization and other advanced breeding techniques. For more information, please visit <http://www.usna.usda.gov/Research/sy-info.html>.

## **Trees for Healthy Cities**    **PD**

Thurs. Jan 26, 2017, 2:55 pm-3:55 pm

### **Kristin Booker, PLA, ASLA, Booker Design Collaborative, LLC, Louisville, KY**

A professional landscape architect with over 20 years of experience in her profession, Kristin has worked in both the private and public sectors throughout her career with an all-encompassing understanding of the complex process of bringing successful design and planning projects to fruition. She is the owner of Booker Design Collaborative, LLC, a landscape architecture and urban design firm in Louisville, Kentucky that was founded in 2012. Her project management experience includes urban planning, historic preservation, commercial development, public realm improvements, master planning, residential design and community outreach. In her practice, she has focused on the social and environmental implications of her work while striving for enduring beauty in design. Kristin is the current president of the Kentucky Society of Landscape Architects and was featured in Landscape Architect and Specifier News magazine in the November 2016 edition, 'Women and Landscape Architecture'

## **The Importance of Beneficial Insects in the Landscape and Nursery**    **P**

Thurs. Jan 26, 2017, 2:55 pm – 3:55 pm

### **Frank A. Hale, Ph.D., Department of Entomology and Plant Pathology, Univ. of Tennessee, Nashville, TN**

Frank is an Entomology Professor for the University of Tennessee Extension with statewide educational programs for the management of insect and mite pests of horticultural plants [turf (sports turf, sod, golf course, and landscape), ornamental plants (nursery, landscape, greenhouse, interiorscape), fruits (small fruit and tree fruit), vegetables (greenhouse and field grown)] and tobacco. Since 1992, he has provided entomological support for UT and TSU Agricultural Extension Agents in all 95 counties. Frank is the Coordinator for Plant Pest Diagnostics at the Soil, Plant and Pest Center (SPPC) in Nashville. In that capacity, he also works closely with the National Plant Diagnostic Network to increase the diagnostic capabilities at the SPPC. An important educational outreach for pests and diseases of plants is the award winning SPPC Facebook page. The Social Media Team for the SPPC composed of Dr. Alan Windham, Dr. Frank Hale, Dr. Darrell Hensley and Debbie Joines were recipients of the 2015 Southern Region IPM Center Friends of IPM – Bright Idea Award. Dr. Hale was also the recipient of the 2015 Southern Region IPM Center Friends of IPM – IPM Educator Award. Dr. Hale is also a member of the Thousand Cankers Disease Team at UT that received the 2015 Southern Region IPM Center Friends of IPM – Pulling Together Award. Invasive pests are a serious problem in Tennessee and across the country. Frank is serving as State Survey Coordinator for the Cooperative Agricultural Pest Survey which is a cooperative agreement between the USDA APHIS and UT to conduct state surveys for exotic pests, diseases and weeds of concern.

## **Identifying and Managing Wildlife Issues in Nurseries and Urban Landscapes**    **P**

Thurs. Jan 26, 2017, 4:00 pm – 5:00 pm

### **Matthew Springer, Ph.D., Dept. of Forestry, Univ. of Kentucky, Lexington**

Matt is an Assistant Extension Professor of Wildlife Management within the Department of Forestry. His education includes Southern Illinois University Carbondale where his dissertation focused on white-tailed deer dispersal ecology, the University of Delaware where he worked on deer damage to winter wheat, and Juniata

College where he received his B.S. in Environmental Science. Much of his work at the University of Kentucky is focusing on wildlife damage management. He is an avid hunter and also enjoys time fishing and trapping