Making Treemendous Community Impact

2018 Roanoke Tree Care Workshop
Virginia Western Community College, Roanoke VA

Wednesday, March 7, 2018

8:00 – 8:30 Registration Networking Breakfast
8:30 – 9:00 Welcome
9:00 – 9:45 **Trees, City Utility or Public Art?** – Dr. Susan Day, Virginia Tech
   Green infrastructure is the new city utility, merging engineering demands with urban trees and soils as never before. Dr. Day will examine how this new role for trees is changing our appreciation of and ambitions for our public trees. Can policy and practice recognize trees as both living sculptures and utilities? Dr. Day will share her musings on the possibilities for achieving a future where all of us can enjoy the beauty of trees.

9:45 - 10:30 **Tree Planting; What Matters and What Doesn’t** – Lindsey Purcell, Purdue University
   How we can get trees to stand up better and live longer. Believe it or not, we are finding that production and planting protocol is having a major impact on this question. Learn what really matters in the tree planting process and what really doesn’t according to current arboricultural research.

10:30 – 10:45 Break
10:45 – 11:30 **Urban Tree Root System Management and Care** – Dr. Gary Watson, Morton Arboretum
   Up to 80% of urban tree problems originate below ground. Urban environments must provide the same essential soil resources as natural environments if trees are to maintain a healthy balance between the crown and root system. By understanding, what soil resources trees rely on, we can manage the urban environment to optimize these features to the extent possible. The management challenge is to provide an urban soil environment that functions like the natural environment, though its appearance may be quite different.

11:30 – 12:15 **Managing Old Trees, Using Every Trick in the Book** – Peggy Singlemann, Maymont Foundation
   Maymont is known for its majestic trees, but just imagine being the person that has to keep them thriving! In over 3 decades of working with these beautiful giants and young saplings, I have learned a few tricks on how to manage this infamous collection for future generations to enjoy.

12:15 – 1:30 LUNCH Provided
1:30 – 3:30 Concurrent Rotating Sessions
   **Community Engagement and Tree Preservation in Roanoke’s Urban Forest** - Jamie King, City of Roanoke
   Roanoke City Urban Forestry’s story about engaging the community and professional partners to attempt the preservation of an important tree.

   **What Does Urban Soil Look Like Below Ground?** - Adam Braaten, Bartlett Tree Experts
   An Air-Spade will be used to investigate soil profiles and tree root structure of urban trees.

   **B&B and Container Planting Techniques** - Lindsey Purcell, Purdue University
   Tree planting tips and tricks for B&B and containerized trees.