

Joseph M. Murray  
752 Hillcrest Drive, Staunton, VA 24401  
(540) 453-2349  
[murray@treebio.com](mailto:murray@treebio.com)

## **Arboriculture**

- 2012 Woody Plant Biology and Maintenance. Fairfax Master Gardener Training. Fairfax, VA. January 18, 2012.
- 2012 Tree Biology Through The Seasons. Mid-Atlantic Horticulture Short Course. Newport News, VA. January 30, 2012.
- 2012 Mulch: The Good, Bad, & Ugly. Mid-Atlantic Horticulture Short Course. Newport News, VA. January 31, 2012.
- 2012 Conifer Tree Biology. Mid-Atlantic Horticulture Short Course. Newport News, VA. February 1, 2012.
- 2012 Mother Nature's Graffiti: The Biology Behind Invasive Tree Species. Virginia Association of Forest Health Professionals. Staunton, VA. February 6, 2012.
- 2012 Climate Change And Tree Biology. Tree Care Symposium: Plant Stresses In The Environment. Lewis Ginter Botanical Garden. Richmond, VA. March 2, 2012.
- 2012 Trees And Turf: An Antagonistic Relationship. Tree Care Symposium: Plant Stresses In The Environment. Lewis Ginter Botanical Garden. Richmond, VA. March 2, 2012.
- 2012 MAC-ISA Certified Arborist Training. Washington, DC. March 6-8, 2012.
- 2012 Woody Plant Biology And Maintenance. Charlottesville Master Gardener Training. Charlottesville, VA. March 12, 2012.
- 2012 How We Hurt The Trees We Love: A Caregiver's Dilemma. Northern Virginia Nursery & Landscape Association. Merrifield Garden Center. Fairfax, VA. March 12, 2012.
- 2012 How We Hurt The Trees We Love: A Caretaker's Dilemma. Richmond Tree Stewards. Richmond, VA. March 13, 2012.
- 2012 Topic TBA. Lynchburg Arbor Day Celebration. Lynchburg, VA. April 28, 2012.
- 2012 How Do Trees Work? The Biology and Growth Of Woody Stemmed Plants. Daylong Workshop. School of Arboriculture. Morris Arboretum of the University of Pennsylvania. Philadelphia, PA. April 30, 2012.
- 2012 MAC-ISA Certified Arborist Training. Fairfax, VA. June 12, 19, 26, 2012.
- 2012 Mulch: The Good, Bad and Ugly. (Keynote) Master Gardener College. Virginia Cooperative Extension. Virginia Tech. Blacksburg, VA. June 22, 2012.
- 2012 Mother Nature's Graffiti: The Biology Behind Invasive Tree Species. Master Gardener College. Virginia Cooperative Extension. Virginia Tech. Blacksburg, VA. June 22, 2012.
- 2012 MAC-ISA Certified Arborist Training. Abingdon, VA. July 17-19, 2012.
- 2012 Trees Have Hormones... And Know How To Use Them! (Keynote) Arizona Community Tree Council Annual Conference. Chandler, AZ. September 21, 2012
- 2012 What Trees Expect of Soil. Arizona Community Tree Council Annual Conference. Chandler, AZ. September 21, 2012
- 2012 MAC-ISA Certified Arborist Training. Washington, DC. December 4-6, 2012.

## **Education**

2012 Appalachian Environmental Studies Learning Community: Finding Common Ground Between English Composition And General Biology. Two-Year English Association-Southeast. Virginia Beach, VA. February 24, 2012.

2012 Appalachian Environmental Studies Learning Community: Yes, It Is As Fun As It Sounds. New Horizons. Roanoke, VA. March 22, 2012.