

## TOPIC: PROPAGATION, PLANTING & ESTABLISHMENT

### TREE Fund Awards and Webinars as of 8/2018\*



<u>Year</u>	<u>Awardee</u>	<u>Organization</u>	<u>Project Title</u>
2018	Dr. Andrew Hirons	Myerscough College	<a href="#">Enhancing the performance of urban storm water management schemes with tree selection: developing a new approach to accessing waterlogging tolerance in temperate trees</a>
2018	Dr. Michael Arnold	Texas A&M	<a href="#">WEBINAR: Do Planting Stock Decisions Really Make Much Difference Down The Road?</a>
2017	Dr. Nina Bassuk	Cornell University	<a href="#">Enhancing Tree Transplant Success through the Manipulation of Root Hydraulic Conductance</a>
2017	Dr. Andrew Hirons	Myerscough College	<a href="#">WEBINAR: Drought Tolerance in Trees – Improving Tree Selection for Challenging Urban Sites”</a>
2016	Dr. Camilo Ordonez	Ryerson University	<a href="#">Investigating Street Tree Decline and Mortality in Commercial Urban Spaces Revitalized with Structural Soil Cell Technology to Improve Planting and Maintenance Practices</a>
2015	Dr. Michael Arnold	Texas A&M AgriLife Research	<a href="#">Long-Term Impact of Container Size on Tree Establishment</a>
2015	Dr. Nina Bassuk	Cornell University	<a href="#">WEBINAR: Strategies for Successful Urban Tree Growth in Wet and Dry Sites</a>
2015	Dr. Andrew Hirons	Myerscough College	<a href="#">Improving Urban Forest establishment, Resilience and Performance using Trait-Based tree Selection</a>
2015	Dr. Henrik Sjöman	Swedish University of Agricultural Science / Gothenburg Botanic Garden	<a href="#">The role of tree species in cooling the urban climate - application in tree planting and landscape architecture</a>
2014	Dr. Manuela Baietto/Daniele Bassi	University of Milan	<a href="#">Effect of root-stimulating treatments on physiologic and growth performances of Platanus x acerifolia and Ulmus pumila seedlings</a>
2014	Dr. Haiying Liang	Clemson University	<a href="#">Development of molecular markers for redbay (Persea borbonia L.)</a>
2013	Angela Hewitt	The Morton Arboretum	<a href="#">Establishment and stability of large trees transplanted bare root</a>
2011	Dr. Michael Arnold	Texas A&M	<a href="#">Does Size Really Matter with Container-Grown Trees?</a>
2011	Dr. Alessio Fini	University of Florence	<a href="#">Effects of root severance by excavation on growth, physiology and uprooting resistance of two urban tree species</a>
2011	Dr. Edward Gilman	University of Florida	<a href="#">Effect of Container Size on tree establishment and anchorage</a>
2010	Dr. Michael Arnold	Texas A&M	<a href="#">Does Propagation Method Impact Survival and Growth of Below Grade Planted Trees?</a>
2008	Dr. Susan Day	Virginia Tech	<a href="#">Can Improved Urban Soil Management Result in Increased Soil Carbon Storage and Greater Tree Growth?</a>
2008	Dr. Edward Gilman	University of Florida	<a href="#">Effects of Root Pruning Newly Planted and Large Trees on Decay, Root regeneration and Stability</a>

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2008	Dr. Thayne Montague	Texas Tech	<a href="#">Impact of Post-Establishment Applied Organic Mulch on Gas Exchange and Growth of Landscape Tree Species</a>
2008	Dr. J. Ryan Stewart	University of Illinois	<a href="#">Consequences and impacts of wire basket retention and removal on establishment and root morphology of a shallow-rooted and a deep-rooted tree species</a>
2007	Dr. Michael Arnold	Texas A&M	<a href="#">Assessing Field Level Cold Tolerance in Improved Genotypes of Taxodium Distichum Tolerant of Alkaline Soils and Drought</a>
2007	Dr. Michael Arnold	Texas A&M	<a href="#">Soil, Irrigation, and Production Factors Influencing Establishment on Container-Grown Trees at Various Planting Depths</a>
2007	Dr. Marcus Bellett-Travers	Nottingham Trent University	<a href="#">The Comparative Cost-Benefit of Compound Greenwaste as a Mulch and Soil Amendment for the Improved Establishment Success of Municipal Tree Planting</a>
2007	Grant Jones	Davey Institute	<a href="#">Mycorrhizae and Drought Stress in New Urban Plantings</a>
2007	Dr. Glynn Percival	Bartlett Tree Research Laboratory	<a href="#">The Influence of Synthetic Water Holding Polymers on Increasing Transplant Success of Trees</a>
2006	Dr. Bonnie Appleton	Virginia Tech	<a href="#">Refining Techniques for root Ball Soil and Substrate Removal at Planting</a>
2006	Dr. Nina Bassuk	Cornell University	<a href="#">Improving Oak Transplant Success by Investigating the Effects of Caliper Size an Establishment</a>
2006	Dr. Susan Day	Virginia Tech	<a href="#">Rehabilitation of Urban Soils: A Critical First Step for Long-Term Soil Productivity and Canopy Cover in Urban Forests</a>
2006	Dr. Edward Gilman	University of Florida	<a href="#">Effects of Container Types and Root Pruning on Root Quality and tree Stability</a>
2006	Dr. Edward Gilman	University of Florida	<a href="#">Evaluating Staking Systems Effectiveness in Wind Storms</a>
2006	Dr. Glynn Percival	Bartlett Tree Research Laboratory	<a href="#">Reducing Transplant Losses and Enhancing Disease Resistance of Newly Planted Trees Using Triazole Compounds</a>
2006	Dr. Bruce Roberts	Ohio Wesleyan University	<a href="#">New Technology to Improve Post-Plant Survival and Stress Resistance in Urban Trees</a>
2006	Dr. Ryan Stewart	University of Illinois	<a href="#">Is Transplanted Tree Mortality Due to Mechanical Damage or to Desiccation During Transport?</a>
2005	Dr. Bonnie Appleton	Virginia Tech	<a href="#">Removing Soil and Substrate from Root Balls at Planting</a>

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2005	Dr. Nina Bassuk	Cornell University	<a href="#">Root Hardiness of Trees and Shrubs Suitable for Container Planting in Urban Landscapes</a>
2005	Dr. T. Davis Sydnor	The Ohio State University	<a href="#">The Occurrence, Impact and Correction of Excessive Soil Over the Root System of Container-Grown Trees</a>
2005	Dr. Christina Wells	Clemson University	<a href="#">Long Term Impacts of Deep Planting on Yoshino Cherry (Prunus x yeodensis) and Red Maple (Acer Rubrum)</a>
2005	Tedla Woldemichael	Ethiopia	<a href="#">Adaptability Trial of Fifteen Eucalyptus Tree Species in Central Ethiopia</a>
2004	Dr. Douglas Airhart	Tennessee Tech University	<a href="#">Evaluation of Trunk Flare Planting Depth of Field-Grown Trees from Tennessee Nurseries</a>
2004	Dr. Susan Day	Virginia Tech	<a href="#">Planting Deep: Evaluating Long-Term Effects on Trees and Methods of Diagnosis and Treatment</a>
2004	Peter Lumsden	University of Central Lancashire	<a href="#">Use of Soil Injections of Carbohydrates to Improve Root Development and Aid Transplanting Success of Woody Species</a>
2004	Dr. Bruce Roberts	Ohio Wesleyan University	<a href="#">Use of Compost-Amended Soils and Commercial Substrates to Enhance Transplant Success in Urban Plantings</a>
2004	Dr. Jun Yang	University of California	<a href="#">Study the Feasibility of Using Heavily Pruned Large Size Seedlings as Transplanting Materials in Street Tree Planting</a>
2003	Dr. Bonnie Appleton	Virginia Tech University	Tree Support Systems: Trunk Staking vs. Foot Ball Anchoring
2003	Dr. Michael Arnold	Texas A&M University	Interactions Among Planting Depths and Mulch Applications on Establishment of Hypoxia Tolerant and Intolerant Trees
2003	Jeff Gillman	University of Minnesota	Effects of Planting Depth on Tree Growth and Stem Girdling Roots
2001	Dr. Bonnie Appleton	Virginia Tech	Dealing with Wire Baskets at Transplanting
2001	Dr. Nina Bassuk	Cornell University	Rating Trees for Their Tolerance of Soil Flooding in Amended and Compacted Sites
2001	Dr. Nina Bassuk	Cornell University	Selection and Clonal Propagation Superior Oak Ecotypes
2001	Dr. Graeme Berlyn	Yale University	Detection of Drought Stress in Paper Birch (Betula Papyrifera) Seedlings Using Non-invasive Methods
2001	Dr. Linda Chalker-Scott	University of Washington	Treating Containerized Trees as Bare-Root Material: A Comparison of Tree Installation Techniques

\*Note: Website archives start in 2004.