TOPIC: PLANT HEALTH CARE

TREE Fund Awards and Webinars as of 2/2018*

Year	Awardee	Organization	Project Title
2017	Dr. Liliana Franco-Lara	Universidad Militar Nueva Granada	Identification of possible insect vectors of phytoplasmas in Quercus humboldtii Bonpla in Bogotá, Colombia
2017	Dr. Rachael Antwis	University of Salford	Fighting Microbes with Microbes to Protect Our Native Trees
2016	Dr. Francesco Ferrini	University of Florence	Effect of topping on microclimate condition and human comfort
2016	Dr. Edward Gilman	University of Florida	WEBINAR: An Approach to Pruning You Won't Forget
2016	Dr. Justin Morgenroth	University of Canterbury	Measuring tree response to increasing root removal intensities
2016	Dr. Camilo Ordonez	Ryerson University	Investigating Street Tree Decline and Mortality in Commercial Urban Space
2016	Dr. Glynn Percival	Bartlett Tree Research Laboratory	Can Soil Amendments Reduce Disease Severity in Trees
2015	Dr. Whitney Cranshaw	Colorado State University	Improving Management Tools for Drippy Blight of Red Oaks
2015	Dr. Andrew Hirons	Myerscough College	Improving Urban Forest establishment, Resilience and Performance using Trait-Based tree Selection
2014	Stephanie Adams	The Morton Arboretum	Assessing horticultural products as alternative treatments for managing fungal foliar infections
2014	Dr. Oleksandr Gromyko	Ivan Franko National University of Lviv	Screening of actinobacteria for activities that protect trees against bacterial and fungal diseases
2014	Dr. Haiying Liang	Clemson University	Development of molecular markers for redbay (Persea borbonia L.)
2012	Dr. Travis Marsico	Arkansas State University	Determining influences of stream channelization and an invasive species on rate of canopy tree growth in an urban park
2012	Jason Miesbauer/Dr. Edward Gilman	University of Florida	Tree Response to pruning cuts on branches that lack collars
2011	Matt Follett	University of Quebec	Effect of Pruning Type on Crown Motion
2011	Dr. Edward Gilman	University of Florida	Failure potential of limbs receiving reduction of heading cuts, and of resulting sprouts, in directional, structural, or restoration pruning
2011	Dr. Richard Hauer	University of Wisconsin-Stevens Point	Economics and Emerald Ash Borer Management
2010	Dr. Michael Arnold	Texas A&M University	Cutting Baldcypress off at the Knees
2010	Dr. Nina Bassuk	Cornell University	Ground Penetrating Radar
2010	Dr. Brian Kane	University of Massachusetts-Amherst	Growth and dynamic motion of cabled trees with co-dominant trunks
2009	Dr. Daniel Herms	The Ohio State University	Survey for Tolerance to Emerald Ash Borer within North American Ash Species
2008	Dr. Susan Day	Virginia Tech	Can Improved Urban Soil Management Result in Increased Soil Carbon Storage and Greater Tree Growth?
2008	Dr. Jason Griffin	Kansas State University	Investigations Into Pine Wilt Resistant Pinus Sylvestris
2008	Dr. Roger Harris	Virginia Tech	Best Management for Deeply Planted Trees with Adventitious Roots

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2008	Dustin Meador	University of Florida	Impact of Root Severance and Root Regeneration Potential of Large Diameter, Mature Woody Roots
2008	Dr. Glynn Percival	Bartlett Tree Research Laboratory	Can Biostimulants Enhance Disease Resistance in Urban Trees?
2008	Dr. Bryant Scharenbroch	The Morton Arboretum	The Impacts of Aerated Compost Teas on Trees, Soils and the Environment
2007	Dr. Edward Gilman	University of Florida	Effects of Structural Pruning on Red Maple Trunk Movement in Wind
2007	Dr. Jeffrey Gillman	University of Minnesota	The Effects of Wounding and Deep Mulching on Tree Growth and Internal Discoloration and Decay in Acer Rubrum "Northwoods"
2007	Thomas Green	The Morton Arboretum	Ash Root Collar Root Regeneration and Uptake of Merit Insecticide
2007	Dr. William Jacobi	Colorado State University	Is the Exotic Banded Elm Bark Beetle a Vector of the Dutch Elm Disease Pathogen?
2007	Dr. Ken James	University of Melbourne Australia	Effect of Pruning on Stability of Trees in Windstorms
2007	Dr. James Lashomb	Rutgers University	Impact of Imidacloroprid of Disease Severity and Vector Recolonization in Oaks Susceptible to Bacterial Leaf Scorch
2007	Dr. Glynn Percival	Bartlett Tree Research Laboratory	Novel Disease Control Compounds to Reduce Pesticide Usage in the Arboricultural Industry
2007	Dr. Bryant Scharenbroch	The Morton Arboretum	Towards Improving Soil Biology and Organic Matter for Urban Tree Health
2007	Dr. Jason Smith	University of Florida	Improving Hazard Tree Diagnostic Tools for Arborists: How Well Do Visual Observations of Fungal Fruiting Bodies Predict Extent of Wood Decay in Urban Trees?
2010	Dr. Gary Watson	The Morton Arboretum	Evaluating damage resulting from volcano mulching
2006	Dr. Perluigi Bonello	The Ohio State University	Effects of Soil Type, Cultural Practices, and Mycorrhizal Inoculation on Native Mycorrhizal, Carbon Allocation and Stress Tolerance in Paper Birch
2006	Dr. Perluigi Bonello	The Ohio State University	Identification of Signaling Molecules in the Systemic Induced Resistance Phenomenon in Austrian Pine
2006	Dr. Susan Day	Virginia Tech	Rehabilitation of Urban Soils: A Critical First Step for Long-Term Soil Productivity and Canopy Cover in Urban Forests
2006	Dr. Hallie Dozier	Louisiana State University	Mature Tree Response to Hurricane-Related Flooding in the Northern Gulf Coast Communities

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2006	Dr. Richard Hauer	University of Wisconsin	Street Tree Decline and Construction Damage: Long term Impacts of Infrastructure Repair on the Survivability and Condition of Trees
2006	Dr. William Jacobi	Colorado State University	Impact of Magnesium Chloride Solutions on Rhizosphere of Four Tree Species
2006	Michael Mickelbart	Purdue University	Optimization of Sulfur Fertilization for Improved Tree Growth and Health
2006	Dr. Glynn Percival	Bartlett Tree Research Laboratory	Improving Winter and Salt Hardiness of Evergreen Trees
2006	Dr. Glynn Percival	Bartlett Tree Research Laboratory	Reducing Transplant Losses and Enhancing Disease Resistance of Newly Planted Trees Using Triazole Compounds
2006	Dr. Jason Smith	University of Minnesota	Identifying Genes Involved in Resistance to White Pine Blister Rust In Eastern White Pine (Pinus Strobus)
2005	Dr. William Bauerle	Clemson University	Urban Landscape Water Use Management: Estimating Application Rates for Urban Trees
2010	Dr. Edward Gilman	University of Florida	Effects of tree form and branch orientation on load response
2005	Dr. Jason Grabosky	Rutgers University	Measuring Branch Architecture and Localized Wood Strength Properties to Develop Load Distribution Models
2005	Dr. J. Roger Harris	Virginia Tech	Can Arborists Create a Sustainable Rhizosphere?
2005	Maya Hayslett	University of Minnesota	The Relative Importance of Nitidulid Species and Bark Beetles in the Transmission of the Oak Wilt Fungus Ceratocystis Fagacearumin Texas and Missouri
2005	Dr. Jennifer Juzwik	University of Minnesota	Implications of the Distribution of Propiconazole in Red Oaks on the Management of Below Ground Spread of Ceratocystis Fagacearum
2005	John Lloyd	University of Idaho	Effects of Reduction Pruning on Growth, Decay and Morphology of Tree Branches
2005	Dr. Joe McBride	University of California, Berkeley	Pest Vulnerability Matrix (PVM): A Graphic Model for Assessing the Interaction Between Tree Species Diversity and Urban Forest Susceptibility to Insects and Diseases
2005	Dr. Glynn Percival	Bartlett Tree Co./UK	Evaluation of Novel Film Forming Polymers to Reduce Freezing and Salt Damage in Urban Trees
2005	Dr. Glynn Percival	Bartlett Tree Co./UK	Systemic Induced Resistance to Control Root and Foliar Diseases of Urban Trees

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Year	Awardee	Organization	Project Title
2005	Dr. Lisa Samuelson	Auburn University	Understanding Water Needs and Drought Tolerance in Mature Trees Used in Urban Settings
2005	Dr. Guido Schnabel	Clemson University	Gastrodiani: A Possible New Tool to Manage Soil Bourne Diseases of Woody Plants
2005	Dr. Christina Wells	Clemson University	Long Term Impacts of Deep Planting on Yoshino Cherry (Prunus x yeodensis) and Red Maple (Acer Rubrum)
2004	John Andrews	University of Wisconsin-Madison	Epidemiology and Control of Sudden Oak Death
2004	Shawn Bernick	Rainbow Treecare Scientific Advancements	The Efficacy of Paclobutrazol Application as it Relates to Timing of Utility Right-of-Way Pruning
2004	Dr. Susan Day	Virginia Tech	Planting Deep: Evaluating Long-Term Effects on Trees and Methods of Diagnosis and Treatment
2004	Dr. Monica Elliott	University of Florida-IFAS	Uptake, distribution and persistence of systemic fungicides in large palms
2004	Dr. Lawrence Hanks	University of Illinois	Evaluating Floral Attractants of Parasitic Insects to Improve Regulation of Plant Feeding Pests
2004	Dr. J. Roger Harris	Virginia Tech	Long-Term Effects of Container Production
2004	Dr. Daniel Herms	The Ohio State University	Characterization of Variation and Mechanisms of Resistance and Susceptibility of Asian and North American Ash Species to Emerald Ash Borer
2004	Dr. Daniel Herms	The Ohio State University	Effects of Fertilization and Paclobutrazol on Carbon Allocation, Stress Tolerance, and Insect Resistance of Paper Birch
2004	John Lloyd	University of Idaho	Assessing the Effect of Nutrient Availability on Ponderosa Pine Resources Allocation Between Growth and Defenses
2004	Dr. Glynn Percival	Bartlett Tree Experts	Identifying Causes of Tree Decline in Urban Environments Using Fluorescence "Fingerprinting"
2004	Dr. Glynn Percival	Bartlett Tree Research Lab	The Use of Biologically Inert Film Forming Polymers to Control Foliar Diseases of Urban Trees
2004	Dr. Michael Raupp	University of Maryland	Do Eradication Programs for Exotic Wood Borers Result in Mite Outbreaks?
2004	Dr. T. Davis Sydnor	The Ohio State University	Evaluating Root Crown Excavation as a Treatment to increase the Vigor and Survivability of Landscape Trees with Excessive Soil on the First Order Lateral Roots

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Year	Awardee	Organization	Project Title
2004	Dr. Ned Tisserat	Colorado State University	Prevention of Pine Wilt of Scots Pine with Systemic Injections of Abamectin
2003	Dr. Joel Coats	Iowa State University	Influence of Elm Foliar Chemistry on Japanese Beetle Feeding Preference and Suitability
2003	Richard Dodd	University of California	Resistant Oak Species and Genotypes to Sudden Oak Death
2003	Dr. Edward Gilman	University of Florida	Quantifying effects of Pruning Type and Dose on Trunk Stress From Wind Loading
2003	Dr. Edward Gilman	University of Florida	Shade Tree Response to Reduction Pruning
2003	Jeff Gillman	University of Minnesota	Effects of Planting Depth on Tree Growth and Stem Girdling Roots
2003	Dr. Fred Hain	North Carolina State University	Biological Control of the Hemlock Woolly Adelgid, Adelges Tsugaeand, in the Ornamental Landscape
2003	Dr. Daniel Herms	The Ohio State University	Effects of Fertilization and Paclobrutrazol on Carbon Allocation, Stress Tolerance and Insect Resistance of Paper Birch
2003	Dr. Kelli Hoover	Penn State University	Host Preference and Larval Performance of Asian Longhorned Beetle
2003	James Klett	Colorado State University	Water Use in a Multi-Canopy Urban Landscape
2003	Dr. Christopher Luley	Davey Resource Group	Evaluation of the Fate of Ice Storm Damage Urban Trees
2003	Dr. Chris Martin	Arizona State University	The Effects of Landscape Change on Urban Trees Resiliency
2003	Dr. Gard Otis	University of Guelph	Behavior and Pheromones of the Emerald Ash Borer
2003	Dr. Glynn Percival	Bartlett Tree Experts	The Influence of Calcium Fertilization on Disease Resistance in Urban Trees
2003	Chuck Schuster	University of Maryland	The Effects of Nitrogen Fertilization Rates on Insect Activity and Damage
2003	Dr. Christina Wells	Clemson University	Viability and Infectivity of Vesicular-Arbiscular Mycorrhizal Products Marked for Landscape Trees
2002	Dr. John Ball	South Dakota State University	The Distribution of Weight in the Canopy of Deciduous Trees: Implications for Crown Thinning and Tree Support Systems
2002	Dr. Taryn Bauerle	Cornell University	Exploration of Woody Endophytes for Increased Tree Performance
2002	Dr. Glynn Percival	Bartlett Tree Research Lab	Sugar Feeding to Enhance Disease Resistance of Urban Trees
2001	Barbara Burns	Vermont Dept. of Forests, Parks & Recreation	Analysis of Tree Diagnoses Over a 20 Year Period
2001	Dr. Whitney Cranshaw	Colorado State University	Evaluation of Non-targeted Effects of Turfgrass Insecticide Use on Shade Tree Arthropods

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2001	Dr. Bert Cregg	Michigan State University	Winter Injury in Crabapples: Interaction of Salt and Cold
2001	Dr. Laura Jull	University of Wisconsin-Madison	Controlled Environment Evaluation of Aerated Compost Tea
2001	Dr. Laura Jull	University of Wisconsin-Madison	N as a Tracer to Evaluate Fertilizer Application Rates and Growth Phase Differences
2001	Dr. Michael Kuhns	Utah State University	The Role of Education in Acceptability of Directional Pruning in Utility Line Clearance
2001	Dr. James Lashomb	Rutgers University	Monitoring Techniques for Bacterial Leaf Scorch
2001	Dr. Chris Martin	Arizona State University	Effect of Commercial Parking Lots on Size and Productivity of Landscape
2001	Dr. Glynn Percival	Bartlett Tree Experts	Evaluation of the SPAD Meter to Determine Leaf Chlorophyll Concentrations
2001	Dr. Michael Raupp	University of Maryland	Effects of Systemic Insecticides on Natural Enemy Communities in Established Landscape Trees
2001	Dr. David Rizzo	University of California	Investigation of a New Disease of London Planetrees in the Central Valley of California
2001	Dr. Guido Schnabel	Clemson University	Fungicidal Activity of Gastrodianin to Pathogenic Armillaria Sp. From North America

**Note: Website archives start in 2004.*