

TOPIC: PLANT HEALTH CARE (PESTS, DISEASES, INVASIVES)

TREE Fund Awards and Webinars as of 8/2018*



<u>Year</u>	<u>Awardee</u>	<u>Organization</u>	<u>Project Title</u>
2018	Dr. Whitney Cranshaw	Colorado State University	WEBINAR: Invasive Insects of Shade Trees: A 30 Year Perspective from Colorado
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. 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
2009	Dr. Daniel Herms	The Ohio State University	Survey for Tolerance to Emerald Ash Borer within North American Ash Species
2008	Dr. Jason Griffin	Kansas State University	Investigations Into Pine Wilt Resistant Pinus Sylvestris
2008	Dr. Glynn Percival	Bartlett Tree Research Laboratory	Can Biostimulants Enhance Disease Resistance in Urban Trees?
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? Impact of Imidacloprid of Disease Severity and Vector Recolonization in Oaks
2007	Dr. James Lashomb	Rutgers University	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. 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? Effects of Soil Type, Cultural Practices, and Mycorrhizal Inoculation on Native
2006	Dr. Perluigi Bonello	The Ohio State University	Mycorrhizal, Carbon Allocation and Stress Tolerance in Paper Birch

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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 (<i>Pinus Strobus</i>)
2005	Maya Hayslett	University of Minnesota	The Relative Importance of Nitidulid Species and Bark Beetles in the Transmission of the Oak Wilt Fungus <i>Ceratocystis Fagacearum</i> 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 <i>Ceratocystis Fagacearum</i>
2005	Dr. Glynn Percival	Bartlett Tree Co./UK	Systemic Induced Resistance to Control Root and Foliar Diseases of Urban Trees
2005	Dr. Guido Schnabel	Clemson University	Gastrodiani: A Possible New Tool to Manage Soil Bourne Diseases of Woody Plants
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. 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. 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	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. 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. Fred Hain	North Carolina State University	Biological Control of the Hemlock Woolly Adelgid, <i>Adelges Tsugae</i> and, in the Ornamental Landscape

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2003	Dr. Daniel Herms	The Ohio State University	Effects of Fertilization and Paclobutrazol 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	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. Glynn Percival	Bartlett Tree Research Lab	Sugar Feeding to Enhance Disease Resistance of Urban Trees
2001	Dr. Whitney Cranshaw	Colorado State University	Evaluation of Non-targeted Effects of Turfgrass Insecticide Use on Shade Tree Arthropods
2001	Dr. James Lashomb	Rutgers University	Monitoring Techniques for Bacterial Leaf Scorch
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.