Matt Taylor, Ph.D.,
Director, Research and Conservation

About the Speaker
Dr. Matt Taylor leads the Horticulture Research division at Longwood Gardens and is responsible for the initiation, design, implementation and presentation of research projects. This includes the evaluation of plant materials for display, breeding, research opportunities and commercial release. He also manages the soil and tissue culture laboratories and has expertise in plant propagation, pH management, and nutrition in addition to an innovative Camellia azalea breeding program.

Dr. Taylor is an adjunct professor at the University of Delaware and an instructor for the Longwood Professional Horticulture and Continuing Education Programs. He’s also a past guest lecturer and teaching assistant at North Carolina State University and the University of Florida.

He holds a Doctor of Philosophy in Horticulture Science from North Carolina State University, a Master of Science in Horticulture Science from the University of Florida, and a Bachelor of Science in Horticulture from the Pennsylvania State University.

Prior to joining Longwood in 2008, Dr. Taylor worked for a number of farms and greenhouses throughout the eastern United States. He is also an award-winning member of numerous national horticulture and floriculture associations.

Signature Presentation
Making a Better Camellia: Breeding at Longwood Gardens
Take a behind-the-scenes look into the camellia breeding process that has been at Longwood since the early 1960s. Learn about two of the hardiest camellias created at Longwood including the “Longwood Centennial” and the “Longwood Valentine.”

(continued)
Social Media (Videos, Blogs, etc.)
Longwood Gardens Silva Cell Install: http://www.youtube.com/watch?v=Z6ejkP8yMtQ
Overcoming loss of vigor in cornflower blue cineraria (pericallis x hybrid) at Longwood Gardens. http://www.longwoodgardens.com/CornflowerBlueCinerariaVigor.html
Plant Strategies for Acquisition of Phosphorus and Possible Mechanisms Involved in Sudden pH Decline in Geranium. AgSystems Express, Timely Technical Information for the Agricultural Community. http://www.agsystemsexpress.com

Testimonials
“This nice man is knowledgeable, organized, calm, articulate, in short another Longwood treasure.”
“Intense, but really interesting. . . I think it really helped me get a better handle on production in greenhouses, far more than either greenhouse management or floriculture ever did.”
“The instructor was pretty awesome with his custom animated slides to explain difficult concepts… that was very helpful.”

Breeding at Longwood Gardens–Independent Plant Breeders Conference
Going Green: Biocontainers – OFA – An Association of Floriculture Professionals 2010 Short Course and Trade Show
Somatic embryogenesis and embryo germination of Camellia azalea × Camellia japonica “Maiden of Great Promise” – International Camellia Congress. Kurume, Japan
Compost Production and Use at Longwood Gardens – International Plant Propagators Society Eastern Region Meeting
Sudden pH Decline by Geranium – North Carolina Commercial Flower Growers’ Association
Incidence of Blossom-End Rot and Fruit Firmness of Tomato Affected by Irrigation Quantity and Ca Source – Florida State Horticultural Society

In the News
Greenhouse Management
Greenhouse Grower
Lawn & Landscape Magazine
American Camellia Yearbook
Living Art Magazine
Clivia News
The Camellia Digest
HortScience
HortTechnology
Journal for the American Society for Horticulture Science