

Class Descriptions

Thursday, January 24th.

MORNING BREW Kick Off Session

Woodland Garden Design: Dynamic and Conserving

Rick Darke, RICK DARKE LLC, Landenberg, PA

8:15 A.M. - 9:15 A.M. • ELLIS/ TURFWAY BALLROOM

PEST MANAGEMENT

Carriage Ballroom

Transplant Shock: Disease or Cultural Problem?

9:35 a.m. - 10:35 a.m.

Nicole Ward Gauthier, Ph.D., Department of Plant Pathology, Univ. of Kentucky

Newly planted trees and shrubs are at high risk for drought, exposure, acclimation, insects, disease, and more. Often, it is difficult to determine the cause for plant decline or death, and disease is assumed. This session will cover many of the risks presented within the first 3 to 5 years of planting, as well as some tips for differentiating between abiotic stresses and disease symptoms. Disease management will be the focus. Case studies will be presented as examples, but general discussion is welcome.

Troublesome Weeds of Nursery / Landscape

10:40 a.m. - 11:40 a.m.

Mark Czarnota, Ph.D., University of Georgia, Griffen

What is the name of that weed? How do I control it? Unfortunately, many plants have evolved to become unwelcomed guests in our nurseries and landscape. We all have seen them, but just knowing a weeds life cycle can be the key to controlling it. Is it an annual, perennial, or biennial? Is there a selective herbicide that I can use to control this weed, or is cultivation best? Learn to identify major weeds in the landscape, and how to control them.

Rose Rosette and Boxwood Blight

1:15 p.m. - 2:30 p.m.

Alan Windham, Ph.D., University of Tennessee, Nashville

Rose rosette and boxwood blight have the potential to change the look of Kentucky landscapes. Rose rosette destroys shrub roses in residential and commercial landscapes. Boxwood blight is now showing up in landscapes where no boxwoods were recently introduced. The University of Tennessee has one of the largest rose rosette research programs in the U.S. Learn how to identify these diseases, become acquainted with the best management practices for both and be updated on the latest research results regarding rose rosette.

Managing New Pests and Concerns

2:35 p.m. - 3:35 p.m.

Ric Bessin, Ph.D., Dept. Entomology, University of Kentucky

There are some established new pests that will be reviewed including brown marmorated stink bug and ambrosia beetles and others that are not here yet, but we need to be able to recognize of they get here including spotted lanternfly and Asian longhorned beetle.

PLANTS AND DESIGN

Ellis/Turfway Ballroom

Native Plants: A Season at LBL's Hematite Lake

9:35 a.m. - 10:35 a.m.

Winston Dunwell, Ph.D., Univ. of Kentucky

Beautiful Kentucky native plants abound in Kentucky in the woodlands and by the roadside. Win Dunwell heard of several notable orchids in the area around Land Between the Lakes' Hematite Lake. The search for the orchids lead to finding, several orchid species and other native and invasive plants. Mid-April through the end of the year visits to Hematite Lake lead to many discoveries. Pictures and discussion relate to travels in-the-woods near the lake will be presented.

Diversity by Design: Growing and Planting with Nature

10:40 a.m. - 11:40 a.m.

Andrea Mueller, InsideOut Design, Frankfort, KY

The nursery and landscape industry has the unique ability to shape our environment in a positive way, one property at a time. As growers, designers/architects, and installers, we can lead our clients to ecologically sound landscapes with plants growing where they belong and eliminating invasive species. Using a diverse palette of plants and design schemes benefits our ecosystem, while adding the dimension of wildlife and preservation to our landscapes.

Plant Choices and Strategies for Layered Kentucky Landscapes

1:15 p.m. - 2:30 p.m.

Rick Darke, RICK DARKE LLC, Landenberg, PA

The long-term health, beauty and durability of designed landscapes are dependent upon the deeply informed selection of plants suited to local purpose. Within a design context, this presentation will discuss the aesthetics, growth characteristics, adaptability and stewardship needs of a range of plants capable of enlivening and enriching Kentucky landscapes.

Green Heart Louisville Project

2:35 p.m. - 3:35 p.m.

Christopher Chandler, The Nature Conservancy, Louisville, KY

Chris, as Cities Program Director for the Kentucky Chapter of the Nature Conservancy, will feature Louisville's Green Heart project. Louisville has one of the highest levels of air pollution in the United States. For six years in a row, the city has received an "F" from the American Lung Association for year-round particle pollution. The city is losing 54,000 trees each year due to age, invasive insects and development. Recent studies connect the city's poor air quality to higher risks of heart disease, obesity and diabetes-the leading causes of death in Louisville.

These are all huge challenges, but they also make Louisville the perfect laboratory to test the hypothesis that trees and other plants can measurably improve human health and wellbeing. A lot of cities have programs to plant trees. Green Heart is different-it's the first project to combine tree planting with a scientific study of how greening a neighborhood can improve the health of its residents.

KEYNOTE

Plants are more than pretty! How to explain that to consumers

3:40 p.m. - 4:40 p.m.

Marvin Miller, Ph.D., Ball Horticultural, West Chicago, IL

Research has shown that plants have economic, environmental, psychological and sociological benefits. And these benefits all add value to plants. Projects such as Green Heart Louisville will help bring attention to some of these benefits and possibly even add to the list. Yet, so many consumers still buy plants just because they are pretty. While this is good, there is a new generation of consumers for which products will have to have additional benefits before consumers will be separated willingly from their money. And we may have some supply chain issues to grapple with as well. The potential is there to dramatically increase sales if we can only communicate these added values to the consuming public and present our products in some different ways. This talk will review our list of plant benefits and highlight some of the changing garden demographics which might require us to think about our products and services in a slightly, if not dramatically, different fashion.

DAILY CEU'S		
	Wednesday	Thursday
Arborist	10	9
Pesticide	5	5
Landscape Architect	3	9.5