



The *Best* of the *Best*



State Master Gardener Volunteer Conference and Awards Program

**November 8, 2019
7:30 a.m.—4:01 p.m.**

**Nationwide & Farm Bureau 4-H Center
2201 Fred Taylor Dr.
Columbus, Ohio 43221**



Greetings,

On behalf of the State MGV Advisory Committee, I am excited to invite you to the 2019 Annual MGV State Conference and Awards Program in Columbus, Ohio. We are holding this one-day conference on November 8, 2019 from 7:30 a.m. to 4:01 p.m. We did not have a county hosting this year and we did not want to go a year without honoring our fantastic volunteers at the Awards Program, therefore it is being hosted by the Advisory Committee.

I am thrilled with the lineup of speakers and the theme: Ohio, The Best of the Best. Many of you are familiar with our speakers and have perhaps heard them teach before. We have an incredible resource of horticulture teachers right here in Ohio who are passionate about teaching you. In addition, the Vice President for Agricultural Administration and College of Food, Agricultural and Environmental Sciences Dean, Dr. Cathann Kress, will be on hand at lunch time to congratulate the MGVs as well as help hand out our awards.

The cost for the day is \$100.00 and includes breakfast, lunch, and the conference. Doors open at 7:30 a.m. with breakfast served until 8:30 a.m. The program begins at 8:30 a.m. and ends at 4:01 p.m.

Registrations will be open until October 30, 2019 and will be online with a credit card only. You can register more than one person at a time online. At the time of registration, you will be asked to select one of the presentations during each breakout session. You will also receive an email confirmation for your registration and payment.

Please Note: If you are one of the 2018 MGV Award Winners and have a certificate for the 2020 conference, please contact Jo Brown at 937-521-3866 and she will register you – DO NOT register online as you will be asked to pay and we can't reimburse you after you have paid.

Be sure to read through this information as links to the program, registration, parking information and a parking pass are below. You will not be able to obtain a parking pass once you are at the conference. Print the parking pass and bring with you. We hope you will join us on November 8, 2019 from 7:30 a.m. – 4:01 p.m. for a great day of learning!

Pamela J. Bennett and the State Master Gardener Advisory Committee
Associate Professor, State Master Gardener Volunteer Program Director

Conference Program: <http://go.osu.edu/2019conferenceprogram>

To register online: <http://go.osu.edu/2019mgvstateconference>

Directions: <http://go.osu.edu/stateconferencedirections>

Parking information: <http://go.osu.edu/stateconferenceparking>

Parking pass (must print and place in dash of car): <http://go.osu.edu/conferenceparkingpass>

Questions, contact Denise Johnson at 614-292-6089 or johnson.2924@osu.edu



CONFERENCE SCHEDULE

- 7:30 Registration Open, Breakfast
- 8:30 Welcome – Auditorium
- 9:00 Breakout 1
The Best of the Best Small Trees for Ohio Landscapes
Avoiding Disaster by Design: Designing Urban Forests and Landscapes for Ecologically-sound Pest Management
Be Alert to BYGL: A Look Back to Look Forward
Plant Propagation
- 10:30 Breakout 2
Bees, Butterflies and Hummingbirds in the City: Bringing Pollinator Habitats to the Underserved Audiences
Conifer Conundrum
Taking the Trial to the People-Vegetable Gardeners as Scientists
Climate Change and Arboriculture: As Earth Warms, Trees Feel the Heat
- 11:45 Lunch – Auditorium
MGV State Awards Program
- 1:45 Breakout 3
Garden Detectives
I Love Fruits but Not the Pests!
Ferns and Their Friends
How to Teach a Horticulturist to Hug
- 3:00 Breakout 4
These Aren't Your Grandma's Annuals!
First Contact: How Should MGVs Respond to Alien Tree Pests
Vegetable Diseases: Major Catastrophe or Merely Minuscule
Community Gardening with Language Learners
- 4:01 Turn in Evaluation and safe travel home.

6 Hours of MGV Continuing Education for the day.

Breakout Sessions

Breakout 1

Jim Chatfield
OSU Extension
Associate Professor

The Best of the Best Small Trees for Ohio Landscapes

Not everyone has five or more acres to create their own arboretum. However, there is hope for the tree-lover who is on a small piece of land! Jim shares the best small landscape trees suitable for a small property .

Dan Herms
Vice President of Research and Development, Davey Tree

Avoiding Disaster by Design: Designing Urban Forests and Landscapes for Ecologically-sound Pest Management

Many insects that are rarely pests in natural ecosystems are prone to outbreaks in urban and ornamental landscapes because of factors that destabilize their populations. However, ecological interactions between plant-feeding insects, natural enemies, and their abiotic environment can be manipulated to prevent pest outbreaks. This presentation will review fundamentals of ecologically-based pest management programs that enhance plant health and the sustainability of ornamental landscapes.

Joe Boggs
OSU Extension
Assistant Professor
Commercial
Horticulture Educator

Be Alert to BYGL: A Look Back to Look Forward

The top tree and shrub pests reported in the Buckeye Yard and Garden Line (BYGL) Alerts in 2019 with an eye towards 2020. It's a look back to look forward! Management strategies will be presented with a focus on what works, and what doesn't work! Learn what you need to know to get prepared for the upcoming season.

William Barnhill
OSU Department of Horticulture and Crop Science
Research Technician

Plant Propagation

Gain insight on the professional propagation methods used in controlled environmental settings with focus on seed and asexual propagation. Participants will take away professional tips, tricks, and methods to apply at home for successfully propagation.

Breakout 2

Denise Ellsworth,
Program Director,
Pollinator Education

Bees, Butterflies and Hummingbirds in the City: Bringing Pollinator Habitats to the Underserved Audiences

"Cities (big and small) play a vital role as habitat for pollinators including bees, birds and butterflies. This session will focus on recent research on bees and other pollinators that live in urban areas, as well as practical steps we can take to create and enhance habitat in community gardens, green spaces and urban yards. Plant selection and simple design elements to favor pollinators will be highlighted.

*Participants in this session will be eligible to receive native perennial plants suited for urban areas for outreach/demonstration projects through OSU Entomology in 2020."

Breakout 2 (Continued)

Curtis Young
OSU Extension
Associate Professor

Conifer Conundrum

How many times do you have someone asking you the question, "What's wrong with my pine trees?" Of course, you know that you first have to make sure it's truly a pine! But where do you go from there? Curtis will discuss the most common problems we are seeing in the landscape on our conifers.

Natalie Bumgarner
University of Tennessee
Residential and
Consumer Horticulture
Specialist

Taking the Trial to the People- Vegetable Gardeners as Scientists

Witness how Tennessee Master Gardeners are combining traditional on-station trials with home garden variety trials to support home gardeners across the state. Focus will be on vegetables suitable to Ohio.

Dan Herms, Vice
President of Re-
search and Develop-
ment, Davey Tree

Climate Change and Arboriculture: as Earth Warms, Trees Feel the h=Heat

Earth has warmed sharply in recent years with impacts on tree growth and physiology, species range, pest pressure, and plant health care practices. This presentation will explore the implications of ongoing climate change for arboriculture and urban forestry, as well as the potential for urban forests to mitigate climate change.

Breakout 3

Amy Stone, OSU
Extension Educator

Garden Detectives

As Master Gardeners you enjoy the outdoors and probably spend an immense amount of time outside. While you are enjoying the beautiful side of horticulture, you should always be on the look-out for the not so good side. As MGVs you can be a first line of defensive when monitoring for invasive species, and can also be very helpful in spreading the word about invasive plants, insects and diseases that may be encountered in Ohio.

Erik Draper
OSU Extension
Associate Professor
Commercial Horticulture

I Love Fruits But Not the Pests!

What..... You don't like biting into an apple only to find a worm? Don't like the idea of eating SWD? Eric will go over the most common tree and small fruit pests in your garden and help you determine a management strategy.

Breakout 3 (Continued)

Jim Chatfield, OSU
Extension Associate
Professor, State
Horticulture Specialist

Ferns and Their Friends

In typical horticultural programming we talk of the seed plants, the true flowering/fruited plants, the Angiosperms, and the plants with naked seeds, the Gymnosperms. But what about plants that use spores for reproduction, but yet do have vascular systems - " such as ferns? And further, what about non-vascular plants? What about mosses, and what about liverworts? Algae, anyone?

Natalie Bumgarner
University of Tennessee
Residential and
Consumer Horticulture
Specialist

How to Teach a Horticulturist to Hug

Are Master Gardeners in Tennessee similar to those in Ohio? Come see how similar like-minded individuals can be. Hear stories of the personal benefits of the MG program. It is more than hours and numbers. Gardeners matter!

Breakout 4

Pam Bennett, OSU
Extension Associate
Professor, State MG
Program Director

These Aren't Your Grandma's Annuals!

Learn about the best of the best high performance annuals that require very little maintenance. This fast-paced colorful tour of field trials in Ohio covers those annuals that give you high impact with low maintenance.

Joe Boggs
OSU Extension
Assistant Professor
Commercial Horticulture
Educator

First Contact: How Should MGVs Respond to Alien Tree Pests

The accidental introduction of non-native tree pests continues to be a worldwide issue affecting every continent except Antarctica. The arrival and responses to alien tree-killing pests can produce a range of emotionally charged reactions. How should a Master Gardener react? Come and learn what to do if you spot a new potential invasive pest.

Erik Draper
OSU Extension
Associate Professor
Commercial Horticulture

Vegetable Diseases: Major Catastrophe or Merely Minuscule

Which of all diseases affecting vegetables, should a gardener be concerned will impact the garden this year and potentially next year? We will discover together the "bad actors" and the "minor distractions" of vegetable gardening. We will discuss viable management strategies, including cultivar selection, use of fungicides, organic options and the highly effective "roguing out"!

Margaret (Fitzpatrick)
Rivera
OSU Extension
Educator

Community Gardening with Language Learners

Learn how to work in a community garden setting with language learners (English as a second language). Discover when to Harvest Siam Eggplant (ethnic specialty crops). Pick up lessons learned about ethnic specialty crops from those who know best how to grow them! Maggie will share knowledge gained from working with refugee farmers.