

TRACK: Horticulture

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Day 1 – Monday, November 13

9:30 -11:30 – Session 1 (cross listed PMEP; no separate Horticulture)

1 pm – 2:30 pm – Session 2

Efficiency and Enhanced Coordination in Gardening-Based Education

In this session, we will share how we are improving coordination across our Master Gardener Volunteer programs in volunteer orientation, preparation and resource management to foster consistency and quality programming. As a stakeholder, your input on these efforts is key in identifying priority steps. Increased communication and a stronger network is essential to the sustainability of our state and local programs. Join us for a discussion focused on enhancing coordination efforts throughout NYS.

Presenter(s): Lori Brewer and Fiona Doherty, Cornell Garden-Based Learning; Jen Stengle, CCE Putnam County; Celeste Carmichael and Kim Fleming, CCE Administration

Track(s): *Horticulture*

3 pm – 5 pm – Session 3

Entomology and Pathology Diagnostic Labs Tours and Trends

Join this discussion of this season's prevalent lawn, garden and landscape issues in New York State and the surrounding region with the Cornell Insect Diagnostic Lab and Plant Disease Diagnostic Clinic teams. We will get out of our conference seats and walk to each of these diagnostic labs (Comstock and Plant Science Buildings). Participants will see and discuss the components of a quality sample submission, emerging problems and significant issues.

Presenter(s): Jason Dombroskie, Manager, Cornell University Insect Collection, Coordinator of the Insect Diagnostic Lab & Karen Lynn Snover-Clift, Director, Plant Disease Diagnostic Clinic

Track: *Horticulture*

Day 2 – Tuesday, November 14

8:30 am - 10am – Session 4

Seed to Supper Part A: Getting Grounded with Building Blocks for a Strong Seed to Supper Program

Participants in all three Seed to Supper sessions will be able to clearly articulate what is foundational for a strong Seed to Supper program and gain confidence to connect with partners and the low-income audiences identified as the priority for Seed to Supper. During this part A session, participants will begin by hearing from program panelists, including Oregon Food Bank Seed to Supper lead Christine Hadekel, in an ‘if I knew then what I know now’ format. They will address the realities of Seed to Supper program development, along with what changes they have needed to make to reach an audience of diverse low-income participants. Additionally, we will go deeper into an exploration of hunger and poverty in NYS – not an academic and dry overview, rather, some points that are necessary to know before getting started. The learning outcome for participants will be to articulate what is necessary beyond gardening and horticulture for a strong program foundation that will meet the needs of its priority audience; and have a better understanding of this audience.

Presenter(s): Christine Hadekel, Oregon Food Bank; Marcia Eames-Sheavly & Lori Brewer, Cornell Garden-Based Learning; Mary Lee Bourbeau, Project Director, Finger Lakes Eat Smart NY; CCE county Seed to Supper leaders

Track: *Horticulture - Seed to Supper Day*

10:30am - noon – Session 5

Seed to Supper Part B: Going Further with Partnerships, Community Assets

Participants in all three Seed to Supper sessions will be able to clearly articulate what is foundational for a strong program and gain confidence to connect with partners and audiences. During this part B session, participants will go more deeply into an exploration of their own communities, engaging in some activities in small groups which are included in a new “getting ready for Seed to Supper” program packet, as well as some community asset mapping. The learning outcome for participants will be to strengthen understandings of and identify the partnerships, resources and assets in their communities which will lead to increased program success.

Presenter(s): Christine Hadekel, Oregon Food Bank; Marcia Eames-Sheavly & Lori Brewer, Cornell Garden-Based Learning; Mary Lee Bourbeau, Project Director, Finger Lakes Eat Smart NY; CCE county Seed to Supper leaders

Track: *Horticulture - Seed to Supper Day*

2 pm – 4 pm – Session 6

Seed to Supper Part C: Getting Our Feet Wet

Participants in all three Seed to Supper sessions will be able to clearly articulate what is foundational for a strong Seed to Supper program and gain confidence to connect with partners and audiences. Knowing participants want to leave with a sense of ‘what it looks like,’ this part C session will provide opportunity for participants to experience facets of Seed to Supper facilitation preparation by modeling some key elements of facilitation through mini-sessions.

Presenter(s): Christine Hadekel, Oregon Food Bank; Marcia Eames-Sheavly & Lori Brewer, Cornell Garden-Based Learning; Mary Lee Bourbeau, Project Director, Finger Lakes Eat Smart NY; CCE county Seed to Supper leaders

Track: *Horticulture - Seed to Supper Day*

Day 3 – Wednesday, November 15

8:30am - 10am – Session 7

The Dirt on Compost and Soil

Composting is increasingly presented as an environmental friendly and sustainable alternative to manage organic solid wastes, with the aim of producing a quality product to be used as organic soil amendment. In this session, our panel of experts will highlight findings from their research or educational efforts to the use of compost in our gardens and landscapes. Nina Bassuk will address *Compost Quality for Urban Soil Remediation*; Joyce deVries Tomaselli will discuss *Why Compost: Communicating the Positive Effect of Organic Material on Soil Health and Water and Nutrient Management in Sustainable Home Gardens*; and Hannah Shayler will highlight *Healthy Gardening Practices* and educational resources related to composting and soil health as a way to address concerns and possible exposure to garden soil contamination. We will include Q & A time for audience follow up questions and discussion.

Presenter(s): Nina Bassuk, SIPS, Horticulture; Joyce deVries Tomaselli, CCE Dutchess County; Hannah Shayler, Cornell Waste Management Institute

Track: *Horticulture – Master Gardener Volunteer Day*

10:30am - noon – Session 8

Breeding Innovation of Vegetable for Organic Production

Participants in this session will gain insight into plant breeding research that gathers both observational and genomic information to select plants that will produce offspring with desired characteristics that are especially attractive to those who wish to grow vegetables in an organic system. Group discussion and activities will cultivate science literacy that enhance your ability to consider modern plant breeding tools and the value plant breeding provides humans as well as strategies for engaging public audiences in conversation around specific ways we modify the plants we eat including through genetic engineering.

Presenter(s): Michael Mazourek, SIPS, Plant Breeding and Genetics

Track: *Horticulture – Master Gardener Volunteer Day*

Noon - 1:30 pm – Lunch Break walk with Horticulture to the evergreen collection & winter garden. It is close to the Dairy Store where you can grab lunch.

1:30pm - 3pm – Session 9

Tick Talk

Ticks and tick-borne diseases are on the minds of many who spend a significant time outdoors. In this session, current research and best resources for tick identification will be reviewed as well as how emerging research is influencing recommendation for personal protection and landscaping options for reducing tick risk.

Presenter(s): Joellen Lampman, Community IPM, NYS IPM

Track: *Horticulture – Master Gardener Volunteer Day*

3:15pm – 4:30pm – Session 10 *NOTE: Horticulture track will START session 10 at 3:15 pm end before 4:30 pm.*

CCE Vegetable Variety Trial Gardens

“What varieties will grow best in my garden?” Our Cornell Cooperative Extension associations have been cultivating vegetable demonstration gardens as outdoor classrooms for members of their communities to see what works. By linking this local effort to our Vegetable Varieties for Gardeners Citizen Science project (<http://vegvariety.cce.cornell.edu/main/login.php>) we all gain new insight into the performance of vegetable varieties under a wide range of conditions and practices. Whether you have been involved or want to be, come to this session for an update and to move your local and our statewide plan forward.

Presenter(s): Laurie VanNostrand and Dorothy Colvin, CCE Wayne; Lori Brewer and Fiona Doherty, Cornell GBL program

Track: *Horticulture – Master Gardener Volunteer Day*

General information:

CCE Administration does all the organization for this Agriculture, Food & Environmental Systems In-Service. The in-service website has details about registration, parking, lodging and meals: <http://cce.cornell.edu/page/in-service>

Registration opens about Monday September 11th

2017 Prices for attendees will be:

3 day – \$100

2 day – \$80

1 day – \$50

There are **numerous TRACKS** including Environment and Natural Resources and Invasive Species. Participants can register for sessions in any track, no need to stay in the Horticulture one.

The in-service is open to our CCE campus and county network of staff members, volunteers (including our active Master Gardener Volunteers) and stakeholders (including your community partners or collaborators at any organization, institution, or school).