**2014 Master Gardening Training Course - CCE of Erie County September - November**

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|  | **Weekly Schedule** - Registration/Check-in: 8:30 – 9:00 am; Review/Quiz: 9:00 – 9:30 am; Lunch: 11:45 am – 12:15 pm |
| **Date** | **Topic** | **Presenter** |  |
| **Saturday, September 6** 9:00 – 9:30 9:30 – 11:45 12:15 – 2:30 | **Intro****Garden Botany** | Sharon BachmanDiane HeldLori BrewerLori Brewer | **Community Educator - Agriculture, CCE Erie****Executive Director, CCE Erie****Senior Extension Associate, Cornell University, Department of Horticulture, Statewide Master Gardener Program oversight.** In partnership with CCE educators and Master Gardener Volunteers, Lori advances environmental stewardship, community and human well-being through opportunities for successful gardening experiences for 7 million NYS gardening households. |
| **Vegetable Gardening** | Lori Brewer |  |
| **Saturday, September 13** 9:30 – 11:45  12:15 – 2:30 | **Soil & Fertilizer** | John Whitney | **District Conservationist, USDA Natural Resources Conservation Service,** East Aurora, New York Field Office. John has served in this capacity since 1986. John has over 30 years of professional conservation experience. Highlights include directing and implementing geographic information system projects including the Seneca Nation of Indians’ Cultural Resources Inventory, the Niagara Frontier Wetlands Initiative, and two, five-member “GIS and Conservation Technology” AmerCorps teams. His primary function as District Conservationist is to support planning, design and implementation of soil and water conservation measures on farms throughout Erie County. |
| **Ecological Lawn Care**  | Mary Thurn | **Research Support Specialist, Cornell University, Department of Horticulture**Mary received her BS and MS from Cornell University’s Dept. of Horticulture and has been in the turfgrass industry for over 20 years. After working in the private sector as quality control manager for a supplier of sand and soil rootzone mixes in the Washington DC area and as lab manager and consultant for a soil testing laboratory in Trumansburg, NY; Mary returned to Cornell in 2004, where she is a researcher in the Turfgrass Science Program. Most of her research focuses on finding ways to grow high value turf on golf courses and athletic fields in a more sustainable way with fewer inputs. Interest in home lawns that require less maintenance is also growing.  |

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| **Friday, September 19** 9:30 – 10:30 10:45 – 11:45 12:15 – 1:15 1:30 – 2:30 | **IPM****Lawn & Landscape Insect** **Common Structural Pests**  | Brian EshenaurLynn BrabandJason DombroskieSharon Bachman | **NYS Integrated Pest Management Program (IPM), Ornamentals IPM Educator*** Brian’s responsibilities include assisting WNY CCE educators in the development, design, conduct, and reporting of Ornamental or Community IPM projects funded through the NYS IPM Program and acting as a technical resource for other Ornamental and Community IPM extension activities in WNY.

**NYS IPM Program, Community IPM Extension Area Educator**Lynn’s work with CCE includes developing and implementing a statewide educational outreach program in community (especially structural) IPM, interact with Cornell University and CCE communities and NYS stakeholder groups about the status and needs of non-agricultural IPM, developing and implementing workshops and pilot demonstrations to promote and illustrate IPM philosophy and practices, and developing educational resources to promote the implementation of IPM. |
| **Insect ID via Webinar****Bulletin 74 Update** | **Senior Extension Associate, Cornell University, Department of Entomology**Jason manages the Cornell University Insect Collection and is coordinator of the Insect Diagnostic Lab. His main research focuses on tortricid moths.**Community Educator – Agriculture, New York Invasive Species Outreach Program, CCE of Erie County**  |
| **Saturday, September 27** 9:30 – 11:45 12:15 – 1:15 1:30 – 2:30 | **Plant Diseases****Diagnosing Plant Problems** | Darcy Telanko | **Extension Vegetable Specialist, Cornell Cooperative Extension**Originally from Batavia, NY, Darcy grew up on a dairy farm and worked extensively in her parents' fruit and vegetable stand. She completed her undergraduate work at Cornell in Biological Sciences and Plant Biology. She completed her MS at Southern Illinois University in Plant and Soil Science, and earned a PhD in Plant Pathology and Crop Science from North Carolina State University. She has much experience in scouting, applied research and interpreting the results for constituents through presentations and extension publications. Darcy joined the Cornell Vegetable Program in May 2014. Darcy frequently visits fresh market farms in our region, providing value advice to our growers.  |
| **Composting** **Permaculture via Webinar** | Carol Ann OogleLiz Falk | **CCE Erie Master Gardener** **Professional Development Educator, Cornell Garden-Based Learning Program; Cornell University, Department of Horticulture** Liz designs and leads professional development workshops to educators around NY State who want to incorporate garden-based learning into their programs or create a new garden-based learning program. She encourages educators to use gardens not only as a source of fresh foods but also as a source for developing environmental awareness, learning patience and observation, living healthy and building community. Liz also helps manage the GBL website, blog, and other communications. |

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| **Saturday, October 4** 9:30 – 10:30  10:45 – 11:45 12:15 – 2:30 | **Interior Plants****Greenhouses for Gardeners** | Kathryn O’DonnellTom Mitchell | **Founder and Owner, Botanicus, Inc.**Botanicus, Inc. is a diversified, eco-friendly interior landscaping company with over 40 years experience in the live plant care industry. Kathryn has grown her business much as she has grown her plants with patience, love, and skill.  A member of the [National Interiorscape Network](http://interiorscapenetwork.com/), former President of the Buffalo and Erie County Botanical Gardens, delegate to the White House Conference on Small Business and chair of the Environmental Issues Committee, she has lectured extensively on horticultural issues.**Niagara County Community College, Adjunct Instructor - Horticulture** |
| **Perennials** | Sally Cunningham | **Lockwood’s Greenhouse**Sally has educated the public about science-based gardening and landscaping practices for over twenty years through writing, her television presence and lecturing; including time spent as a CCE Educator. She was co-founder and director for four years of the National Gardening Festival which takes place in Buffalo, NY. |
| **Saturday, October 18** 9:30 – 11:45 12:15 – 2:30 | **Herbs** | Carol Ann Harlos | CCE Erie Master Gardener |
| **Annuals** | Carol Ann Harlos |  |
| **Friday, October 24** 9:30 – 11:45 12:15 – 1:15 1:30 – 2:30 | **Growing Fruit in the Garden** | Megan Burley | **CCE of Erie County, Community Educator – Farm Business Management**Megan works with farmers from rural to urban, dairy to small fruit from a farm business management perspective. She has been working with refugees in the city of Buffalo on a Beginning Farmer project since September 2013 and has also started a beginning farmer discussion group |
| **Woody Plants****Pruning** | Patrick MacRaeLyn Chimera | **Cornell University, Department of Horticulture, Graduate Student**As a technician to Dr. Nina Bassuck’s Urban Horticulture Institute, Pat manages research in the greenhouse and in the field, collects and analyzes data, assists with the research of fellow graduate students, and supports the Institute's work in many other ways. His own research focuses on the empirical validation of mathematically derived soil volume requirement calculations for street trees, establishment of species-specific Leaf Area Index values, and quantification of street tree water use.**CCE Erie Master Gardener**Lyn has been a CCE Master Gardener for over 10 years and owns Lessons From Nature which provides garden consultations and education. |

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| **Saturday, November 1** 9:30 – 11:45  12:15 – 2:30 | **Gardening with Natives** | Lyn Chimera |  |
| **Invasive Species****Weed ID & Management** | Sharon Bachman |  |
| **Thursday, November 6** 9:30 – 11:45 12:15 – 1:15 1:30 – 2:30 | **Nuisance Wildlife** | Paul Curtis, Cornell | **Associate Professor, Cornell University** Dr. Curtis serves as Extension Wildlife Specialist in the Department of Natural Resources at Cornell University. He has coordinated the Wildlife Damage Management Program for the past 24 years, and his applied research and extension programs focus on reducing human-wildlife conflicts in agricultural and suburban landscapes. |
| **Climate Change & Gardening****Jr. Master Gardener Program** | Sharon BachmanSara JabolonskiLinda Mayer | **Urban 4-H Educator, CCE of Erie County****CCE Erie Master Gardener** |
| **Saturday, November 15** | **Review/Exam** |  |  |