



## CHAPTER LECTURE SERIES ARCHIVE 2021

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### **February 14, 7 – 8pm: Noteworthy Trees of Portland’s Hoyt Arboretum – *Martin Nicholson***



Founded in 1928 to conserve endangered species and educate the community, Hoyt Arboretum encompasses 190 acres and 12 miles of hiking trails. Home to 2,300 species of trees and shrubs from six continents, Hoyt Arboretum is a place of beauty and serenity no matter the season.

Martin is a tree expert who has worked for Oregon State University and Washington State University research facilities, as Plant health manager with J Frank Schmidt Nursery, and for the past 15 years, at the Hoyt Arboretum. He is an ISA Certified Arborist, and serves on the Great Plant Picks tree committee and the Portland Heritage tree committee.

Join us on Monday, February 14, for an arm-chair adventure through the Hoyt Arboretum. Together we will learn about noteworthy trees with Martin Nicholson, curator of the arboretum, as our guide.

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### **March 14, 7 – 8pm: Heat of the Moment: How Climate Change Impacts Insects in Our Garden – *Dr. Gail Langellotto*, OSU [click for recorded video](#)**



Gardeners have seen the effects of climate change — warmer winters, wilder swings in weather change, prolonged drought, and intense wildfires. To garden well in these times requires a new understanding of how the changing climate affects other players sharing our garden ecosystem.

A major presence in our gardens are insects. Being ectotherms, their body temperatures and biochemical processes are directly affected by air temperature. As a result, any change in the climate has an immediate and significant impact on them. Geographic range expansion, phenological changes, heat stress, and disruption to natural relationships between insects and plants are some examples.

This lecture addresses how climate change affects insects and what gardeners can do to prepare for and mitigate climate change and its effects.

Dr. Gail Langellotto is an insect expert and Professor of Horticulture at Oregon State University. Together with her lab group, the OSU Garden Ecology Lab, she studies the plants, insects, people, decisions, and management practices that either improve or degrade a garden’s ability to promote environmental and human health. She also serves as the Extension Urban and Community Horticulture Specialist and the Statewide Extension Master Gardener Program Coordinator.

*Handout: Heat of the Moment: How Climate Change Impacts Insects in Our Garden*

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**April 11, 7 – 8pm: Organic Vegetable Gardening: Keys for Success – Weston Miller, OSU**



Learn tips for successful organic vegetable gardening from Weston Miller, OSU Community and Urban Horticulturist. Topics will include definition of the term ‘organic’, soil preparation techniques, organic fertilizer options, as well as organic pest and disease management.

Weston Miller has been the manager of the OSU Master Gardener Program in the Portland metro region (Clackamas, Multnomah, and Washington counties) since 2007. As the program manager for Solve Pest Problems, he works with OSU and stakeholders to plan and initiate this new, state-wide outreach program. He also serves as elected director and treasurer for West Multnomah Soil & Water Conservation District.

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**May 9, 7-8pm: The Fascinating World of Bats – Elaine Murphy, Naturalist and Educator**



Explore the fascinating world of bats, the only mammal that can fly. Bats are hungry insect eaters, and they are welcome visitors to our gardens. The world’s 1400 species of bats also provide other benefits such as pollination and seed dispersal.

Elaine will describe bats that live in our area, where to find them, and how to attract them. The talk will be illustrated with slides and sample bat houses. Elaine Murphy is a naturalist and has been an educator for nearly 40 years. She teaches nature classes and leads bird walks in the Portland metro region. Recently she has appeared at the Tualatin Hills Park and Recreation District, Backyard Bird Shop, numerous garden centers and many garden clubs.

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**June 13, 7 – 8pm: High Impact Plant Combinations – Laura Eyer, Clackamas County Master Gardener**



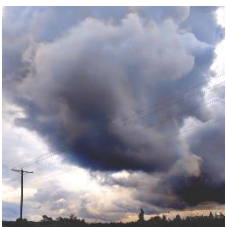
This program will be presented by our very own Laura Eyer, a Clackamas County Master Gardener for 30 years. She has produced many of our 10-Minute University<sup>™</sup> videos on ornamental plant design.

Laura will show us how to achieve High Impact Plant Combinations by employing three important principles that are the cornerstone of high impact plantings. She will tell us how to use the color wheel to achieve the right combinations and how to compose a planting that will enhance the tapestry of the garden.

Click for the following handouts: [High Impact Slide List](#) [Color and the Color Wheel](#)

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**September 12, 7 – 8pm: Adapting Your Yard and Garden to Climate Change – Weston Miller**



Our September program will feature our own Weston Miller who will present “Adapting Your Yard and Garden to Climate Change”. Climate change touches the natural ecosystem in countless ways, and its impact can be seen in our own backyards – and front yards as well as community gardens.

Temperature changes and weather events are affecting which plants are thriving in our gardens and which ones are dying. We will all benefit from Weston’s expertise as he suggests the ways we can adjust our landscapes to the changing weather patterns.

Weston Miller has been the manager of the OSU Master Gardener Program in the Portland metro region (Clackamas, Multnomah, and Washington counties) since 2007.

**October 10, 7 – 8pm: How to Identify the Emerald Ash Borer – Dr. Gail Langellotto, OSU**



The Emerald Ash Borer was discovered in Forest Grove Oregon, marking the first confirmation of this insect on the West Coast. This pest has proven destructive to ash trees including the Oregon native ash tree.

In this presentation, Gail Langellotto will teach us the importance of early detection in stopping the spread and establishment of this new and emerging species. Specifically, you will learn how to recognize ash trees, identify the emerald ash borer, and what to do if you suspect that you have found an affected tree, or the invasive pest.

Dr. Gail Langellotto is an insect expert and Professor of Horticulture at Oregon State University. Together with her lab group, the OSU Garden Ecology Lab, she studies the plants, insects, people, decisions, and management practices that either improve or degrade a garden's ability to promote environmental and human health. She also serves as the Extension Urban and Community Horticulture Specialist and the Statewide Extension Master Gardener Program Coordinator.

*Emerald Ash Borer handout em9160revised8222 click for 10-Minute University™ Video*

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**November 14, 7 – 8pm: Growing Mushrooms – Ryan and Anna Wilson-Falk of Brown Bottle Farm**



We are delighted to have Ryan and Anna Wilson-Falk of Brown Bottle Farm speak to us about growing mushrooms. They are the primary homesteaders on Brown Bottle Farm where they grow all of their food using low tillage, no spray, beyond organic techniques with the intent to improve the biology of the soil and all ecosystems. They have both studied Herbalism, Mycology (the study of mushrooms) Farming and homesteading for over 11 years. <https://www.brownbottlefarm.com/>

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**December 12, 7 – 8pm: Adaptive Gardens – James Wilson**



Please join us for an evening with James Wilson, owner and lead designer of “Garden Stories,” a landscape design/build company in Portland. He will discuss how to understand and cultivate gardens of resiliency in changing times. Gardening in the 21st century may require a whole new perspective on how we think about residential gardens and designing spaces for both human and ecological interests. Your garden can simultaneously be an ecologically beneficial landscape that is well-planned and beautiful throughout the season using native and adaptive plants.