

# Solving Problems Old and New:

## Emerging Strategies for Urban IPM

October 24 and 25, 2017



Seattle  
Parks & Recreation



Brockey Conference Center, South Seattle Community College



# Day 1 - Tuesday, October 24

**7 - 7:50 a.m. REGISTRATION**

**7:50 - 8 a.m. WELCOME/ANNOUNCEMENTS**

**8 - 9 a.m. Turf Management Strategies That Prevent and Control Pests, Weeds, and Diseases**

**Nate Stacey, WSU Extension, Puyallup**

Turfgrass IPM starts by answering the question, "Is turfgrass the appropriate plant material in this environment?" We'll look at common pest, disease and weed problems, and show how cultural practices can prevent or control those problems in a variety of turf areas, from high-use, high maintenance turf to general park areas.

**9 - 9:50 a.m. Practical Control Techniques for Invasive Plant Species**

**Steve Manning, Invasive Plant Control, Inc.**

Invasive species management must employ an integrated approach that includes both innovative and known techniques to be most successful. Steve will present environmentally and economically sound control strategies that can be readily used to meet goals and actions for weed management in the Pacific Northwest.

**9:50 - 10:05 a.m. BREAK - 15 min.**

**10:05 - 11 a.m. Science-Based Strategies to Enhance Resilience to Soil-Borne Pests and Diseases**

**Clay Antieau, SPU**

Wood chips have been commonly used as a mulch to suppress weed growth, but this is based on misconceptions and narrow understandings of the function of wood in and on soil. A more strategic use of wood chips in ecosystem restoration and ornamental landscapes remediates soil compaction, diversifies soil food webs, and support healthy plant growth. Diverse plant communities resist pests, diseases, and invasion from noxious weeds—resulting in reduced need for application of herbicides and other chemicals. Put wood chips to work!

**11 a.m. - Noon Managing Pesticide Applications for Bystander Risk and Drift.**

**Becky McGuire, WSU**

As a licensed pesticide applicator, you know how to read and follow the label and how to use your application equipment. But a successful application is not just following the label and using the equipment correctly. You need to be observant before, during and after a pesticide application to reduce the risk of bystander exposure. This presentation will examine bystander exposure incidents that have occurred in Washington. We will explore what caused the exposure and what can be done to prevent exposure in the future.

**Noon - 1 p.m. WSDA Credit Scan and LUNCH - 1 hr.**

**1 - 1:30 p.m. Managing Weeds in Green Stormwater Facilities**

**Josh Meidav, Seattle Public Utilities**

With the increasing prevalence of bio-retention swales, rain gardens, and other Stormwater detention features in the urban landscape, invasive plants within these facilities present increasing challenges for managers and field staff. This talk will discuss ways to identify and prioritize common weed problems, as well as strategies and best practices for control and prevention.

**1:30 - 2 p.m. Cherry Tree IPM issues and Challenges**

**Ryan Garrison, UW Botanic Gardens**

Cherry trees in western Washington face several insect and disease pests that can severely impact their health and appearance. Cherry trees constitute a major part of many of our public spaces. They have significant historical and cultural value in these landscapes, and removal and replacement of these trees is often not an option. In this presentation, I will cover how to identify and scout the major pests of cherry, cultural and chemical treatment options, and identify some resistant varieties.

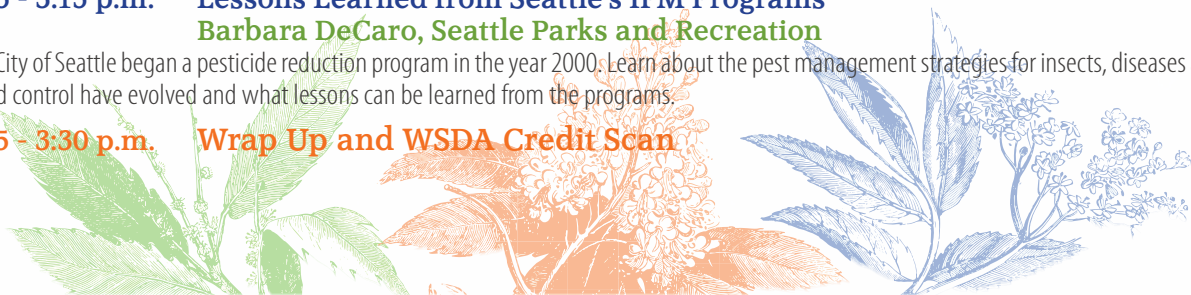
**2 - 2:15 BREAK - 15 min.**

**2:15 - 3:15 p.m. Lessons Learned from Seattle's IPM Programs**

**Barbara DeCaro, Seattle Parks and Recreation**

The City of Seattle began a pesticide reduction program in the year 2000. Learn about the pest management strategies for insects, diseases and weed control have evolved and what lessons can be learned from the programs.

**3:15 - 3:30 p.m. Wrap Up and WSDA Credit Scan**



## Day 2 - Wednesday, October 25

**7 - 7:50 a.m. REGISTRATION**  
**7:50 - 8 a.m. WELCOME/ANNOUNCEMENTS**

**8 - 9 a.m. The Top 5 Pests of Urban Street Trees in Seattle**  
**Nolan Rundquist, SDOT**

Street trees health is difficult to achieve, given that urban vegetation is under constant stress from exposure to excess heat and injury. This scenario I provides an avenue for insect pests and diseases. Nolan will explain how Seattle Department of Transportation monitors these threats and how IPM strategies are implemented.

**9 - 9:50 a.m. Identification, Effects of, and Management of 5 Problematic Decay Organisms Found in Seattle Parks Trees**  
**Chris Rippey, Seattle Parks and Recreation**

This presentation will cover how the Urban Forestry Unit of Seattle Parks manages an urban forest system with both natural areas and developed parklands. We often make tough choices in regards to trees with decay organisms. We know these organisms play a key role in forest regeneration and creating habitat and foraging space for wildlife while structurally compromising these trees. Before making the tough choice of removal or retaining a tree, we must know what we are dealing with. This talk I will introduce you to the five most problematic decay organisms that we find, what effects they have on trees and how we address those trees.

**9:50 - 10:05 a.m. BREAK - 15 min.**

**10:05 - 11 a.m. Tales from a WSDA Inspector**  
**Kevin Jensen, WSDA**

Kevin will cover Investigations and inspections he has conducted, plus describe problems and the solutions when using pesticides. He will also cover the dos and don'ts of proper recordkeeping.

**11 a.m. - Noon Weeds on the Move: Preventing the Spread of Invasives**  
**Karen Peterson and Maria Winkler**

With the ever-increasing challenges with managing noxious weeds in urban areas, preventing the spread is the first step in effective control. Karen and Maria will talk about prevention strategies that work for the common invasive plants in our landscapes.

**Noon - 1 p.m. WSDA Credit Scan and LUNCH - 1 hr.**

**1 - 1:50 p.m. The Latest Innovations in Rodent Control**  
**Larry Garcia and Barb DeCaro**

Rodent control strategies and products are evolving toward better prevention of rodent invasions, better sanitation practices and away from use of highly poisonous baits. Learn about new IPM strategies that are working for large US cities and how we can employ these in Seattle and King County.

**1:50 - 3:20 p.m. Video - Rats (Discovery Channel)**  
**Bobby Corrigan, PhD**

A Discovery channel video about rat management in NYC and other world cities and how new innovations are changing rat management programs. <https://www.bing.com/videos/>

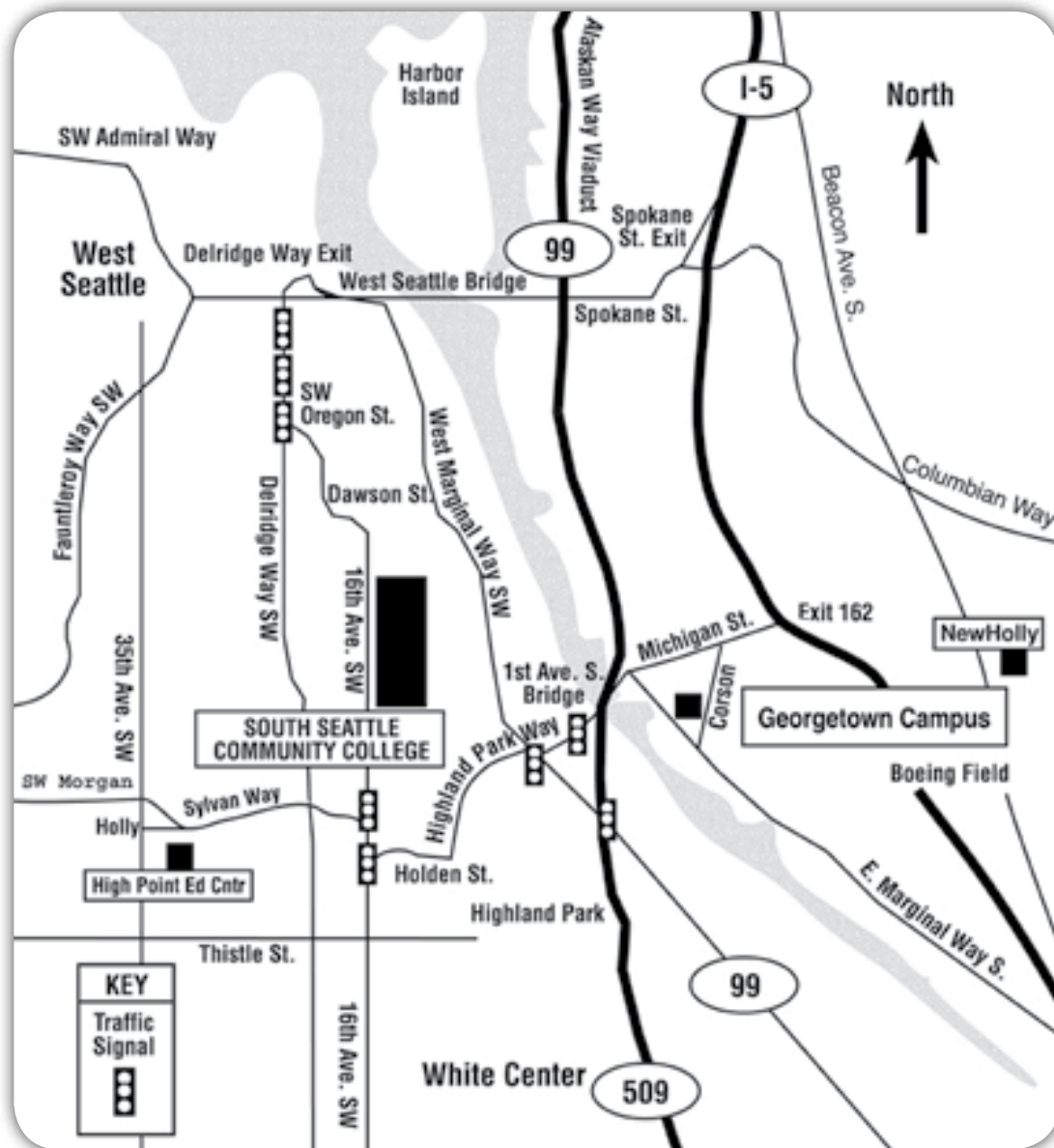
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**3:20 - 3:30 p.m. Wrap Up and WSDA Credit Scan**

STRATEGIES FOR URBAN IPM BEGIN WITH ALL OF US



# Getting to the Conference



## Directions to South Seattle Community College West Seattle Campus, Brockey Conference Center

6000 16th Ave. SW • Seattle, WA 98106-1499 • 206-764-5300 or 206-768-6684

Bus routes 128 and 125 stop in front of the Robert Smith Building (RSB). (See campus map.)  
You can call METRO (206-553-3000) or check the METRO Trip Planner for bus route schedules and times.

### Instructions From I-5 or Route 99 via the West Seattle Bridge

- Drive south on Delridge Way S.W. to third light.
- At light, turn left onto S.W. Oregon.
- Take arterial to top of hill, veering right onto 21st Ave S.W.
- Take first left turn onto Dawson, continuing onto 16th Ave. S.W.
- Follow 16th Ave. S.W. for 1/4 mile to SSCC campus on left.