

KEYNOTE SPEAKERS

Friday, July 12, 9 am

TEN COOL THINGS WE LEARNED FROM GARDEN RESEARCH

Presented by Sherry Sheng and Dr. Gail Langellotto

Description

Be among the first to integrate the latest science into gardening.

- Discover ten cool things we learned from garden research in the Pacific Northwest
- Understand how they apply in gardens
- Gain insight into the world of garden research
- Explore ideas for future research projects

Speaker Bios:

Sherry Sheng is an OSU Master Gardener™ who co-founded the 10-Minute University™ Program. Over the past 18 years, Sherry led its growth into a source for research-based gardening content. Today, 10-Minute University offers webinars, in-person classes, handouts, videos, and a monthly newsletter. It was recognized for excellence with three Search for Excellence Awards from the Oregon Master Gardener Association and the International Master Gardener Conference. Sherry and husband Spike have been funding research at the OSU Garden Ecology Lab since 2016. Last year, Sherry established the Sheng-Wadsworth Endowment in Garden Biodiversity and the Oregon Garden Research Fund to facilitate engagement from other passionate gardeners.

Dr. Gail Langellotto is a Professor of Horticulture at Oregon State University, where she also leads the Garden Ecology Lab. Together with her students, she studies garden soils, microbes, insects, and plants, to promote sustainable garden designs and management practices. She has published more than 40 scientific papers in peer-refereed journals, including five that have been recognized for high influence in the fields of horticulture, urban ecology, conservation biology, and extension. Her extension publications include 23 contributions to the OSU Extension catalog, three of which have won national awards. During her 16-year term as an Extension specialist, she delivered 351 in person classes, reaching more than 21,000 people. She strives to bring current science to all her talks and classes.

Saturday, July 13, 9 am

OREGON IPM CENTER: HUB OF INFORMATION TO SOLVE PEST PROBLEMS

Presented by Dr. Silvia Rondon

This presentation will briefly introduce the Oregon Integrated Pest Management Center to the audience. The Center promotes and supports pest management for agriculture and non-agricultural sectors. Our short-term mission is to serve as a one-stop for IPM-related issues, working in collaboration with Oregon's university researchers, Extension agents, producers, and state and federal agencies. One of our main products is Solve Pest Problems (SPP). SPP has over 10-years history and it is a science-based, easy-to-understand guide for homeowners and landscapers and currently, SPP is widely adopted by Master Gardeners. By using SPP, the user will learn to: (1) Identify and learn about pests including insects, weeds, and disease; (2) Determine if action is needed; (3) Understand any risks associated with various options for solving the problem, and (4) After acting, follow up with preventive steps for long-term success.

Speaker Bio:

Dr. Silvia Rondon is the Oregon IPM Center Director, and a Professor and Extension Entomology Specialist at Oregon State University affiliated to the Department of Crop and Soil Sciences. She received her BA and MS in Entomology from the Agraria University in Lima, Perú, and Ph.D. in Crop Sciences with a major in Entomology and Integrated Pest Management (IPM) from the University of Illinois at Urbana-Champaign. In 2002, she worked as a Postdoctoral Associate at the University of Florida Horticulture Department. In Sept-2005, she joined Oregon State University. Her position included Research and Extension, and she has managed her Irrigated Agricultural Entomology Program relying on external funding coming from private, international, state, and federal grants. Her area of expertise is IPM with an emphasis on insect ecology, insect distribution, population dynamics, insect-plant interactions, biological control, insect-plant pathogens interactions, and chemical control.

She has been involved in working with multiple commodities groups including potatoes, grass seed, wheat, and highly valued vegetables including onions, sweet corn, and carrots. As director of the Oregon IPM Center since September 2022, she is working on strengthening signature programs for the center including phenology and prediction models, responses to the arrival of invasive species, and developing IPM content including biological and pesticide resistance management. She has over 125 peer-reviewed scientific and extension papers, 9 book chapters, 154 non-peer-reviewed publications, and multiple abstracts, and reports. She is an active member of ESA, a member of the Division, Equity, and Inclusion task force; she led the organization of the first Latino/Hispanic Symposium in her professional society, now on its 10th year.