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## Oregon Wine Research Institute *Vine to Wine* | November 2019

Welcome to our monthly *Vine to Wine* newsletter! **Oregon Wine Research Institute** faculty and staff work to provide research-based viticulture, enology and wine business information for the advancement of the Oregon wine industry, and this newsletter allows us to extend that information to you along with other news and events. We welcome industry questions, so contact **OWRI team members** with input, feedback or challenges you face in the vineyard, cellar, or tasting room.



Photo: Michael Fay

It was a packed house at the Vineyard Red Blotch Workshop on November 20! Thank you to the wine industry members who joined us. The workshop covered recent research information about Red Blotch Disease and included a technical wine tasting to show sensory impacts. We hope the workshop was informative!

For those wanting to gain a deeper understanding and appreciation of the essential aspects of sensory evaluation that are often overlooked in most tastings, register for the **Sensory Evaluation of Wine Series** that is taught by OSU sensory scientist Dr. Elizabeth Tomasino on December 7/13. Details can be found on the [OWRI website](#).

There are still seats available for the upcoming **Crop Load Research Technical Wine Tasting** event, held on December 5. This event will feature wines from the *Statewide Crop Load Project*, a research project led by OSU in collaboration with more than twenty companies in the Willamette Valley since 2012. See details below.

As always, I welcome your comments and suggestions.

Cheers,

Denise L. Dewey  
Program Coordinator

### Research Focus

**Do wine grape cultivars respond differently to equally applied water deficits?** - Dr. Alexander Levin, viticulture assistant professor, OSU - Southern Oregon Research and Extension Center (SOREC), reports on a study observing cultivar differences in stomatal behavior. [Read more.](#)

**The Intelligent Sprayer System - second year evaluation of a sprayer retrofit for management of grape powdery mildew** - Dr. Jay Pscheidt, OSU Extension Plant Pathology Specialist, provides an update on the collaborative research to improve spray application technology in specialty crops. [Read more.](#)

**Pinot noir can be spur pruned without yield losses** - Dr. Patty Skinkis, Professor and Viticulture Extension Specialist at Oregon State University, conducted a research trial comparing cane and spur pruning in Oregon Pinot noir. Read more about the research [here.](#)

## Professor Vaughn Walton Named Highly Cited Researcher



[Vaughn Walton](#) (Dept. of Horticulture) is one of three academics from the College of Agricultural Sciences that has been named Highly Cited Researchers, according to the Web of Science Group. The group identifies scientists who produced multiple papers ranking in the top 1% by citations in the world for their field and year of publication, demonstrating significant research influence among peers. It also bears noting that of the 10 researchers in the state recognized for this honor this year, seven are with OSU and three of those seven are in the College of Agricultural Sciences. Congratulations!

## We welcome you to attend the premier research viticulture and enology conference

Did you know that the majority of the [American Society for Enology and Viticulture \(ASEV\)](#) members (67%) are industry professionals just like you? Only 30% of the society is comprised of academics and students, yet the national conference attendance has been mostly academics. The national conference is held annually, rotating between west coast wine regions. The [71st ASEV National Conference](#) will be held in downtown Portland in June 2020. Researchers from across the nation and world will present the latest research advances in viticulture and enology. The event is designed for industry professionals to learn about research to improve grape and wine production. The Society is encouraging industry participation, and we hope that you and fellow Oregon wine industry members will attend. This is such a great opportunity that the Oregon Wine Research Institute will forgo its annual research event (OWRI Grape Day) in lieu of the ASEV National Conference being in state. Much of the research that the OWRI team would present at our local event will be represented at the ASEV National Conference in presentations and/or posters. We know that time and resources are limited to attend educational events, but this event is well worth the investment. We have no doubt that you and/or members of your production team will leave the meeting with a broader scope of science-based information to improve your vineyard or winery production. The national conference is also a great place to interact with experts, obtain professional development, and network with others from within and outside your production region. Be sure to contact our own research and extension specialists, Patty Skinkis (ASEV VP) or James Osborne (ASEV Director) with any questions, as they are currently serving on the [ASEV Board of Directors](#).

## Education

### **From Root Biology to Carbon Sequestration** - Dec. 3

UC Davis Viticulture and Enology will be presenting a viticulture seminar focused on current research being undertaken by former students in and collaborators with the Smart Lab, in the areas of plant nutrition, root biology, carbon sequestration, and sustainable vineyard management. [Find out more](#)

### **Crop Load Research Technical Wine Tasting Event** - Dec. 5

This technical tasting event will feature wines from the OSU *Statewide Crop Load Project*, which includes Pinot noir wines that were produced under different yields (cluster thinning levels) from 12 wineries and four vintages. Don't miss your chance to taste the results of this important research firsthand. This event will be held Dec. 5, 10:00 AM - 1:00 PM PST at the [Chemeketa NW Wine Studies Center](#). Registration is required in advance (\$40) and there are no walk-in registrations. [Register here](#) by Nov. 26.

### **Powdery Mildew Fungicide Disease Resistance Workshop** - Dec. 11

Join us for a full day event focused on providing you with in-depth information about powdery mildew biology, management, and ways to avoid powdery mildew forming

resistance to fungicides that are currently in your disease management toolbox. This event brings together researchers for the FRAME (Fungicide Resistance Assessment, Mitigation and Extension) Network to provide the most up-to-date information about this issue in vineyard production. **6 ODA Pesticide recertification credits** will be offered! [Register here](#) by Dec. 2.

## Climate Change Impact Mitigation for European Viticulture



The Luxembourg Institute of Science and Technology (LIST) in Belvaux/Luxembourg is organizing an international workshop on **Modelling pests and diseases in vineyards** on February 17/18, 2020. The workshop is dedicated to scientists, winegrowers, stakeholders, and all interested parties. Find the program, registration form, as well as more information [here](#).

## Extension Resources

**Vineyard How-To Videos - NEW!** Dr. Patty Skinkis, Professor and Viticulture Extension Specialist, OSU, has four new training videos that will be helpful this winter during pruning.

- [How to renew a grapevine cordon](#)
- [Transitioning Grapevines from Cane to Spur Pruning](#)
- [How to Scout for Grapevine Trunk Disease in Vineyards \(cane pruned\)](#)
- [How to Scout for Grapevine Trunk Disease in Vineyards \(spur pruned\)](#)

## Dedication to Porter Lombard



Ashland artist, Betty LaDuke, has generously gifted three paintings to the Art About Agriculture program in commemoration of Dr. Porter Lombard, OSU Emeritus Researcher in Horticulture, for his pioneering work at OSU in developing the Oregon grape industry, and beyond. To learn more, visit the [OWRI Blog](#).

## Master of Science Thesis Defense

You're invited to attend the presentation of Meghan Ruppel's thesis proposal ***The Influence of Vineyard and Winery Nitrogen Supplementation on Chardonnay and Pinot noir Winemaking and Wine Quality*** being presented on November 26 at 9:00 AM at Wiegand Hall, Room 106 on the OSU campus.

## Upcoming Events

**UC Davis Viticulture Seminar** | December 3, Davis, CA

**Crop Load Research & Technical Tasting Workshop** | December 5, Salem, OR

**Sensory Evaluation of Wine: Prosecco** | Dec. 7, Portland, OR

**OSU/FRAME Fungicide Resistance Workshop** | December 11, Salem, OR

**Sensory Evaluation of Wine: Prosecco** | December 13, Corvallis, OR

**Unified Wine & Grape Symposium** | February 4-6, 2020, Sacramento, CA

**Oregon Wine Symposium** | February 11-12, Portland, OR

Southern Oregon Grape Symposium | March 10, Central Point, OR

ASEV National Conference | June 15-18, Portland, OR

## Stay Connected



Have a particular topic or question you would like to see addressed in the *Vine to Wine*? Please [contact us](#).

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