



Oregon Wine Research Institute

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. 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.

To the OWRI Community

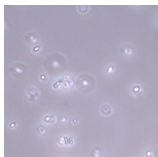
The College has been working on organizing a review for the Oregon Wine Research Institute during the week of August 8-12, 2022. The external review is an important component of Oregon State University's comprehensive program review process. We have engaged four external reviewers from CalPoly, Australia, and UC Davis to help us evaluate the strengths and opportunities for the development of the Institute. In preparation for the review, OWRI compiled a Self-Study report and met with stakeholders who represented the industry geographically to assess our efforts in fulfilling the stated mission and goals. The review will enhance OWRI's role as both an integral part of the Oregon grape and wine community and an internationally recognized Institute. I look forward to learning the ways OWRI can be developed and grow to become stronger.

Congratulations to Oregon State University College of Agricultural Sciences Vaughn Walton for becoming one of the world's most highly cited researchers! You can find out more about Vaughn below.

We welcome your engagement, so please don't hesitate to [contact me](#) or any [faculty](#) member. Cheers!

Denise Dewey
Program Coordinator

Research Focus



Pediococcus Wine Spoilage: Concern or Confusion?

There is a range of potential impacts that the growth of *Pediococcus* in wine can cause. Dr. James Osborne's lab will start a new research project this Fall aimed at characterizing the sensory impact of *Pediococcus* spp. on different wines as well as conditions that promote or reduce formation of biogenic amines.



Can Abscisic Acid Applications Improve GRBD Wine Quality?

Abscisic acid is a critical regulation phytohormone of berry maturation and ripening. Dr. Michael Qian reports on research conducted in his lab investigating the impact of exogenous ABA application in GRBD-positive vines for two years. Learn more about the initial study.

Accolades



OSU Researcher Named One of the World's Most Highly Cited Scientist

Dr. Vaughn Walton has been listed among the top 1% of cited scientists in the Web of Science citation index from 2019-2021. Walton works to provide environmentally sustainable pest management strategies and specializes in vine mealy bug, brown marmorated stink bug, spotted wing drosophila, and viruses in grapes. [Discover the full article](#)



OWRI Researchers and Students Present Research at National Conference

Faculty, staff and students from seven labs within the OWRI presented research at the [American Society for Enology and Viticulture \(ASEV\)](#) 73rd National Conference in San Diego, California in June. Research included Grapevine Red Blotch Disease, rootstocks, plant physiology, soil moisture, wildfire smoke exposure, wine aroma compounds, and fermentation methods to reduce off aromas. Sharing research results with academic

peers and industry professionals is important to validating the work and extending information to be used by other industry professions. Session [audio recordings](#) are available and [technical abstracts](#) will be available soon.



OSU Viticulture Graduate Student Awarded Best Poster at ASEV Conference

Mathew Lange, MS candidate in the lab of Dr. Patty Skinkis, was awarded the Best Viticulture Poster Award at the 73rd National Conference of the American Society for Enology and Viticulture (ASEV) in June 2022 for his poster, "First-Year Effects of Vineyard Floor Management on Dry-Farmed Pinot noir Vine Performance in Different Soil Types". Learn more about [ASEV student awards](#).

New Partnership with International Society

The OWRI recently joined the International Viticulture & Enology Society (IVES) as an academic member. IVES is an international academic association dedicated to viticulture and oenology. Founded in 2017 by a group of leading universities and research institutes, it aims to make the results of scientific research in this field freely available for researchers and professionals. IVES publishes [OENO One](#), a vine and wine online open access peer-reviewed journal, [IVES Technical Reviews - Vine and Wine](#), a tool to transfer current research to end users, and [IVES Conference Series - Viticulture and Enology](#) to collate proceedings from international conferences in viticulture and oenology (launched in 2021).

Timely Topics



Crop Estimation: Which Increase Factor Should I Use?

Dr. Patty Skinkis published a paper from her research that used six years of Pinot noir data to determine increase factors to apply to cluster weights during crop estimation. The research provides equations to determine increase factor based on day count or heat units post budbreak or bloom. Learn more about this research and access the [full research paper](#).



Red Blotch and Leafroll Research Reports now Available from 2021 Symposium

The California Department of Food and Agriculture (CDFA) funded GRBD and Grapevine Leafroll associated virus (GRLRaV) research through their Pierce's Disease and Glassy Winged Sharpshooter (PD/GWSS) Board since 2015. You can browse the projects that were funded and read project reports or watch recordings in the [2021 Research Projects at a Glance](#) document. If you wish to learn more about GRBD and access research articles published from Oregon GRBD studies, see the [GRBD page on the OSU Extension website](#).



Automated Shoot Thinning Survey

The [Center for Precision and Automated Agriculture \(CPAAS\)](#) at Washington State University is seeking your input on automated shoot thinning in vineyards. If you are a vineyard owner, grower, or viticulturist, please [complete the brief survey online](#). If you have questions about the survey or the project, contact [Dr. Manoj Karkee](#), Associate Professor, WSU.

Extension Resources

2022 Pest Management Guide for Wine Grapes in Oregon

Updated annually, this guide now has an online version and app!

New! Field Guide for Integrated Pest Management in Pacific Northwest Vineyards

This guide was updated by experts in the PNW for the second edition to include both current and emerging pests of insects, mites, diseases, nematodes, and weeds.

Events

WSU and WSGS Viticulture Field Day | August 11, 2022, Prosser, WA

NVEELC | August 14-17, 2022, Selma, CA

NCSFR Small Fruits Research Conference | November 14-16, 2022, Kennewick, WA

Stay Connected

Join our mailing list for news and information regarding programs, events, advances in research, resources in your area, and much more. [Subscribe Today](#)



Oregon State University
Oregon Wine Research Institute
4017 Agricultural & Life Sciences Building, Corvallis, Oregon 97331
owri.oregonstate.edu