



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 wine business.

## Program Coordinator Update



It was a pleasure recently to honor the owners and production team at Stoller Family Estate and Dr. Patty Skinkis, OSU statewide viticulture extension specialist for ten years of research collaboration. OWRI faculty rely heavily on industry cooperators for assistance in conducting their research. Because the research is done in a commercial vineyard or winery, the results are often viewed by growers and wine makers as more compelling than work done in a lab or greenhouse, though both settings have their necessity and purpose. The kinds of work performed vary tremendously, from gathering insects that may be disease vectors, to all nature of vineyard management practices, trapping fungal spores, or determining the most effective irrigation scheduling, and understanding the genetic differences between Pinot noir clones. We know that growers and wine makers have a lot on their plate each day, and to pay close attention to the research parameters set by our faculty is an added task and responsibility, and even a small mistake can possibly compromise the results of the experiment. Our collaborators tend to be detail-oriented and intellectually curious about what is happening in their vineyard and cellar, beyond what they observe, but also wish to understand. We have never calculated the in-kind monetary value of the time, facilities, and resources that collaborators have devoted to OWRI research and extension efforts, but it would certainly be enormous. But the greatest value may be that growers and wine makers are in direct contact with our research faculty in their fields and cellars, talking about challenges and sharing information and ideas, and assuring that research and extension will continue to play a vital role in the improvement of Oregon's grapes and wines. If you want to collaborate with any member of OWRI, please get in touch with them.

Mark L. Chien  
OSU Oregon Wine Research Institute

## OWRI Seminar Series

Dr. Vaughn Walton, entomologist in the OSU Department of Horticulture, and Dr. Valerio Rossi-Stacconi, visiting entomologist from the Edmund Mach Foundation in Trento, Italy, gave a presentation titled, "**Management of Mites in Vineyards**" on May 16. It is a timely topic as reports of early mite damage to vineyards in the Willamette Valley were made at the recent viticulture technical meeting in McMinnville. This presentation will help growers identify the various mites that affect vineyards and offer management recommendations. [\*Watch the presentation\*](#)

## Research Focus

### **Detection and Monitoring Tools for Fungicide Resistance in Powdery Mildew**

The Fungicide Resistance Assessment, Mitigation and Extension (FRAME) Network provides an update on fungicide resistance data and information. This is ongoing research that is partially funded by the American Vineyard Foundation, Oregon Wine Board, and Washington State Wine Commission.

### **AgriMet: A Practical Vineyard Irrigation Management Tool**

Steve Renquist, OSU Douglas County Extension Agent, highlights key findings in the use of the Umpqua Valley agricultural weather station.

## **Protecting Oregon: The Importance of Clean Plants**

Economic losses have been the reality of many vineyards in the state faced with testing positive for viruses. [Read more](#) about what it means to have "clean" plant material, the issues at hand, what can be done, and what is being proposed for Oregon.

## **What's the Status of Red Blotch Disease in Oregon?**

The OSU Viticulture Extension Team invites you to complete a [short online survey](#) about Red Blotch Disease. **Responses are strictly confidential** and this survey will help us determine the extent of the virus presence throughout the state, so take the survey even if your vineyards do not have the virus. The survey data will be used to design outreach programs and materials to meet industry needs. **Survey deadline June 15.**

## **Faculty Focus**



Viticulture Extension Specialist and Oregon State University (OSU) Associate Professor Dr. Patty Skinkis has been confirmed as the American Society for Enology and Viticulture's (ASEV) 2018 **Extension Distinction Award** recipient. This honor recognizes a current extension educator for outstanding contributions to an extension program or the advanced translation of novel research findings into commercially applicable tools for enologists or viticulturists. Dr. Skinkis will be presenting "*Engaging Industry Citizen Scientists to Address Fundamental Production Issues*" at the 69th National Conference on June 20, 2018 in Monterey, California.



## **Unravelling the Mysteries of Cold Soaking Workshop**

June 13, 2018 | 9:00 AM to 1:00 PM  
Food Innovation Center, 1207 NW Naito Pkwy #154, Portland, OR, [map](#)  
Speakers: Drs. James Osborne and Vincent Gerbaux

While cold soaking is a process that many winemakers employ during the production of Pinot noir wine, the impact of this technique on wine quality and how to manage this process is relatively unknown. Join us for this half-day workshop where we will examine the winemaking technique of cold soaking and discuss some of the latest research investigating the role of grape microflora during cold soaking.

### **Topics to be covered include:**

- History of the cold soaking process in Burgundy
- Impact of yeast present during cold soaking on Pinot noir wine volatiles
- Utilizing non-Saccharomyces yeast to prevent spoilage issues during cold soaking
- Tastings of cold soak trial wines

**Registration:** \$75 (includes refreshments and handouts). Space is limited to the first 40 people who register, so register early [here](#).

*This event is sponsored by OSU Dept. of Food Science and Technology, OSU Extension Service, Lallemand, and OSU Oregon Wine Research Institute (OWRI).*

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## OSU Statewide Crop Load Project Recruitment Open!

This collaborative research project is currently in its 7th season of research. Are you interested in scientifically testing different crop levels in your Chardonnay or Pinot noir vineyard? Through this project, we look at the impact that yield (by way of cluster thinning) impacts vine health, fruit composition, and wine sensory perception. Since we have four growing seasons left in the *Statewide Crop Load Project*, we encourage you to join for a multi-year research experience. To apply as a collaborating vineyard/winery, please fill out an [application form](#) online before June 15, 2018. If you have questions about the project, contact [Patty Skinkis, OSU Viticulture Extension Specialist](#).

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## Resources from OSU Extension

**Scouting for Grape Powdery Mildew-** This guide provides information about early season scouting to identify the first infections of the season.

**Monitoring grapevine nutrition-** This article provides information on how to collect tissue samples for analysis of vine nutrient status and how to interpret the results. Tissues may be sampled at bloom or veraison and submitted to a testing lab.

**Grapevine Nutrition Module-** An interactive, online guide for grapevine nutrition management.

**Recognize the Symptoms and Causes of Stunted Growth in Vineyards-** A guide and app that allows you to troubleshoot and diagnose deformed or stunted growth in vineyards.

**2018 Pest Management Guide for Wine Grapes in Oregon-** This guide provides disease, insect, and weed control products based on grape phenology and appropriate timing of control. Information is also available for fungicide product efficacy.

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## Upcoming Events

### **FREE Agricultural Pesticide Collection**

June 1 | Molalla, OR

### **American Association of Wine Economists (AAWE)**

June 10-14 | Ithaca, NY

### **OWRI Unravelling the Mysteries of Cold Soaking- The Role of Grape Microflora**

June 13 | Portland, OR

### **ASEV National Conference**

June 18-21, 2018 | Monterey, CA

### **OWRI Vineyard and Winery Workshop**

July 17 | Faith, Hope, & Charity Vineyard, Terrebonne, OR

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



**Oregon State University**  
**Oregon Wine**  
**Research Institute**

Denise L. Dewey  
Outreach and Communications Manager  
541.737.3620 | [owri.oregonstate.edu](http://owri.oregonstate.edu)  
[denise.dewey@oregonstate.edu](mailto:denise.dewey@oregonstate.edu)

*STAY CONNECTED*

