



Oregon State University
**College of Agricultural
Sciences**

Vine to Wine

Oregon Wine Research Institute

January 2018

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

Mark L. Chien

Winter means lots of meetings and there are a few important ones for OWRI. In February, OWRI participates with the Oregon Wine Standing Committee for Research, otherwise known as Oh-whisker. OWSCR is the interface between the wine industry and its research and extension partners. It's made up of wine industry members of the Oregon Wine Board research committee, Tom Danowski, Marie Chambers and Bree Boskov from OWB, and two OWRI faculty (Walt Mahaffee and James Osborne), along with Bill Bogges, executive associate dean at the OSU College of Agricultural Sciences and Mark Chien. J.P. Valot, wine making director from Silvan Ridge/Elizabeth Chambers is the current chairperson. At these meetings the nuts and bolts of research and extension education are covered, priorities are identified and discussed, as well as financial, research news and updates, and other business. This is a key portal into the research apparatus that serves the wine industry and we welcome your interest and involvement. Contact myself or any member of the committee to find out what is happening or to participate.

OWRI will have a booth on the trade show floor at the Oregon Wine Symposium. We will have show and tell by students and faculty, and Denise and Mark will be there to answer your questions about OWRI. We welcome this opportunity to interact with growers and wine makers at the biggest wine event in Oregon. Please stop by to say hello and get the latest research and extension news and information. James Osborne and Patty Skinkis are OWS technical program advisors and they work closely with Bree Boskov to develop the educational programming.

Finally, OWRI Grape Day is coming up on Tuesday, April 3rd in Corvallis. It will focus on the economics and business of wine. While growing and making fine wine is the reason you are here, there is no doubt that survival and prosperity hinges on sound business practices in the vineyard and winery. OWRI launched its grape and wine economics research program last year and two faculty from OSU Applied Economics will present their research, as well as two guest speakers from California who will address the economics of diseases in the vineyard. Registration and program information is below and live, and we hope to see you in April.

Wine Aroma

Contribution of Terpenoids to Wine Aroma

Dr. Michael C. Qian, Professor of Flavor Chemistry, Dept. of Food Science & Technology, OSU

For more information how terpenoids are the most intensively studied grape-derived volatile compounds associated with wine aroma, read more [here](#).

Research Study on Oregon Wine Clubs

Wine Clubs - Can we do better?

Dr. James Sterns, Associate Professor, Department of Applied Economics, Oregon State University

As part of a new OWRI initiative, Drs. James Sterns and Catherine Durham, OSU Department of Applied Economics, are studying how wine clubs throughout the state of Oregon are managed, and more importantly, what are the preferences and motivations of wine club members. [Read more](#)

OWRI 2018 Grape Day- Register Now!

Business and Economics from Vineyard to Wine Sales

LaSells Stewart Center, OSU Campus, Tuesday, April 3

For maps and parking information, click [here](#).

Registration is \$80 and includes lunch and a research abstract booklet

To register, click [here](#).

Join us on campus at Oregon State University for our annual event highlighting research relevant to the Oregon wine industry. Members of the Oregon Wine Research Institute and guest speakers Neil McRoberts, UC Davis, and Jonathan Kaplan, Sacramento State University, will present. This year, our focus is on the economics and business of wine. Please check our [website](#) for details as they become available!

OWRI Seminar Series- Save the Date!

Does deficit irrigation improve Pinot noir fruit quality in a warm climate?

Dr. Alexander Levin, Assistant Professor of Viticulture, OSU SOREC

Monday, February 19 | 4:00PM

OSU ALS 4000

2017 Fall Technical Newsletter

For those of you who missed the announcement last month, the Fall 2017 Technical Newsletter is now available. Dr. James Osborne, OSU Enology Extension Specialist and Associate Professor opens the newsletter with a research update on simultaneous malolactic fermentations. Dr. Patty Skinkis, OSU Viticulture Extension Specialist and Associate Professor provides valuable information on her vineyard floor management research. Lastly, Brent Warneke, OSU Graduate Research Assistant, and Dr. Walt Mahaffee's Foliar Pathology Lab at USDA-ARS, provide a timely article about fungicide timing for managing grape powdery mildew in light of fungicide resistance concerns.

Access a copy of the newsletter [here](#).

Oregon Wine Board Participation Request

Oregon Wine Labor and Salary Survey. This study is modeled after the broader Wine Business Monthly study and aims to provide more reliable information about Oregon's particular

pay rates and salaries for positions throughout the vineyard and winery. The OWB education committee is responding to industry demand for this kind of information, and has enlisted Linfield College to conduct and analyze the anonymous survey. Survey deadline is Feb. 3. [Start the survey.](#)

Education & Training

Online Vine & Wine Class (MOOC)

This is a free 5-week [Massive Open Online Class](#) that covers the basics from vine physiology, vineyard production, wine production and marketing. It is offered by institutional partners in France (offered in English). Starts January 31, 2018.

Pesticide Applicator OSU Online Course Series

Six online training modules are available at any time for Oregon and Washington pesticide recertification credits, including IPM, managing weeds, safe pesticide handling, pesticide labels, and more. Learn more [here](#).

Online Viticulture and Enology Learning Modules

Washington State University has online, self-directed courses in viticulture and enology topics ranging from vineyard design to insect management, wine production, sensory and more! Learn more [here](#).

Respiratory Protection for Ag Operations

Learn about new OSHA and ODA requirements for wineries on February 8, 8:30 am-12:30 pm at the Chemeketa NW Wine Studies Center in West Salem. This class qualifies for 4 ODA pesticide recertification credits. Learn more [here](#).

Articles

Don't forget to collect pruning weights!

Pruning weights are the best way to quantitatively monitor vine vigor and changes caused by vineyard management practices or season. It is easy to gather these data during winter pruning, and they can give you an idea of vine vigor and vine balance when analyzed with yield data or lag estimates. The OSU Extension publication, *How to Measure Dormant Pruning Weights of Grapevines*, was developed to help you understand the importance of measuring pruning weights and provides stepwise instructions on how to collect and interpret these data.

Stop herbicide drift from neighbors

The OSU Extension publication, *Are Your Weed-control Products Damaging Nearby Vineyards?*, was developed to help the public understand the damaging effects that common herbicides can have on grapevines. Share this document with your neighbors to help reduce herbicide drift damage to grapevines.

Resources

Preparing your IPM program for 2018

Consider the following resources when developing this year's disease management and spray programs:

- [Insect Management Handbook](#)
- [Weed Management Handbook](#)
- [Plant Disease Management Handbook](#)
- [OSU Fruit Disease Management Testing Program](#)- Results of pesticide efficacy trials

conducted in Oregon for grape powdery mildew and Botrytis bunch rot are available from Dr. Jay Pscheidt, OSU Extension Plant Pathologist.

- [Pesticide Safety](#)
- [Effective Vineyard Spraying](#)

Trunk Disease Prevention and Management

Winter is an important time for preventing trunk disease infection by using proper pruning practices. Below are important resources for understanding and managing trunk diseases:

- [Do you have trunk disease?](#)
- [Eutypa Dieback](#)
- [Botryosphaeria- "Bot Canker"](#)
- [Trunk Disease Research Team website](#)
- [Lots o' Bots: Grapevine Trunk Disease and the Botryosphaeriaceae](#) (article)
- [Grapevine Trunk Diseases: What do we know of them in Oregon?](#) (webinar)
- [From Nursery to the Vineyard: Study of Trunk Diseases in British Columbia](#) (webinar)

Upcoming Events

OVS Growers Meeting 2018

February 1, 2018 | Medford, OR

Featuring grape production information from across the state and region.

Winegrowers Convention and Trade Show

February 6-8, 2018 | Kennewick, WA

The Washington Winegrowers Convention and Trade Show is the premier wine and grape industry event in Washington State; offering small and large operations opportunities to learn and connect.

[Event Website](#)

Oregon Wine Symposium

February 20-21, 2018 | Portland, OR

The Oregon Wine Board brings its Symposium back to Portland, highlighting advances viticulture, enology, wine business, and two days of experimental wine tasting. Registration includes access to the Northwest's biggest wine industry trade show, featuring more than 180 exhibitors. *[Event Website](#)*

Effective Vineyard Spraying

February 22, 2018 | McMinnville, OR

Erath Foundation, Chemeketa & OWB is bringing Dr. Andrew Landers, author and agricultural engineer, to Chemeketa Yamhill Campus to speak on Effective Vineyard Spraying. ODA pesticide recertification credits will be available. A not to be missed lecture! *[Event Website](#)*

Southern Oregon Grape Symposium

March 13, 2018 | OSU Southern Oregon Research & Extension Center, Central Point, OR

ASEV National Conference

June 18-21, 2018 | Monterey, CA

The national conference provides a forum for the presentation of research in the fields of enology and viticulture or related sciences. *[Event Website](#)*

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

Denise L. Dewey
Outreach and Communications Manager
OSU Oregon Wine Research Institute
541.737.3620 | owri.oregonstate.edu



STAY CONNECTED

