



OREGON
WINE
BOARD

Oregon Wine Board
2018-2019 Request for New Applications

Deadline: January 31, 2018

<http://www.oregonwine.org>

**Deadline for Submission:
January 31, 2018**

Please read these instructions carefully. If your submission is not in compliance as required herein, it will not be accepted. Applications must be submitted online by January 31, 2018 at the Unified Grant Management for Viticulture and Enology website, <http://fps.ucdavis.edu/vit> [submission site opens for the Oregon Wine Board (OWB) RFA December 1, 2017]. Additionally, one electronic copy of the application with appropriate verified institutional signatures must be received by the OWB by March 1, 2018 or the project will not be considered for funding.

About the Oregon Wine Board (OWB)

The Oregon Wine Board (<http://industry.oregonwine.org>) is a semi-independent state agency and is charged with supporting enological and viticultural research for the enhancement and promotion of grape growing and winemaking in Oregon. Funds to support this work come from mandatory taxes on grapes used to produce Oregon wine (\$25/ton) and on certain wines sold in Oregon (\$.02/gallon). The OWB appoints an industry-wide Research Committee, which reviews applications and makes funding recommendations to the Board.

About the Unified Grant Management for Viticulture and Enology Website

The Unified Grant Management for Viticulture and Enology website, <http://fps.ucdavis.edu/vit> (UVE) was established in 2005 to coordinate grant application submission and review among multiple funding agencies in the wine and grape community. Principal investigators (PI) are required to use the UVE website when applying for grants to Oregon Wine Board (OWB)

Each of the funding agencies using the UVE has its own RFA, which presents its funding priorities. Researchers are strongly advised to read carefully the RFAs from each of these agencies, and to apply to as many agencies as are appropriate for their project.

Eligible Projects

The OWB seeks applications for research projects specifically relevant to Oregon viticulture or enology. The OWB's research priorities are outlined below. "*" indicates the highest priority areas.

Areas of Inquiry for 2018-2019

Viticulture

- Developing or improving methods and technology for detection, monitoring, identification, and sustainable management of:

- A. Vineyard pests – prioritizing mites, mealybugs, nematodes, and other vectoring insects; and weeds.
- B. Vine diseases – prioritizing viral diseases (particularly *red blotch virus), trunk diseases, and *powdery mildew, *botrytis and other fungal diseases.
- C. Pathogenic vine conditions, including inflorescence necrosis and/or bunch stem necrosis, abiotic stress conditions, and the extent to which abiotic stress conditions stimulate the emergence of vine diseases and decrease fruit quality.
- D. The extended vineyard microbiome as a critical component of terroir and its impact on wine characteristics.
- Understanding vine balance and grape composition parameters, including:
 - A. Understanding the effects of cover crops, *weed control, and water availability on *balance in grapevines.
 - B. Discovering new biomarkers/precursors as metrics for fruit composition and ripening.
- Understanding effects of crop load on vine health, grape composition and bud fruitfulness.
- Identifying better methods and technology for precise *vineyard water and nutrient monitoring and management.
- Improving *irrigation practices and assessing their impact on vine health in addition to fruit composition and ripening.
- Developing or improving environmentally and economically sustainable methods of viticulture.
- Developing projects aimed at dealing with the effects of climate change.

Enology

- Studying the effects of winemaking techniques on extraction and retention of individual wine precursors and components during fermentation and aging, including aroma, flavor, phenolic, and non-volatile components, especially as they enhance wine quality and affect wine style.
- Developing objective methods of analysis to measure wine texture, mouth feel and wine styles.
- Developing or improving fermentation (both primary and malolactic) management and wine storage techniques to:
 - A. Minimize microbial taints such as *Brettanomyces*, volatile acidity, and oxidation.
 - B. Mitigate issues associated with using compromised or nutritionally imbalanced fruit, *especially due to GRBaV, including fruit from *stressed vines; understanding the relationship between vine nutrition and wine quality.

	<ul style="list-style-type: none"> C. Optimize wine quality by dealing with reduction issues and eliminating sulfide aromas. D. Optimize oxygen use and understand the relationship between *oxygen use and specific wine attributes. E. Develop a better understanding of *atypical wine aging. • Assessing the impact and mitigating environmental “taint” in wine that may arise from aromatic sources near vineyards
<p>Review Process</p>	<p>All applications determined by OWB staff to be complete will be examined by the OWB Research Committee by March 2018. The Research Committee will make funding recommendations to the Directors of the OWB, and the OWB will consider the recommendations of the Research Committee at a Spring 2018 Board meeting and will entertain a motion or motions to appropriate funds. The announcement of funding will be made approximately the week of May 1, 2018.</p> <p>Evaluation criteria for research applications include:</p> <ul style="list-style-type: none"> • Scientific merit. • The importance of application justification with respect to the OWB priorities. • Budget appropriateness to meet the objectives. • Adequate personnel and facilities to ensure the successful completion of the objectives. • Application format instruction compliance, including length and completeness. • Success of the PI in producing peer-reviewed publications (relevant peer-reviewed publications must be listed in the application) and/or that the PI has demonstrated successful outreach (relevant workshops, seminars, etc. must be listed in the application).
<p>Funding and Reporting</p>	<p>The OWB has allocated an estimated amount of \$350,000 for funding projects in 2018-2019. Allocation of funds to the selected research projects will be contingent upon final approval of the Oregon Wine Board budget. Appropriated research funds will be available for use upon receipt of the signed grant contract and disbursed over a 12-month period (see below). Project commencement and completion dates must be submitted with the application and will be subject to final approval by the OWB.</p> <p>The OWB invites both new and continuing applications (see “Eligible Projects” above). Even if the OWB approved the first year of funding for a project, another application must be submitted for a subsequent year of funding. Consideration of continuing regular applications will be contingent upon receipt of progress reports from</p>

	<p>investigators funded the previous year(s) and the progress documented in the reports, as well as their continuing merit and promise of accomplishment. For consideration of continuing projects, the progress report must be submitted with the 2018-2019 application. New and continuing submitted applications will not be returned. Confidential matters should not be included in applications. An applicant may submit multiple projects.</p> <p>The OWB funds will be distributed in three installments: The first upon receipt of the signed institutional agreement; the second upon a satisfactory interim progress report; and the third contingent upon a satisfactory final report. The final progress report may be included in an application for continuing support. The payment guidelines and requirements for reporting will be specified in the signed agreement for an awarded grant. Progress reports and the final report will not be returned.</p> <p>Publicity, press releases, publications, presentations, materials, and/or media advertising produced as part of this proposed project must acknowledge the OWB as follows:</p> <p>“This work was made possible in whole or part by a grant from the Oregon Wine Board.”</p>
<p>Major Budget Restrictions</p>	<p>Awarded funds cannot be used for:</p> <ol style="list-style-type: none"> 1. The renovation or refurbishment of research spaces; the purchase or installation of fixed equipment in such spaces; or for the planning, repair, rehabilitation, acquisition, or construction of a building or facility. 2. Indirect costs: such costs are not allowable and no funds will be approved for this purpose. Further, costs that are a part of the institution's indirect cost pool, (e.g. administrative or clerical salaries), may not be reclassified as direct costs for the purpose of making them allowable. 3. Tuition or tuition reimbursement.
<p>Opportunity for Preliminary Proposal Submission</p>	<p>Any investigator has the option, if desired, to submit a pre-proposal to the Oregon Wine Board and participate in a discussion with the OWB Research Committee about its merits. These drafts of pre-proposals must be limited to one page, 12 pt. font, and must be submitted by November 1. The OWB Research Committee will hold a meeting at OSU in Corvallis on November 15 to review and discuss these preliminary proposals with investigators. If unable to attend in person, remote participation will be possible.</p> <p>Send an email with the preliminary proposal attached to Lydia Mullany: Lydia@oregonwine.org.</p>

<p>Application Submission</p>	<p>Required Components of a Complete Application:</p> <ol style="list-style-type: none"> 1. The application must be submitted electronically at http://fps.ucdavis.edu/vit no later than January 31, 2018. (The submission site opens December 1, 2017.) 2. The OWB uses two different programs for receiving verified signatures: HelloSign (hellosign.com) and DocuSign (docusign.com). Using either of these software programs, the PI should circulate his grant application to his institution's cognizant officers. Once the verified signatures have been attached, the software package should be instructed to send the final document to accounting@oregonwine.org at the Oregon Wine Board office by 5:00 p.m. on March 1, 2018. 3. The application must include all required components, including a list of relevant peer-reviewed publications and/or the PI's outreach activities (relevant workshops, seminars, etc.). <p>No exceptions will be made for late applications.</p>
<p>Notification of Awards</p>	<p>Applicants will be notified of funding appropriations approximately the week of May 1, 2018.</p>
<p>Questions</p>	<p>Questions regarding this RFA should be referred to Lydia Mullany at the Oregon Wine Board, (503)-228-8336 or lydia@oregonwine.org.</p>