

Northwest Center for Small Fruits Research

Funding Announcement for Sept. 2020

This list shows newly funded projects and continuing projects for the NCSFR. Project start date is Sept. 15th, 2020 with the first year completed by Sept. 14th, 2021. In addition, this list shows who will do oral reports and who will do posters at the Fall 2021 conference. Please refer to the Research Reporting Requirements document at www.nwsmallfruits.org/rfa.html. If you have any questions, please contact Greta Dupuis at info@nwberries.org

Poster	Oral Final	PI	Current year	Total # Years	Title
Y		Bondada, Bhaskar	1	3	Understanding the onset of systemic infection of Red Blotch virus and phenotypic studies of grapevines expressing a Red Blotch virus infectious clone
Y		Deluc, Laurent	2	3	Developing a Spray-Induced Gene Silencing (SIGS) method for the control of Grape Powdery Mildew (<i>Erysiphe necator</i>)
Y		DeVetter, Lisa; Hoheisel, Gwen; Davenport, Joan; LaHue, Gabe	1	2	Optimizing Nutrient Management for Organically Grown Blueberries East of the Cascade Range
Y		Fernandez-Salvador, Javier; Chernoh, Erica	1	3	Alternative Plastic Culture Production of Fresh-market Strawberry in Substrate, High Tunnels, and Low Tunnels
Y		Harbertson, James; Frost, Scott; Collins, Tom	1	2	Evaluation of Combined Effects of Grape Maturity, Alcohol Concentration and Long Term Maceration on the Flavor and Mouthfeel profile of Cabernet Sauvignon
	Y	Hummer, Kim	1	1	Phenotyping diverse strawberry cultivars 2020
Y		Karasev, Alexander	1	3	Virome associated with common grape virus diseases in the Pacific Northwest and the development of new detection tools
Y		Keller, Markus	2	3	Heat stress in wine grapes: acclimation and potential mitigation
Y		Lee, Jana	1	2	Sweet SWD control: non-target effects and field trials with erythritol
Y		Leisso, Rachel; Miller, Zach	1	2	Haskap fresh market potential (shelf-life) and fruit resilience to at-harvest damage
Y		Mahaffee, Walter	1	3	Botrytis Bunch Rot: Where, when and what to use
	Y	Mahaffee, Walter; Lowder, Sarah	1	1	It takes a village: Understanding barriers to regional cooperatives for pest and disease management
	Y	Martin, Robert; Tzanetakis, Ioannis	1	1	Dissecting the cause of recurrent blueberry shock disease
	Y	Moretti, Marcelo	3	3	Evaluating Commercially Available Technologies for Weed Management in Blueberries: Saturated Steam and Rotary Brush

	Y	O'Dea, Justin; Wiman, Nik; Milnes, Josh	1	1	Enhanced IPM of Rose Stem Girdler, an Emerging Pest of Pacific Northwest Caneberries
	Y	Osborne, James	3	3	Utilizing non-Saccharomyces Yeast as Bioprotectants during Pre-Fermentation Cold Soaking
Y		Ross, Carolyn	1	2	Detection of wine faults using the electronic tongue
	Y	Stockwell, Virginia	2	2	Identification of the fungal pathogen causing dry-berry and development of tools for rapid identification
Y		Stockwell, Virginia; Bouska, Cassie	1	3	Prevalence of cranberry fruit rots in commercial production beds in Oregon and Washington.
	Y	Strik, Bernadine	3	3	Alternative management systems of 'Columbia Star' blackberry for improved machine-harvested yield & quality
Y		Strik, Bernadine; Davis, Amanda	1	3	Can humic acids improve production in mature organic northern highbush blueberry?
Y		Tomasino, Elizabeth	2	3	Grape smoke exposure effects: Determining the compounds that cause smoke impacts in wine
	Y	Vining, Kelly; Bassil, Nahla	1	1	Development of Aphid Resistance Resources in Black Raspberry
Y		Walters, Thomas; Hoashi-Erhardt, Wendy	1	3	Trials of advanced raspberry selections to evaluate suitability for IQF processing and to promote adoption
	Y	Walton, Vaughn	2	2	Development and testing of a novel Spotted-Wing Drosophila deterrent
Y		Zasada, Inga	1	3	Risk assessment of nematode-transmitted viruses of small fruit crops in the Pacific Northwest