

NCSFR Special Research Grants

2007 Reviewed

2008 Funded

2009 Reporting

Principal Investigator	Inst.	Proposal Title
Yang, Wei	OSU	Correcting Iron Deficiency in Blueberries
Patten, Kim	WSU	Evaluation of New Cranberry Germplasm for Fresh Fruit Production in the Pacific Northwest
Thompson, Maxine & Barney, Danny L.	OSU	Edible-Fruited Honeysuckle, <i>Lonicera caerulea</i> L.: Cultivar Development and Advanced Trial Plots with Cooperators
Martin, Robert	USDA	Characterization and Control of Aphid-Borne Viruses in Black Raspberry Associated with Decline and Crumbly Fruit
James, David; & Grasswitz, Tessa	WSU	Attraction and Retention of Beneficial Insects Through Enhanced Plant Biodiversity in Irrigated Vineyards (<i>Vitis vinifera</i> L.)
Pinkerton, John & Riga, Ekaterina	USDA	New Strategies to Replace Nematicur in Red Raspberries for Plant Parasitic Nematode Control
Rayapati, Naidu	WSU	Impact of Rootstock-Scion-Virus Interactions on Grape Yield and Quality Attributes
Rayapati, Naidu & Martin, Robert R.	WSU	Profiling Viruses Associated with Grapevine Leafroll Disease in the Vineyards of the Pacific Northwest
Riga, Ekaterini & Pinkerton, Jack	USDA	Effects of Plant Parasitic Nematode Densities on Grapevine Establishment
Schreiner, Paul; Pinkerton, John; & Bryla, David	USDA	Evaluation of Nematode Resistant Grape Rootstock for Managing <i>Mesocriconea xenoplax</i>
Walton, Vaughn	OSU	Integrated Management Strategies and Biology of Bud Mites in Oregon and Washington State Vineyards
Keller, Markus	WSU	Changes in Grape Berry Size Due to Late-Season Irrigation
Shellie, Krista & Glenn, Mike	USDA	Particle Film and Deficit Irrigation: Partners to Enhance Wine Grape Quality and Sustainability
Strik, Bernadine	OSU	Weed and Fertility Management of a Newly Established Organic Blueberry Field
Harbertson, James	WSU	Rootstock and Scion Influences on Grape and wine Composition and Quality
Lee, Jungmin & Kennedy, James	USDA	Understanding Micro-Oxygenation Technique and the Oxidation of Grape/Wine Polyphenolics
Qian, Michael	OSU	Effect of Deficit Irrigation and Particle Film on Flavor and Flavor Precursors in Merlot Grape and Aroma Quality of Finished Wine
White, Linda & Strik, Bernadine	OSU	Storing Cranberry Fruit on the Vine - Impacts on Fruit Physiology, Yield and Quality
Finn, Chad	USDA	Breeding Blueberry Cultivars for the Pacific Northwest
Finn, Chad	USDA	Evaluation of Wild Black Raspberry (<i>Rubus occidentalis</i>) Populations for Disease Resistance, Fruit Quality and Vigor
Hummer, Kim & Postman, Joseph	USDA	Response of Black Currants to White Pine Blister Rust Inoculation
Bondada, Bhaskar	WSU	Practical Implications of the Relationship Between Vigor and Xylem Vessel Anatomy in Grapevine
Bryla, David; Kaufman, Diane; & Strik, Bernadine	USDA	Best Irrigation Management Practices for Red Raspberry
Keller, Markus	WSU	Relationship Between Shoot Number and Vigor in Grapevines: Physiological Causes and Practical Implications
Strik, Bernadine	OSU	Nutrient Accumulation and Partitioning in Mature Blueberry Plants
Edwards, Charles	WSU	Impact of Specific Amino Acids and Pantothenic Acid on Yeast Metabolism and H ₂ S Formation
Grove, Gary	WSU	Influence of Sun Exposure on Progress of Grapevine Powdery Mildew Epidemics and UV-A and UV-B on Airborne Spore Population of <i>Erysiphe Necator</i>
Martin, Robert & Tzanetakis, Ioannis	USDA	Characterization and Detection of Viruses Associated with Blueberry Fruit Drop, Blueberry Mosaic and Flower Drop Diseases in Blueberry
Cheng, Lailiang & Kelleer, Markus	CU	Reducing Leaf Chlorosis of 'Concord' Grapevines: Effects of FeEDDHA and Rootstocks
Tarara, Julie & Blom, Paul	USDA	Trellis Tension Monitor: Tool for Vineyard Sampling and Yield Estimation
Bondada, Bhaskar	WSU	Understanding and Applying Physiological and Anatomical Adjustments of Grapevine to Identify Drought Resistant Cultivars for Sustaining Grape Production in Drought Conditions
Ringer, Kerry & Harbertson, James	WSU	Dehydration of Berry Purees to Produce Value-Added Powders of High Quality for Use in Nutritional Supplements
Ross, Carolyn	WSU	Impact of Ethanol on the Aroma and Flavor Perception of Red Wine
Zhao, Yanyun	OSU	Development of Value-Added Products From Wine Processing Biowaste
Barney, Danny & McDaniel, Paul	UI	Huckleberry and Bilberry Physiology, Development, and Environmental Factors Related to Production Systems
Thill et al	U of I	Development of Improved Horticultural Practices for Grapes Grown in the Pacific Northwest
Wei Q. Yang	OSU	Northwest Berry & Grape Information Network