

NCSFR Special Research Grants

2008 Reviewed

2009 Funded

2010 Reporting

Principal Investigator	Inst.	Proposal Title
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
Rayapati, Naidu	WSU	Impact of Rootstock-Scion-Virus Interactions on Grape Yield and Quality Attributes
Rayapati, Naidu & Martin, Robert R.		Profiling Viruses Associated with Grapevine Leafroll Disease in the Vineyards of the Pacific Northwest
Keller, Markus	WSU	Changes in Grape Berry Size Due to Late-Season Irrigation
Harbertson, James	WSU	Rootstock and Scion Influences on Grape and wine Composition and Quality
Johnson, Ken & Mahaffee, Walt	OSU	Biology and Management of Blackberry Rust
Lee, Jungmin & Kennedy, James	USDA	Understanding Micro-Oxygenation Technique and the Oxidation of Grape/Wine Polyphenolics
Bondada, Bhaskar	WSU	Practical Implications of the Relationship Between Vigor and Xylem Vessel Anatomy in Grapevine
Barney, Danny & McDaniel, Paul	UI	Huckleberry and Bilberry Physiology, Development, and Environmental Factors Related to Production Systems
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 E. & Postman, Joseph	USDA	Response of Black Currants to White Pine Blister Rust Inoculation
Bryla, David R.; Kaufman, Diane; & Strik, Bernadine	USDA	Best Irrigation Management Practices for Red Raspberry
Harbertson, James	WSU	Rootstock and Scion Influences on Grape and Wine Composition and Quality
Keller, Markus	WSU	Relationship Between Shoot Number and Vigor in Grapevines: Physiological Causes and Practical Implications
Bondada, Bhaskar	WSU	Practical Implications of the Relationship Between Vigor and Xylem Vessel Anatomy in Grapevine
Edwards, C.G.	WSU	Impact of Specific Amino Acids and Pantothenic Acid on Yeast Metabolism and H ₂ S Formation
Edwards, C. G.	WSU	Use of Epi-Fluorescence Microscopy as a Means to Determine the Physiological Status of Wine Microorganisms Including Prediction of <i>Brettanomyces</i> Blooms
Zhao, Yanyun	OSU	Development of Value-Added Products from Wine Pomace
Ringer, Kerry & Harbertson, James	WSU	Dehydration of Berry Purees to Produce Value-Added Powders of High Quality for Use in Nutritional Supplements
Martin, Robert R. & Tzanetakakis, Ioannis E.	USDA	Characterization and Detection of Viruses Associated with Blueberry Fruit Drop, Blueberry Mosaic and Flower Drop Diseases in Blueberry
Bondada, Bhaskar	WSU	Understanding and Applying Physiological and Anatomical Adjustments of Grapevine to Identify Drought Resistant Cultivars for Sustaining Grape Production in Drought Conditions
Ross, Carolyn F.	WSU	Impact of Ethanol on the Aroma and Flavor Perception of Red Wine
Baird, William M. & Williams, David E.	OSU	Inhibition of Cancer Induction by Red Raspberry Extract and a Component Cyanadin-3-o-Glucoside
Walton, Vaughn M.; Martin, Robert; & Dreves, Amy J.	OSU	Determining In-Vineyard Vine Leafroll Distribution and the Incidence and Role of Virus Vectors in Virus Spread in Oregon Vineyards
Bakalinsky, Alan T.	OSU	Stability of Yeast Mannoproteins in Oregon Pinot noir Wines
Finn, Chad & Bassil, Nahla	USDA	Molecular Markers for Aphid Resistance in Black Raspberry
Strik, Bernadine C.	OSU	Organic Blueberry Production Systems
Finn, Chad	USDA	Establishment of Hardy Kiwifruit (<i>Actinidia arguta</i>) Selection Evaluation Trial
Thompson, Maxine	OSU	Cultivar Development of Edible-Fruited Honeysuckle <i>Lonicera caerulea</i> L.
Peachey, Ed		New Opportunities for Control of Bindweed in Blackberries
Loper, Joyce & Stockwell, Virginia	USDA	Population Dynamics of <i>Pseudomonas syringae</i> and Management of Bacterial Blight on Blueberry
Strik, Bernadine C. & Bryla, David	OSU	Weed, Water, and Nutrient Management Practices for Organic Blackberry Production
Patten, Kim	WSU	Weed and Insect Control in Cranberry Beds
Rayapati, Naidu A. & Martin, Robert R.	WSU	Genetic Diversity Among Grapevine Viruses in the Pacific Northwest
Skinkis, Patricia A. & Schreiner, Paul	OSU	Effects of Vineyard Cover Crop Management on Soil Moisture, Vine Growth and Nutrition in Establishing Young Vines
Walton, Vaughn; Mahaffee, Walt; & Dreves, Amy J.	OSU	Integration of Mite Biological Control Using Timed Miticide Application and Organic and Low Input Fungus Programs
Osborne, James & Edwards, Charles	OSU	Impact of <i>Pediococcus</i> Spp. on the Quality of Washington and Oregon State Red Wines
Qian, Michael	OSU	Effects of Cluster Zone Leaf Removal on Norisoprenoids of Pinot Noir Fruit and Wine Part 2. Grape Composition and Wine Aroma
Skinkis, Patricia A.	OSU	Effects of Cluster Zone Leaf Removal on Norisoprenoids of Pinot Noir Fruit and Wine Part 1: Canopy Microclimate and Fruit Quality
Tarara, Julie & Blom, Paul	USDA	Trellis Tension Monitor: Tool for Vineyard Sampling and Yield Estimation
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