

# Research Projects 2018-19

Researcher: Study Pertaining to:

Project Cost:

## Viticulture

<b>Dresser</b>	Reducing prediction error of regional and field-level yield forecasts in Lake Erie Concord through the integration of precision Viticulture technologies.	\$32,911
<b>Hed</b>	Efficacy of alternative fungicides for grape disease management	\$8,784
<b>Jentsch</b>	Cabernet Franc Clone and Rootstock Selection Suitable for Hudson Valley AVA and Viticultural Techniques for Superior Fruit Quality.	\$24,402
<b>Martinson</b>	Bud Hardiness and Winter Injury Assessment 2016-2017	\$20,320
<b>Martinson</b>	Continuing Veraison to Harvest Newsletter and Fruit Sampling in 2017	\$17,182
<b>Reisch</b>	Breeding & Evaluation of new wing grape varieties with improved cold tolerance and disease resistance.	\$21,655
<b>Timer</b>	Effectiveness, Feasibility, and Profitability of Optimizing Insecticide and Fungicide Spray Programs in High Pressure Vineyards	\$12,696
<b>Timer</b>	Residual Decline and Efficacy of Commonly Used Insecticides against Grape Berry Moth <i>Paralobesia viteana</i> (Clemens) in Concord Grapes.	\$13,798
<b>Walter-Peterson</b>	Evaluation of Methods for Management of Field Bindweed in New York Vineyards.	\$16,738
<b>Weigle</b>	Increasing the Reliability and Scope of NEWA weather and pest Model Information in the Lake Erie Region.	\$41,604
<b>Wise</b>	The impact of adjuvants on late season cluster rot.	\$9,226
<b>Wise</b>	Efficacy of biopesticides for control of botyrtis bunch rot and sour rot in winegrapes.	\$12,633
<b>Wise</b>	Evaluation of Winegrape Cultivars on Long Island.	\$21,011
<b>Sub-Total - Viticulture Projects</b>		<b>\$252,960</b>

## Enology

<b>Gerling</b>	Wine Analytical Laboratory and the New York Wine Data Bank	\$50,000.00
<b>Mansfield</b>	Impact of Endogenous Protein on Mousse Stability in Sparkling Hybrid Wines	\$29,751.00
<b>Sacks</b>	Dearomatization of juices for premium wine production	\$62,211.00
<b>Sacks</b>	Development of rapid approaches for quantifying key flavor compounds and their precursors in grapes	\$117,254.00
<b>Sub-Total - Enology</b>		<b>\$259,216.00</b>

## Other

<b>Martinson</b>	Viticulture/Enology Listening Sessions	\$1,500.00
	Miscellaneous Research Projects including Vineyard Survey, Sustainability project, Concord project etc.	\$40,842.15
	Membership dues for NWGI, WMC & WA; other administrative expenses	\$27,131.85
<b>Sub-Total- Other</b>		<b>\$69,474.00</b>

**Total Research** **\$581,650.00**