

2018 Recent Advances in Viticulture and Enology

November 30, 2018 at the Activities and Recreation Center, U C Davis

8:30-9:00 Coffee and Registration

Session 1: Karen Block, Moderator - *Director of Industry Relations, Dept of Viticulture & Enology, UCD*

9:00-9:05 Welcome and Introductions – *Anita Oberholster, Cooperative Extension Specialist, Enology, Dept of Viticulture and Enology, UCD*

9:05-9:15 Department Update – *David Block, Department Chair and Professor, Dept of Viticulture & Enology, UCD*

9:15-9:45 The Effect of Twelve Months of In-Bottle Aging on the Phenolic Composition, Sensory Taste, and Mouthfeel Attributes of Pinot Noir Wines from Twelve West Coast Vineyard Locations - *Annegret Cantu, Associate Specialist, Dept of Viticulture & Enology, UCD*

9:45-10:15 Impact of Winemaking Conditions on Phenolic Extraction - *Anita Oberholster*

10:15-10:45 Differences in Spatial Water Uptake of Mg during Drought by Rootstocks 110R and 101-14 Revealed by Multidimensional Electrical Resistivity Tomography - *Kaan Kurtural, Cooperative Extension Specialist, Viticulture, Dept of Viticulture & Enology, UCD*

10:45-10:55 Break

Session 2: Anita Oberholster, Moderator

10:55-11:25 Improved Analytical Methods for SO₂ - *Andrew Waterhouse, Professor, Dept of Viticulture & Enology, UCD*

11:25-11:55 Current and Future Research in Sustainable Winemaking at UC Davis - *Ron Runnebaum, Assistant Professor, Department of Viticulture & Enology, UCD*

11:55- 12:15 Poster Highlights – Individual Researcher Flash Talks

12:15-1:15 Catered Lunch and Poster Session

Session 3: Matthew Fidelibus, Moderator - *Cooperative Extension Specialist, Viticulture, Dept of Viticulture & Enology, Kearney Ag Center, UCD*

1:15-1:35 Introduction of Megan Bartlett as New Faculty Member – *Assistant Professor, Dept of Viticulture & Enology, UCD*

1:35-2:05 Understanding Yeast Strain Differences through a Genome-scale Modeling Approach,
David Block

2:05-2:35 Understanding Drought and Heat Tolerance in Grapevine: Perspectives from Wild Species and Cultivars - *Elisabeth Forrestel, Postdoctoral Fellow, Department of Viticulture & Enology, UCD*

2:35-3:05 Current and Future Objectives of the Grape Breeding Program at UC Davis - *Andrew Walker, Professor, Department of Viticulture & Enology, UCD*

3:05-3:10 Closing – *Anita Oberholster*