

WINEMAKING

CURRENT WINE AND WINEGRAPE RESEARCH

Course Agenda

8:30 AM Coffee and Registration

9:00 WELCOME AND INTRODUCTIONS

Deborah Golino, UGMVE Director

SESSION 1: Moderator – Deborah Golino

9:10 “Investigation of the Impact of Grapevine Red Blotch Virus (GRBV) on Phenolic Extractability and Winemaking Strategies to Mitigate”

Anita Oberholster, Department of Viticulture and Enology, UC Davis

9:30 “Wine Oxidation Research”

Thi Nguyen, Department of Viticulture and Enology, UC Davis

9:50 “Impact of Deficit Irrigation and Mechanical Leafing on Cabernet Sauvignon Grape and Wine in the San Joaquin Valley”

George Zhuang, University of California Cooperative Extension

10:10 “Developing Informed Irrigation Practices to Mitigate Heat Wave Impacts on Winegrapes”

Beth Forrestel, Department of Viticulture and Enology, UC Davis

10:30 BREAK

SESSION 2: Moderator – Kristen Farrar

10:50 “Trait Improvement in Elite Grape Cultivars via Genome Editing”

Gan-Yuan Zhong, USDA-ARS, Geneva, New York

11:10 “The Next Phase of the Walker Rootstock Breeding Program”

Andy Walker, Department of Viticulture and Enology, UC Davis

11:30 “Fungicide Resistance in Grape Powdery Mildew Across the Western US; What Do We Know So Far?”

Ioannis Stergiopoulos, Department of Plant Pathology, UC Davis



TUESDAY

**FEBRUARY 11,
2020**

9:00 A.M. – 5:00 P.M.

UC Davis Conference
Center

- **PCA units applied for**
- **\$149** includes lunch, wine reception that starts at 4:00 pm, and course materials

Enroll in section 193VIT203 at:

<https://extension.ucdavis.edu/section/current-wine-and-winegrape-research> For more information or to enroll:

(530) 757-8608

12:00-12:45 CATERED LUNCH

SESSION 3: Moderator – Karen Block

1:00 PM “Testing Commercially Available Nematode Resistant Rootstocks for Use in the San Joaquin Valley”

Karl Lund, University of California Cooperative Extension

1:20 “Does Osmotic Adjustment in Root Cells Improve Rootstock Drought Tolerance?”

Megan Bartlett, Department of Viticulture and Enology, UC Davis

1:40 “Study on the Use of Source-Sink Reserves Relations to Manipulate Grape Maturity and Its Relationship to Yields and Wine Composition”

Kaan Kurtural, Department of Viticulture and Enology, UC Davis

2:00 “Physiological Responses of Grapevine to Salt Stress and Remediation by CaSO₄ Amendments in Central Valley of California”

Luca Brillante, Department of Viticulture and Enology, CSU Fresno

2:20 BREAK

SESSION 4: Moderator – Maher Al Rwahnih

2:40 “Reduction of Powdery Mildew Disease of Grapevine via Spray-Induced Gene Silencing”

Mary Wildermuth, Department of Plant and Microbial Biology, UC Berkeley

3:00 “Grapevine Virus Management in LODI: A Collaborative Research & Integrated Outreach Effort to Help Solve a Statewide Challenge”

Stephanie Bolton, Lodi Winegrape Commission

3:20 “Controlling Grapevine Trunk Diseases in California: Research Update”

Akif Eskalen, Department of Plant Pathology, UC Davis

3:40 “Moving Forward with Red Blotch in the Russell Ranch Foundation Vineyard”

Maher Al Rwahnih, Foundation Plant Services, UC Davis

4:00 – 5:00 WINE SOCIAL – Meet the researchers. Sponsored by the American Vineyard Foundation and National Grape Research Alliance.