

**JEAN C. DODSON PETERSON, Ph.D.**  
DEPARTMENT OF WINE AND VITICULTURE  
DEPARTMENT OF HORTICULTURE AND CROP SCIENCE  
CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO  
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## **EDUCATION**

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- University of California, Davis, California** 2011 – 2014  
Doctor of Philosophy in Horticulture and Agronomy, Viticulture  
Dissertation: Grapevine Rootstock-Scion Interactions and Influence on Ripening  
Periods and Initiation of Dormancy  
Advisor: Dr. M. Andrew Walker
- University of California, Davis, California** 2009 – 2012  
Master of Science in Horticulture and Agronomy, Viticulture  
Thesis: Evaluating the Virulence of Erysiphe necator Strains with a Leaf  
Disk Assay  
Advisor: Dr. M. Andrew Walker
- University of California, Davis, California** 2004 – 2009  
Bachelor of Science in Viticulture and Enology  
Minor in Managerial Economics

## **ACADEMIC EMPLOYMENT AND TEACHING EXPERIENCE**

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- California Polytechnic State University, San Luis Obispo, California**
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| Associate Professor, Department of Wine and Viticulture          | 2019 – Present |
| Associate Professor, Department of Horticulture and Crop Science | 2021 – Present |
| Assistant Professor, Department of Wine and Viticulture          | 2014 – 2019    |
- WVIT 233 (WVIT 232) Basic Viticulture  
Fundamentals of grape growing, with emphasis on wine grapes. Fundamentals of vine anatomy and physiology, development, and phenology, trellising systems, soils, climatic factors, vineyard establishment, grafting, irrigation, fertility, harvest practices, pruning, major pests, and major varieties and rootstocks.
- WVIT 331 Advanced Viticulture  
Advanced viticulture theory and practice, with an emphasis on fall season activities. Identification of rootstocks, wine and table grapes, species taxonomy and diversity, and breeding for grapevine improvement.
- WVIT 332 Advanced Viticulture  
Advanced viticulture theory and practice with emphasis on winter season activities. Pruning to influence vine balance, productivity, training and trellising systems, vineyard establishment, cover cropping and weed management.

WVIT 333 Advanced Viticulture

Advanced viticulture theory and practices with emphasis on spring activities. Vine source/sink relations, factors impacting yield and berry composition, the role environmental conditions on vine physiology, and canopy management.

WVIT 400 Advanced Undergraduate Independent Study

Individual investigation, research, studies, or surveys of selected problems.

WVIT 461 Senior Project I

Development of a research project topic under faculty supervision, review of relevant literature, development of experimental research design.

WVIT 462 Senior Project II

Completion of a research project under faculty supervision, data collection, analysis, and formal report preparation.

WVIT 465 Senior Project – Research Experience in Enology or Viticulture

Involvement in the experimental design, execution, data analysis and reporting of research under the direct supervision of faculty. Completion of several critiques of current peer-reviewed journal articles in enology and/or viticulture.

AEPS 500 Individual Study in Horticulture and Crop Science

Advanced independent study planned and completed under the direction of a supervising research investigator.

AEPS 596 Thesis in Crop Science

Systematic research of a significant problem in Crop Science. Thesis includes problem identification, significance, methods, data analysis and conclusion.

**University of California, Davis, California**

Teaching Assistant, Department of Viticulture and Enology

2008 – 2014

VEN 101A Viticulture Practices

Identification, cultivation, and use of major wine, table, raisin, and rootstock cultivars. Includes practices such as maturity sampling, harvesting, cover crops, and soil-pests.

VEN 101B Viticulture Practices

Theory, principles, and practices of pruning and grapevine propagation. Plant materials and certification, weed control and identification, wood diseases, and frost protection.

VEN 124 Wine Production Laboratory

Sensory evaluation of wines and model systems using discrimination tests, ranking, descriptive analysis, and time-intensity analysis.

**University of California, Davis, California**

Teaching Assistant, Horticulture and Agronomy Graduate Group 2012

HRT 298 Graduate Level Principles of Horticulture and Agronomy

Exploration of Horticulture and Agronomy topics.

**CERTIFICATIONS, FELLOWSHIPS AND AWARDS**

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**California Polytechnic State University**

CSU Agricultural Research Institute Grant Reviewer 2022  
American Society of Enology and Viticulture, Best Enology Paper 2021  
Outstanding Reviewer of the Year Wine Business Case Research Journal 2021  
Certification in Effective College Instruction (ACUE, ACE) 2021  
CSU Cal Poly Academic Leadership Academy Participant 2020  
New Faculty Teaching Awardee 2020  
New Faculty Teaching Award Nominee 2019  
Terrance Harris Award for Excellence in Mentorship 2018  
SLO Edible Magazine – Recognition as Wine Industry Game Changer 2018  
Center for Research, Excellence and Diversity in Team Science Participant 2017  
New Faculty Teaching Award Nominee 2017  
Cal Poly Panhellenic Community Outstanding Faculty Recognition 2016  
New Faculty Teaching Award Nominee 2016

**University of California, Davis, California**

2013 – 2014

Horace O. Lanza Scholarship  
N. Fay Fellowship  
Harold Olmo Fellowship  
Wine Spectator Fellowship

**University of California, Davis, California**

2012 – 2013

Margrit Mondavi Award  
Orange County Wine Society Award  
J. Pickett Ag Scholarship  
Winkler Fellowship

**University of California, Davis, California**

2011 – 2012

American Vineyard Award  
H. Baccigaluppi Fellowship  
C.J. Alley Fellowship  
Knights of the Vine Fellowship

Wine Spectator Fellowship  
Leon Adams Scholarship  
Kunde Scholarship

University of California, Davis, California  
Outstanding Peer Advisor

2008 – 2009

## SCHOLARSHIP

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### Books and Chapters

1. Rahemi A, **Dodson Peterson JC**, Lund KT. 2022. Grape Rootstocks and Related Species. Springer, New York, New York.  
ISBN-13: 9783030994068
2. **Dodson Peterson JC**, Duncan R, Hirschfelt D, Ingels C, McGourty G, Smith R, Weber E, Wolpert J, Anderson M, Benz J, Walker A. 2019. Grape Rootstock Breeding and Their Performance Based on the Wolpert Trials in California. In The Grape Genome. Chapter 14. Springer, New York, New York.  
DOI: 10.1007/978-3-030-18601-2\_14
3. Heinitz CC, Uretsky J, **Dodson Peterson JC**, Huerta-Acosta KG, Walker MA. 2018. Crop Wild Relatives of Grape (*Vitis vinifera* L.) throughout North America. In North American Crop Wild Relatives: Conservation and Use. Chapter 21. Springer, New York, New York.  
DOI: 10.1007/978-3-319-97121-6\_10

### Peer-Reviewed Manuscripts

1. Munoz J, Ellis D, **Dodson Peterson JC**. 2022. The Effect of Spur Position and Pruning Severity on Shoot Development. In Preparation.
2. Riffle V, Alvarez Arredondo J, LoMonaco I, Appel C, Catania AA, **Dodson Peterson JC**, Casassa LF. 2022. Vine Age Affects Vine Performance, Grape and Wine Chemical and Sensory Composition of cv. Zinfandel in the Central Coast of California. Under Review.
3. Afriyie P, Watts KR, **Dodson Peterson J**, Lazcano C, Casassa F, Richmond FC, Ruiz-Juarez B. 2022. Procedures Controlling the Tail Probability of the False Discovery Proportion. Statistics in Biosciences. Under Review.
4. Lazcano C, Gonzalez-Maldonado N, Yao EH, Wong CTF, Merrilees JJ, Falcone M, **Dodson Peterson J**, Casassa LF, Decock C. 2022. Sheep Grazing as a Strategy to Manage Cover Crops in Mediterranean Vineyards: Short-term Effects on Soil C, N and Greenhouse Gas (N<sub>2</sub>O, CH<sub>4</sub>, CO<sub>2</sub>) Emissions. Agriculture, Ecosystems and Environment 327.  
DOI: 10.1016/j.agee.2021.107825

5. Riffle V, Palmer N, Casassa LF, **Dodson Peterson JC**. 2021. The Effect of Grapevine Age (*Vitis vinifera* L. cv. Zinfandel) on Phenology and Gas Exchange Parameters Over Consecutive Growing Seasons. *Plants* 10 (2):311.  
DOI: 10.3390/plants10020311
6. Casassa LF, Dermutz NP, Thompson M, Catania AA, Collins TS, Ashmore PL, du Fresne F, Gasic G, **Dodson Peterson JC**. 2021. Whole Cluster and Dried Stem Additions' Effects on Chemical and Sensory Properties of Pinot noir Wines over Two Vintages. *American Society of Enology and Viticulture* 72: 21-35.  
DOI: 10.5344/ajev.2020.20037
7. Lazcano C, Deniston-Sheets HM, Stubler C, Hodson AK, Watts KR, Afriyie P, Casassa F, **Dodson Peterson JC**. 2020. Soil Management Induced Shifts in Nematode Food Webs within a Mediterranean Vineyard in the Central Coast of California (USA). *Applied Soil Ecology* 157.  
DOI: 10.1016/j.apsoil.2020.103756
8. Casassa LF, Mawdsley PFW, Stoffel E, Williams P, **Dodson Peterson JC**. 2019. Chemical and Sensory Effects of Cofermentation and Post-malolactic Fermentation Blending of Syrah with Selected Rhône White Cultivars. *Australian Journal of Grape and Wine Research* 26:41-52.  
DOI: 10.1111/ajgw.12413
9. Mawdsley PFW, **Dodson Peterson JC**, Casassa LF. 2019. Multi-year Study of the Effects of Cluster Thinning on Vine Performance, Fruit, and Wine Composition of Pinot noir (Clone 115) in California's Edna Valley AVA (USA). *Scientia Horticulturae* 256.  
DOI: 10.1016/j.scienta.2019.108631
10. **Dodson Peterson JC**, Richmond F, Ferrara A, Watts K, Casassa LF. 2019. The Longevity of Sustainable Vineyard Practices. *Wine Business Case Research Journal* 3:49-64.  
DOI: 10.26813/wbcry/2019.03.01/longevity
11. Mawdsley PFW, **Dodson Peterson JC**, Casassa LF. 2018. Agronomical and Chemical Effects of the Timing of Cluster Thinning on Pinot Noir (Clone 115) Grapes and Wines. *Fermentation* 4:60.  
DOI: 10.3390/fermentation4030060
12. **Dodson Peterson JC**, Walker MA. 2017. Grapevine Rootstock Influence on Scion Development and Initiation of Senescence. *Catalyst: Discovery into Practice* 1:48-54.  
DOI: 10.5344/catalyst.2017.16006
13. Higgins M, **Dodson Peterson JC**, Lau MH. 2016. Risky Business: Building a Super Luxury Wine Brand. *Wine Business Case Research Journal* 1:27-43.  
DOI: 10.26813/wbcry/2016.01.01/risky

## Professional Conference Presentations

1. **Dodson Peterson JC**, Riffle V, Casassa LF. "Effect of Vine Age on Viticultural and Enological Performance Factors on *Vitis vinifera* L. cv. Zinfandel Grapes. Oral Presentation at the 120<sup>th</sup> American Society for Horticulture Science Annual Conference. Virtual and Denver, Colorado, August 2021.
2. Riffle V, Palmer N, Casassa LF, **Dodson Peterson JC**. "The Effect of Grapevine Age (*Vitis vinifera* L. cv. Zinfandel) on Vine Performance and Fruit Composition." Oral Presentation at the 71<sup>st</sup> National Conference of the American Society of Enology and Viticulture. Virtual, June 2021.
3. Riffle V, Casassa LF, **Dodson Peterson JC**. "The Effect of Grapevine Age (*Vitis vinifera* L. cv. Zinfandel) on Vine Performance in the Central Coast of California." Oral Presentation at the 2021 California Plant and Soil Conference (UCANR). Virtual, February 2021.
4. Moriarty L, Palmer N, **Dodson Peterson JC**. "Stomatal Response of Grafted and Un-grafted Grapevines Under Moderate Water Stress Conditions." Poster Presentation at the 34<sup>th</sup> Annual CSUPERB Biotechnology Symposium. Virtual, January 2021.
5. Palmer N, Moriarty L, Wootten J, Stauch S, **Dodson Peterson JC**. "Characterization of Commercial Grapevine Rootstock Hydraulic Response to Water Stress." Poster Presentation at the American Soil Society and Crop Science Society of America International Meeting. Virtual, November 2020.
6. **Dodson Peterson JC**, Palmer N. "Characterization of Commercial Grapevine Rootstock Stomatal Response Under Water Stress." Poster Presentation at the 119<sup>th</sup> American Society for Horticulture Science Annual Conference. Virtual, August 2020.
7. **Dodson Peterson JC**. "From Vine to Glass: The Importance of Rootstock Selection in Wine." Plenary Oral Presentation at the 33<sup>rd</sup> Annual CSUPERB Biotechnology Symposium, Santa Clara, California, January 2020.
8. Palmer N, Stauch S, Ling C, Wootten J, **Dodson Peterson JC**. "Characterization of Commercial Grapevine Rootstock Hydraulic Response to Water Stress." Poster Presentation at the 33<sup>rd</sup> Annual CSUPERB Biotechnology Symposium, Santa Clara, California, January 2020.
9. Mawdsley P, Casassa LF, **Dodson Peterson JC**. "Multi-year Study of the Effects of Cluster Thinning on Vine Performance and Fruit and Wine Composition of Pinot noir." Oral Presentation at the 70<sup>th</sup> National Conference of the American Society of Enology and Viticulture, Napa, California, June 2019.
10. Casassa LF, Dermutz NP, Mawdsley P, Thompson M, du Fresne F, **Dodson Peterson JC**. "Two-Year Study of the Chemical and Sensory Effects of Whole Cluster and Dried Stem Additions in Pinot noir." Oral Presentation at the 70<sup>th</sup> National Conference of the American Society of Enology and Viticulture, Napa, California, June 2019.

11. Postiglione D, Casassa LF, **Dodson Peterson JC**. “Two-Year Study of the Effects of Berry Size and Manipulations of Fermentation Solids in Zinfandel Grapes and Wines.” Flash Talk and Poster Presentation at the 70<sup>th</sup> National Conference of the American Society of Enology and Viticulture, Napa, California, June 2019.
12. **Dodson Peterson JC**, Trevino E, Casassa LF, Lazcano C, Afriyie PK, Watts K. “Effects of Cover Crops on Vineyard Soil Microbial Diversity, Yields and Fruit Composition in *Vitis vinifera* L. cv. Pinot Noir.” Soil Science Society of America International Soils Meeting, San Diego, California, January 2019.
13. **Dodson Peterson JC**, Mawdsley P, Casassa LF. “Effects of Cluster Timing on Grapevine Carbohydrate Reserves in Cool Climate Pinot Noir.” Oral Presentation at the American Soil Society and Crop Science Society of America International Meeting with the Canadian Society of Agronomy, Baltimore, Maryland, November 2018.
14. Heinitz C, Riaz S, Uretsky J, **Dodson Peterson JC**, Huerta K, Walker MA. “Wild Species from North America – A History of Use and New Collections.” Oral Presentation at the American Soil Society and Crop Science Society of America International Meeting with the Canadian Society of Agronomy, Baltimore, Maryland, November 2018.
15. Villaseñor C, Ellis D, Prince A, Anderson MM, Walker MA, **Dodson Peterson JC**. “Effect of Shoot Density Manipulation on Canopy Growth and Berry Chemistry.” Flash Talk and Poster Presentation at the 69<sup>th</sup> National Conference of the American Society of Enology and Viticulture, Monterey, California, June 2018.
16. Dermutz NP, Mawdsley PFW, Thompson M, **Dodson Peterson JC**, Casassa LF. “Effects of Whole Cluster and Dried Stem Additions on Color, Phenolics, and Sensory Properties of Pinot noir wines Over Two Consecutive Vintages.” Flash Talk and Poster Presentation at the 69<sup>th</sup> National Conference of the American Society of Enology and Viticulture, Monterey, California, June 2018.
17. Postiglione, D, **Dodson Peterson JC**, Casassa LF. “Effects of Variations of Berry Size and Manipulations of Fermentation Solids in Zinfandel Grapes and Wines.” Flash Talk and Poster Presentation at the 69<sup>th</sup> National Conference of the American Society of Enology and Viticulture, Monterey, California, June 2018.
18. Mawdsley P, Stoffel E, **Dodson Peterson JC**, Casassa LF. “Chemical and Sensory Effects of Cofermentation and Post-fermentation of Blending of Syrah with Selected Rhône White Varieties.” Flash Talk and Poster Presentation at the 69<sup>th</sup> National Conference of the American Society of Enology and Viticulture, Monterey, California, June 2018.
19. **Dodson Peterson JC**. “Influence of Grapevine Rootstock on Scion Development.” Oral Presentation at the Inauguration Ceremony of the Silk Road Viticulture and Enology Technology Alliance and the Enology Development Forum and the Enology Advanced Seminar, Northwest A&F University, Yangling, Shaanxi, China, April 2018.

20. Deniston-Sheets H, Smith J, Hodson A, Watts KR, Richmond CF, Mais S, **Dodson Peterson JC**, Lazcano C. "Shifts in Nematode Foodweb Structure and Nutrient Cycling Following Sustainable Soil Management in a California Vineyard." Poster Presentation at the Crop Science Society of America Annual Meeting, Tampa, Florida, October 2017.
21. Mawdsley P, Casassa LF, **Dodson Peterson JC**. "Effect of Timing of Cluster Thinning on Pinot noir Grapes and Wines." Poster Presentation at the 68<sup>th</sup> National Conference of the American Society of Enology and Viticulture, Bellevue, Washington, June 2017.
22. Ellis D, Anderson M, Walker MA, **Dodson Peterson JC**. "Effect of Pruning Severity on Grapevine Shoot and Cluster Development as a Function of Arm Position Along the Cordon." Poster Presentation at the 68<sup>th</sup> National Conference of the American Society of Enology and Viticulture, Bellevue, Washington, June 2017.
23. **Dodson Peterson JC**, Watts KR. "Characterization of Vineyard Soil Microbial Communities in Central Coast Vineyards." Poster Presentation at the International Terroir Congress, McMinnville, Oregon, July 2016.
24. **Dodson Peterson JC**, Anderson M, Walker MA, Robertson B. "Grapevine Bud Fruitfulness as a Function of Cordon Position." Poster Presentation at the 67<sup>th</sup> National Conference of the American Society of Enology and Viticulture, Monterey, California, June 2016.
25. **Dodson Peterson JC**, Walker MA. "Grape Rootstock-Scion Interactions and their Influence on Ripening Periods and the Initiation of Senescence." Poster Presentation and Flash Talk at the 65<sup>th</sup> National Conference of the American Society of Enology and Viticulture, Austin, Texas, June 2014.
26. **Dodson JC**, Walker MA. "Grape Rootstock-Scion Interactions and Influence on Ripening Periods and the Initiation of Senescence." Poster Presentation at the 64<sup>th</sup> National Conference of the American Society of Enology and Viticulture, Monterey, California, June 2013.
27. **Dodson JC**, Walker MA. Walker. "Evaluating the Virulence of *Erysiphe necator* Strains with a Leaf Disk Assay." Oral Presentation at the 62<sup>nd</sup> National Conference of the American Society of Enology and Viticulture, Monterey, California, June 2011.

### **Professional Industry Presentations**

1. **Dodson Peterson JC**. "The History of Rootstocks – Lessons Learned from other Regions." Oral Presentation at the Washington Winegrowers WineVit Conference 2021, Virtual, March 2021.
2. Stauch S, **Dodson Peterson JC**. "Grape Rootstock Selection as a Factor in Green-growing Benchgraft Vineyard Establishment Success." Oral Presentation at the 2020 Western Society of Crop Science Annual Meeting. Virtual, July 2020.



3. **Dodson Peterson JC.** "The Wolpert Rootstock Trials: A Review of Past and Current Efforts." Oral Presentation at the Lodi Winegrape Commission and E. & J. Gallo Winery Rootstock Field Day, Acampo, California, July 2019.
4. **Dodson Peterson JC.** "Rootstock Effect on Growth and Nutrient Uptake." Calaveras Winegrape Alliance, Murphy's California, May 2019.
5. **Dodson Peterson JC.** "Establishment Success of Pest Resistant Grapevine Rootstocks." Oral Presentation at the Central Coast Grape Exposition, Paso Robles, California, November 2018.
6. **Dodson Peterson JC.** "The Effect of Vineyard Management Practices on Soil Microbial Diversity and Vine Development." Oral Presentation at the Calaveras County Winegrape Alliance Meeting, Murphys, California, July 2018.
7. **Dodson Peterson JC, Walker MA.** "Grapevine Bud Fruitfulness as a function of Spur Position." Oral Presentation at the Paso Robles Viticulture Technical Group, Paso Robles, California, March 2017.
8. **Dodson Peterson JC, Casassa LF.** "The Effects of Cluster Thinning in Edna Valley Pinot noir." Oral Presentation at Vintage Report Paso Robles, Paso Robles, California, January 2017.
9. **Dodson Peterson JC, Walker MA.** "Grapevine Bud Fruitfulness as a Function of Cordon Position." Oral Presentation at Vintage Report Napa Valley, Napa, California, January 2017.
10. **Dodson Peterson JC.** "The Integration of Phenology Screening into Pest Resistant Rootstock Breeding Programs." Oral Presentation at the University of California Central Coast Extension Conference, San Luis Obispo, California, November 2016.
11. **Dodson Peterson JC, Walker MA.** "Grape Rootstock-Scion Interactions and their Influence on Ripening Periods and the Initiation of Senescence." Oral Presentation at the Central Coast Wine and Viticulture Conference and Tradeshow, Paso Robles, California, March 2015.
12. **Dodson JC, Walker MA.** "Grape Rootstock-Scion Interactions and Influence on Ripening Periods and the Initiation of Senescence." Napa Viticulture Technical Group Field Day, Oakville, California, June 2013
13. **Dodson JC, Walker MA.** "Development of a Leaf Senescence Scale." Napa Viticulture Technical Group Field Day, Oakville, California, June 2012.

## Grants

1. California Grape Rootstock Research Foundation (CGRRF): "Characterization of Commercial Grapevine Rootstocks Gas Exchange Factors and Performance under Moderate Water Stress Conditions." (Lead PI, \$26,601 October 2021)

2. Oregon Wine Board: "Chemical and Sensory Effects of Intrinsic Variations of Berry Size in *Vitis vinifera* L. cultivars Year 2." (Co-PI, \$36,138 August 2021)
3. Howard Hughes Medical Institute Inclusive Excellence 3 Learning Community. "California Polytechnic State University Proposal for Inclusive Excellence 3." (Leadership Team, \$30,000 March 2021)
4. Oregon Wine Board: "Chemical and Sensory Effects of Intrinsic Variations of Berry Size in *Vitis vinifera* L. cultivars." (Co-PI, \$35,238 August 2020)
5. Agriculture Research Institute (ARI): "Effect of Vine Age on Viticultural and Enological Performance Factors." (Co-PI, \$48,203 July 2020)
6. Agriculture Research Institute (ARI): "Stomatal Behavior of Different Grapevine Rootstock Selections Under Grafted and Ungrafted Conditions in Response to Soil Water Status." (Lead PI, \$26,341 July 2020)
7. California State University Program for Education and Research in Biotechnology (CUSPERB) President's Award: "Characterization of Stomatal Response Behavior in Grape Rootstock Selections to Diurnal Shifts in Water Status." (Lead PI, \$8,000 June 2020)
8. Baker-Koob Endowment for Undergraduate Research: "Engineering a Grapevine Pruning Training Tool for use in Educational and Professional Environments." (Co-PI, \$2,500 January 2020)
9. Agriculture Research Institute (ARI): "Deep Learning Techniques to Estimate Vigor on California Crops: Vineyards and Strawberries Case Study." (Co-PI, \$51,111 July 2019)
10. Baker-Koob Endowment for Undergraduate Research: "Effect of Grape Rootstock Parentage on Non-structural Carbohydrates and Establishment Factors." (Lead PI, \$3,595 January 2019)
11. Baker-Koob Endowment for Undergraduate Research: "Effect of Vine Age on Performance of *Vitis vinifera* L. cv. Zinfandel Grapes and Wines in the Edna Valley." (Co-PI, \$3,060 December 2018)
12. Agriculture Research Institute (ARI): "Classification of Grapevine Rootstock First Growth of Green-Growing Benchgrafts during Vineyard Establishment." (Lead PI, \$5,000 July 2018)
13. Agriculture Research Institute (ARI): "Chemical and Sensory Effects of Intrinsic Variations of Berry Size in Selected *Vitis vinifera* L. Red and White Varieties." (Co-PI, \$117,851 July 2018)
14. Agriculture Research Institute (ARI): "The Effect of Crop Reduction Timing and Whole Cluster Addition on Chemical and Sensory Aspects of Cool Climate in cv. Pinot noir Wines." (Co-PI, \$48,000 July 2017)

15. Research, Scholarship, and Creative Activities (RSCA) Grant: "Berry Size and Wine Quality. Chemical and Sensory Effects due to Intrinsic Variations of Berry Size in *Vitis vinifera* L. Cabernet Sauvignon and Zinfandel Grapes." (Co-PI, \$14,855 July 2017)
16. Research, Scholarship, and Creative Activities (RSCA) Grant: "Using Soil Biological Indicators and Foodweb Analysis to Assess the Effects of Sustainable Vineyard Management Practices on Soil Health." (Collaborator, \$14,859 July 2017)
17. Research, Scholarship, and Creative Activities (RSCA) Grant: "Sustainable Wine Industry: Environmental Portfolio under Different Scenarios." (Collaborator, \$13,998 July 2017)
18. Baker-Koob Endowment for Undergraduate Research: "Effect of Co-fermentation of Syrah with Selected White Rhône Varieties on Wine Color Aroma and Phenolic Composition." (Collaborator, \$2,455.24 August 2016)
19. Agriculture Research Institute (ARI): "Characterization of Soil Microbial Communities and Scion Development as Influenced by Sustainable Vineyard Practices." (Co-PI, \$63,480 July 2016)
20. Agriculture Research Institute (ARI): "Berry Size and Wine Quality. Chemical and Sensory Effects due to Intrinsic Variations of Berry Size in *Vitis vinifera* L. Cabernet Sauvignon and Zinfandel grapes." (Collaborator, \$5,000 July 2016)
21. Agriculture Research Institute (ARI): "Bud Fruitfulness and Timing of Budbreak as a Function of Spur Diameter and Position along the Cordon." (Lead PI, \$40,000 July 2015)
22. Center for Applied Biotechnology (CAB) Mini-Grant Program: "Characterization of Soil Microbial Communities and the Influence of Cover Crops in California Central Coast Vineyards." (Co-PI, \$10,000 April 2015)

## UNIVERSITY AND PROFESSIONAL SERVICE

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### Cal Poly University Committee

University Status of Women Committee	2022 – 2024
University Faculty Fellow College Based Fees Initiative	2021 – 2022
ACUE Effective Teaching Credentialing Course Year 2 Facilitator	2021 – Present
BEACoN Mentor	2020
First Year Success Program Coach	2020 – 2022
Graduate Writing Requirement Advisory Board Member	2019 – 2021
Academic Senate Elected Representative for CAFES	2018 – 2022

### Cal Poly College Committee

Faculty Feature AGC 470 Class	2021
College Diversity Equity Inclusion Committee Member	2019 – 2021
Summer Undergraduate Research Symposium Moderator	2019
Summer Undergraduate Research Symposium Mentor	2017 – 2019

Featured Speaker AG 581 Class	2016, 2019
College Curriculum Committee Member, Department Curriculum Chair	2015 – Present
Faculty Advisor to Vines to Wines Student Club	2014 – 2017
Land Use Committee Member	2014 – 2020

### **Department of Wine and Viticulture**

Department Peer Review Committee Chair	2021 – Present
Summer Appointed Department Head Signature	2019
Department Academic Course Scheduler	2018 – Present
Plant Science Operations Manager Search Committee Member	2018 – 2019
Tenure Track Plant Pathology Professor Search Committee Member	2017 – 2018
Department Curriculum Chair	2015 – Present
Department Graduate Studies Committee	2015 – Present
Featured Speaker WVIT 101	2015 – 2018
Department Assessment and Program Review Committee Member	2015 – 2017
Unified Symposium Faculty Representative	2014 – 2019
Vineyard Redevelopment Coordinator	2014 – Present
Faculty Vineyard Liaison and Coordinator	2014 – Present
Scholarship Selection Committee Member	2014 – Present
Tenure Track Viticulture Professor Search Committee Chair	2014 – 2015
12-Month Winemaker and Lecturer Position Search Committee Member	2014 – 2015
Tenure Track Fermentation Science Professor Search Committee Member	2014 – 2015
Wine and Viticulture Department Head Search Committee Member	2014 – 2015

### **Department of Horticulture and Crop Science**

Department Peer Review Committee Member	2021 – Present
Department Newsletter Committee Member	2021 – Present

### **Professional**

Member, Crop Science Society of America Grad. Student Scholarship Committee	2021 – 2022
Member, Soil Science Society of America Graduate Student Committee	2021 – 2022
Reviewer, Applied Sciences Journal	2020 – 2022
Reviewer, CRDF Global Agriculture Science Fellowship	2020
Reviewer, Horticulturae Journal	2020
Reviewer, Agronomy Journal	2020 – Present
Member, American Society of Horticultural Science Endowment Committee	2020 – 2025
Scholarship Awards Committee, American Society for Horticultural Science	2019 – Present
Scholarship Review Committee, Cal Aggie Alumni Association (UC Davis)	2019 – 2020
Moderator, Unified Grape, and Wine Tradeshow (ASEV)	2019
Reviewer, Maryland Industrial Partnerships Program	2019
Member, Soil Science Society of America	2018 – Present
Member, Crop Science Society of America	2017 – Present
Member, American Society for Horticulture Science	2017 – Present
Reviewer, Wine Business Case Research Journal	2016 – Present
Member, American Society of Viticulture and Enology	2011 – Present

**Community**

AgriSkills Presenter, California Agriculture Teachers Association	2019
Member, Cal Poly Women's Club	2014 – Present
Instructor, Red Cross CPR, AED, First Aid for the Professional Rescuer	2013 – 2017
Member, PEO International	2004 – Present