

Olena Sambucci

Agricultural and Resource Economics • UC Davis

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EDUCATION

Ph.D., Agricultural and Resource Economics, University of California, Davis (2015)

Dissertation: “Essays on the Economics of Powdery Mildew Management in the California Grape Industry.” Committee: Travis J. Lybbert, Julian M. Alston and C.-Y. Cynthia Lin Lawell.

Fields: Natural Resource Economics, Econometrics, Agricultural Economics, Development Economics.

M.A., International and Development Economics, University of San Francisco (2005)

Thesis: “Role of Relational Contracts Among Entrepreneurs in Emerging Economies.”

B.A., Business Administration, International Christian University, Kyiv, Ukraine (2001)

RESEARCH INTERESTS

Risk Management, Precision Agriculture, Vineyard Management, Agricultural Pests and Diseases, Technology Adoption, Agricultural Policy, Behavioral Economics, Health

WORKING PAPERS

Sambucci, Olena, and Travis J. Lybbert. “Do Online Pest Management Courses Change Grower Behavior? Powdery Mildew and California Grape Growers.”

Sambucci, Olena, Travis J. Lybbert and Julian M. Alston. “Drones in the Vineyard: An Ex Ante Assessment of An Automatic Powdery Mildew Sprayer for California Grapes.”

Sambucci, Olena, C.-Y. Cynthia Lin Lawell, and Travis J. Lybbert. “Modeling the Spraying Decisions of Grape Growers In Response to Disease Forecasting Information: A Dynamic Structural Approach.”

Sambucci, Olena, Julian M. Alston and Kate B. Fuller “Pecuniary and non-Pecuniary Costs of Powdery Mildew Management: Evidence From California.”

EXPERIENCE

Postdoctoral Scholar, Department of Agricultural and Research Economics, UC Davis

October 2015–present

Precision Vineyard Management: Collecting and Interpreting Spatial Data for Variable Vineyard Management. USDA Specialty Crop Research Initiative (SCRI) Project.

Graduate Student Researcher, Department of Agricultural and Research Economics, UC Davis (2009–2015)

June 2015–September 2015

An Ex Ante Analysis of An Automatic Powdery Mildew Sprayer. Supervisor: Travis Lybbert

February 2015–December 2014

Accelerating Grape Cultivar Improvement via Phenotyping Centers and Next Generation Markers. USDA Specialty Crop Research Initiative (SCRI) Project. Supervisor: Julian Alston

January 2011–December 2012

Powdery Mildew Management Among California Grape Growers. Supervisor: Travis Lybbert

June 2009–September 2010

International Lipid Nutrient Supplement (iLiNS) Project. Supervisor: Travis Lybbert

Other Research Experience

January–May 2005

“SIGMA” Research Center for Development and International Collaboration. Evaluating Gender Impacts and Practices in Bank Land Administration Projects. Supervisor: Elizabeth Katz.

May–August 2004

Kazakstan Institute of Management, Economics and Strategic Research (KIMEP). Field research for the master’s thesis project. Supervisor: Hartmut Fischer.

Teaching Assistant, UC Davis (2007-2012)

Microeconomic Analysis I (ARE 204A) 2012

Agricultural Policy (ARE 120) 2011

Linear Programming (ARE 155) 2009, 2011

Development Economics (ARE 115) 2007, 2008, 2009, 2010

Intermediate Microeconomics (ARE 100B) 2008

PUBLICATIONS AND PRESENTATIONS

Alston, Julian M., Kym Anderson and Olena Sambucci. 2015. “Drifting Towards Bordeaux? The Evolving Varietal Emphasis of U.S. Wine Regions.” *Journal of Wine Economics*. *Forthcoming*.

Fuller, Kate B., Julian M. Alston and Olena Sambucci. 2015. “The Benefits to California From Powdery Mildew Resistant Grape Varieties.” Editorial Article. *Revue des Oenologues*. *In Press*.

Fuller, Kate B., Julian M. Alston and Olena Sambucci. 2014. “The Value of Powdery Mildew Resistance in Grapes: Evidence from California.” *Wine Economics and Policy* 3(2): 90–107.

Fuller, Kate B., Julian M. Alston and Olena Sambucci. 2014. “The Value of Powdery Mildew Resistance in Grapes: Evidence from California.” *Agricultural and Resource Economics Update*, *Giannini Foundation of Agricultural Economics, University of California*. 17(5): 1–4.

Selected Presentations:

Agricultural and Applied Economics Association (AAEA) Annual Meeting. San Francisco, CA. July 26–28, 2015. Selected Poster Presentation.

Australian Agricultural and Resource Economics Society (AARES) Annual Conference. Rotorua, New Zealand. February 10–13, 2015.

Robert Mondavi Center for Wine Economics. Wine Economics Research Mini-Symposium. Davis, CA. October 20, 2014.

American Association of Wine Economists (AAWE) Annual Meeting. Walla Walla, Washington. June 22–25, 2014.

Pests, Germs and Seeds: The Economics of Policies, Programs and Technologies for Managing Agricultural Pests and Diseases. Davis, CA. March 28–29, 2014.

Giannini Agricultural and Resource Economics Student Conference (GARESC). Davis, CA. April 19, 2014.

HONORS AND AWARDS

Jastro-Shields Award 2009-2010, 2010-2011

University Block Grant Fellowship, Spring 2008

Leo T. McCarthy Center for Public Service and the Common Good Research Grant, 2004

USF Department of Economics Academic Merit Scholarship, 2004-2005

USF Department of Economics Research Grant, Spring 2004

REFeree SERVICE

Journal of Wine Economics, World Development Journal

ADDITIONAL INFORMATION

Proficient in STATA, Matlab, Microsoft Office Suite. Some experience in ArcGIS.

Languages: Native Russian, Ukrainian. Fluent English. Basic French.

REFERENCES

Available upon request.