

# Kate Binzen Fuller

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## EDUCATION

- **Ph.D., Agricultural and Resource Economics**  
Dissertation: *The Economics of Pierce's Disease in the California Winegrape Industry*  
Committee: Julian M. Alston, James N. Sanchirico, Jonathan D. Kaplan, and David Zilberman  
The University of California at Davis, Davis CA, March 2012  
Fields: Natural Resource Economics, Econometrics, Agricultural Economics
- **M.S., Agricultural and Resource Economics**  
The University of California at Davis, Davis CA, December 2008
- **B.A. *summa cum laude*, Mathematics, Economics**  
The University of North Carolina at Asheville, Asheville NC, May 2006

## PROFESSIONAL EXPERIENCE

- **Assistant Professor/Extension Specialist.** Department of Agricultural Economics and Economics, Montana State University, Summer 2014-present.
- **Post-doctoral Scholar.** Department of Agricultural and Resource Economics, The University California at Davis, Spring 2012-Spring 2014.
- **Research Assistant.** Department of Agricultural and Resource Economics, The University California at Davis, Fall 2007-Spring 2012.
- **Teaching Assistant.** Department of Agricultural and Resource Economics, The University California at Davis, Fall 2006-Winter 2007.
- **Research Assistant,** Dr. Leah Greden Mathews Department of Economics, The University of North Carolina at Asheville, 2002-2006.
- **National Environmental Modeling and Analysis Center (NEMAC) Student Researcher,** University of North Carolina at Asheville, May 2005-2006.

## HONORS AND AWARDS

- Australian Association of Agricultural and Resource Economics/Applied and Agricultural Economics Association Heading South Award, February 2015, for “The Economic Benefits from Virus-Screening: A Case Study of Grapevine Leafroll in the North Coast of California” (Joint work with Julian Alston and Deborah Golino).
- Organization Internationale de la Vigne et du Vin Prix de OIV, July 2014, for the book *Wine Economics: Quantitative Studies and Empirical Applications*. (Book includes the

chapter “The High and Rising Alcohol Content of Wine,” coauthored with Julian Alston, Kabir Tumber, and George Soleas).

- American Association of Wine Economists Best Paper Award, AAWE Annual Meeting, Bolzano, Italy, June 2011 (Joint work with Julian Alston, Jim Lapsley, and George Soleas, and Kabir Tumber).
- Natural Resource Modeling Graduate Student Prize, Natural Resource Modeling, World Conference on Natural Resource Modeling, Ottawa Canada, June 2011.
- Western Economics Association International Dissertation Workshop Fellowship, Spring 2011.
- Henry A. Jastro Graduate Research Scholarship Award, 2010-2012.
- Agricultural and Applied Economics Association Young Professional and Graduate Student Travel Award, Summer 2010.
- University of North Carolina, Asheville Mathematics Department Special Distinction in Applied Mathematics Award, Spring 2006.
- University of North Carolina, Asheville Economics Department Performance Award, April 2005.

## **LANGUAGES:**

English: Native speaker

Spanish: Limited working proficiency

## **PUBLICATIONS, PRESENTATIONS, AND PAPERS**

### **Publications**

- Fuller, Kate B., Julian M. Alston, and Deborah A. Golino. 2015. “[The Economic Benefits from Virus-Screening: A Case Study of Grapevine Leafroll in the North Coast of California.](#)” *American Journal of Enology and Viticulture*. *In Press*.
- Fuller, Kate B., Julian M. Alston, and Olena S. Sambucci. 2015. “[The Value of Powdery Mildew Resistance in Grapes: Evidence from California.](#)” *Wine Economics and Policy*. *In Press*.
- Alston, Julian M., Kate B. Fuller, Jonathan D. Kaplan, and Kabir P. Tumber. 2015. “[Assessing the Returns to R&D on Perennial Crops: The Costs and Benefits of Pierce’s Disease Research in the California Winegrape Industry.](#)” *The Australian Journal of Agricultural and Resource Economics*. 59(1): 95–115.
- Fuller, Kate B., Julian M. Alston, and Olena S. 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.

- Tumber, Kabir P., Julian M. Alston, and Kate B. Fuller. 2013. "[The Costs of Pierce's Disease in the California Winegrape Industry.](#)" *California Agriculture* 68(1): 20–29.
- Alston, Julian M., Kate B. Fuller, Jonathan D. Kaplan, and Kabir P. Tumber. 2013. "[The Economic Consequences of Pierce's Disease and Related Policy in the California Winegrape Industry.](#)" *Journal of Agricultural and Resource Economics*, 38(2): 269–297.
- Fuller, Kate B., and Julian M. Alston. 2013. "[The Elasticity of Demand for California Winegrapes.](#)" *ARE Update* 16(4): 5-8.
- Fuller, Kate B., David Kling, Kailin Kroetz, Noam Ross, and James S. Sanchirico. 2013. "[Economics and Ecology of Open-Access Fisheries](#)". In: Shogren, J.F., (ed.) *Encyclopedia of Energy, Natural Resource, and Environmental Economics*, Vol. 2, pp. 39-49 Amsterdam: Elsevier.
- Alston, Julian M., Kate B. Fuller, James T. Lapsley, George Soleas, and Kabir P. Tumber. 2013. "[The High and Rising Alcohol Content of Wine.](#)" In *Wine Economics: Quantitative Studies and Empirical Application*. Edited by Eric Giraud-Héraud and Marie-Claude Pichery. Basingstoke, United Kingdom: Palgrave MacMillan.
- Kate B. Fuller and Julian M. Alston. 2012. "[The Demand for California Winegrapes.](#)" *Journal of Wine Economics*. 7(2): 192-212.
- Alston, Julian M., Kate B. Fuller, James T. Lapsley, and George Soleas. 2011. "Too much of a Good Thing?: [Causes and Consequences of Increases in Sugar Content of California Wine Grapes.](#)" *Journal of Wine Economics*. 6(2): 139–159.
- Alston, Julian M., and Kate B. Fuller. 2010. "The Benefits and Costs of Alternative Policies for the Management of Pierce's Disease." *Proceedings of the 2010 Pierce's Disease Symposium*: 275–276. Available from [http://www.cdfa.ca.gov/pdcp/2010\\_Research\\_Proceedings.html](http://www.cdfa.ca.gov/pdcp/2010_Research_Proceedings.html).
- Blank, Steven, Karen Klonsky, Kate B. Fuller, Steve Orloff, and Daniel Putnam. 2009. "[Hay Harvesting Services Respond to Market Trends.](#)" *California Agriculture*. 63(3): 143-148.
- Fuller, Kate B., Mahri Monson, Jennifer Ward, and Leah Greden Mathews, "[Can Nature Drive Economic Growth?](#)" *Review of Agricultural Economics*, 27(4), Fall/Winter 2005.
- Fuller, Kate B. "Measuring the Value of Place: A Case Study of Recent College Graduates." *Duke Journal of Economics*. Special Edition 2005.

## **Research Reports/Working Papers**

- Sambucci, Olena S., Julian M. Alston, and Kate B. Fuller. 2014. "[The Costs of Powdery Mildew Management in Grapes and the Value of Resistant Varieties: Evidence from California](#)" Draft Working Paper. Davis, CA: Robert Mondavi Institute Center for Wine Economics, RMI-CWE#1402.
- Fuller, Kate B., Julian M. Alston, and Olena S. Sambucci. 2014. "[The Value of Powdery Mildew Resistance in Grapes: Evidence from California](#)." Draft Working Paper. Davis, California: Robert Mondavi Institute Center for Wine Economics, RMI-CWE#1401.
- Alston, Julian M., Kate B. Fuller, Jonathan D. Kaplan, and Kabir P. Tumber. 2013. "[The Benefits from Certified Virus-Free Nursery Stock: A Case Study of Grapevine Leafroll-3 in the North Coast Region of California](#)." Draft Working Paper. Davis, California: Robert Mondavi Institute Center For Wine Economics, RMI-CWE#1306.
- Alston, Julian M., Kate B. Fuller, Jonathan D. Kaplan, and Kabir P. Tumber. 2013. "[The Costs and Benefits of Pierce's Disease in the California Winegrape Industry](#)." Draft Working Paper. Davis, California: Robert Mondavi Institute Center For Wine Economics, RMI-CWE#1303.
- Alston, Julian M., Kate B. Fuller, and Kabir P. Tumber. 2012. "[The Costs of Pierce's Disease in the California Winegrape Industry](#)." Draft Working Paper. Davis, California: Robert Mondavi Institute Center For Wine Economics, RMI-CWE#1202.
- Alston, Julian M., Kate B. Fuller, Jonathan D. Kaplan, and Kabir P. Tumber. 2012. "[The Economic Consequences of Pierce's Disease and Related Policy in the California Winegrape Industry](#)." Draft Working Paper. Davis, California: Robert Mondavi Institute Center For Wine Economics, RMI-CWE#1202.
- Alston, Julian M., Kate B. Fuller, James T. Lapsley, George Soleas, and Kabir P. Tumber. 2011. "[Splendide Mendax?: False Label Claims about High and Rising Alcohol Content of Wine](#)." *American Association of Wine Economists Working Paper #82*.
- Elizabeth V. Leonardi, Kate B. Fuller, Jennifer S. James, and Stanley Wood. 2009. *Small and Medium Scale Agriculture in Zambia: A Summary Based on the Rural Incomes and Livelihoods Survey, 2004*. (Working Paper). Prepared for the IFPRI/HarvestChoice Project.

## **Conference Presentations**

- Pests, Germs and Seeds: The Economics of Policies, Programs, and Technologies for Managing Agricultural Pests and Diseases, Davis CA, March 28 – 29, 2014.
- Current Wine and Wine Grape Research Conference, Davis CA, February 21, 2014.
- Foundation Plant Services Annual Meeting, Davis, CA, November 18, 2013

- Agricultural and Applied Economics Association, Washington DC, August 3-6, 2013.
- American Society for Enology and Viticulture, Monterey CA, June 24-28, 2013.
- Western Agricultural Economics Association, Monterey, CA June 26-28, 2013.
- Western Economics Association International, San Francisco, CA, June 29-July 3, 2012.
- Western Agricultural Economics Association, Park City, Utah, June 20-22, 2012.
- American Association of Wine Economists. Princeton, NJ, June 7-10, 2012
- Agricultural and Applied Economics Association, Pittsburgh, PA, July 24-July 26, 2011.
- Western Economics Association International Annual Conference, San Diego, CA, June 28-July 1, 2011.
- World Conference on Natural Resource Modeling, Ottawa, Canada, June 14-17, 2011.
- Agricultural and Applied Economics Association, Denver, CO, July 25-July 27, 2011.
- California Department of Food and Agriculture Pierce's Disease Symposium, San Diego or Sacramento, Each December, 2008-2011.
- American Association of Wine Economists, Davis, CA, June 25–28, 2010

### **Extension Presentations and Teaching**

- Montana State University Extension and Montana Farm Service Agency 2014 Farm Bill “Advanced” Producer Education Meetings. Presented in 5 locations (as part of a 20-location tour) to a total of 180 producers, Farm Service Agency and Extension staff in January of 2015.
- Montana State University Extension Agent Training for the 2014 Farm Bill. Taught a workshop in three locations to a total of 35 Extension Agents.
- Montana State University Extension and Montana Farm Service Agency 2014 Farm Bill Producer Education Meetings. Presented in 20 locations (as part of a 28-location tour across Montana), to over 2000 producers, Farm Service Agency and Extension staff in October and November of 2014.
- Farm and Ranch Recordkeeping Workshop, presented at the Women Stepping Forward for Agriculture Conference to 130 participants, Billings, Montana. September 23-25, 2014.

### **OUTREACH MATERIALS AND PRESS:**

#### Papers:

- Fuller, Kate B., Vince Smith, and George Haynes. 2014. “[New Programs in the 2014 Farm Bill: Price Loss Coverage, Agricultural Risk Coverage and the Supplementary Coverage Options for Montana Farms and Ranches.](#)” Policy Paper. Bozeman, Montana: Agriculture Policy and Marketing Center, Policy Paper #46.

#### Web

- [Montana State University Farm Bill website](http://www.montana.edu/farbill/). 2014-2015. Available from <http://www.montana.edu/farbill/>.

Press Coverage:

- [“The Value of Powdery Mildew Resistance in Grapes: Evidence from California.”](#) 2014. LOCA (The Wines of Lodi, California) Coffee Shop (Blog). (Reblogged by [Lewis Purdue/Wine Industry Insight](#) and [Wine Industry Advisor](#), and featured on the [VitisGen website](#)).
- [“Screening out grapevine virus spares Napa-Sonoma more than \\$60 million.”](#) 2013. University of California, Davis News and Information.
- [“The Economic Benefits from Certified Leafroll-free Grapevine Stock.”](#) 2013. University of California, Davis Foundation Plant Services (Blog).
- [“The Economic Benefits from Certified Leafroll-free Grapevine Stock.”](#) LOCA (The Wines of Lodi, California) Coffee Shop (Blog).
- [“Grapevine Diseases Costs Wine Grape Growers and State.”](#) 2013. California Ag Today (Blog).

**SERVICE:**

Reviewer:

- Australian Journal of Agricultural Resource Economics
- Journal of Wine Economics
- Canadian Journal of Agricultural Economics
- United States Geological Survey Socioeconomic Reports

Other:

- Montana State University Extension Climate Science Working Group: Member, 2014-2015.
- Montana State University Extension Spring Agriculture Agent Update Conference: Planning Committee, 2014-2015.
- University of California, Davis, Department of Agricultural and Resource Economics: Graduate Student Association Vice President, 2007-2008
- University of California, Davis, Department of Agricultural and Resource Economics: Graduate Student Mentor, 2008-2009
- University of California, Davis Agricultural Sustainability Institute: Student Farm Volunteer, 2013

**CERTIFICATES and PROFESSIONAL DEVELOPMENT:**

Certificate in Learner-Centered Teaching, University of California, Davis Center for Excellence in Teaching and Learning, September 2013.