

Wei Zhang

314 Hutcheson Hall
Blacksburg, VA 24061

Cell: 530-219-8472
Email: wzb@vt.edu

PROFESSIONAL POSITIONS

Assistant Professor, Department of Agricultural and Applied Economics, Virginia Tech (2019–present)

Assistant Professor, Department of Economics, Connecticut College (2014–2019)

Visiting Scholar, Department of Agricultural and Resource Economics, University of Connecticut (2018)

Post-doctoral Researcher, University of California Agricultural Issues Center (2013–2014)

EDUCATION

- Ph.D., University of California, Davis** 2013
Department of Agricultural and Resource Economics
Dissertation: Effects of Environmental Policies on the Dairy Industry in California
- M.S., University of Massachusetts, Amherst** 2008
Department of Resource Economics
Thesis: Bankruptcy Risk and the Performance of Incentive-Based Environmental Policies
- B.S., Nankai University, China** 2005
Majors: Economics and Environmental Sciences

PEER-REVIEWED PUBLICATIONS

1. Bovay, John and **Wei Zhang**. A Century of Profligacy? The Measurement and Evolution of Food Waste. Forthcoming, *Agricultural and Resource Economics Review*.
2. **Zhang, Wei**. 2018. Effects of a Local Air Quality Regulation on Dairy Farms in the San Joaquin Valley. *American Journal of Agricultural Economics*, 100(3): 762–785.
3. **Zhang, Wei** and Julian M. Alston. 2018. The Demand for Inputs and Technical Change in the U.S. Dairy Manufacturing Industry. *Agricultural and Resource Economics Review*, 47(3): 533–567.
4. **Zhang, Wei**, C.-Y. Cynthia Lin Lawell, and Victoria I. Umanskaya. 2017. The Effects of License Plate-Based Driving Restrictions on Air Quality: Theory and Empirical Evidence. *Journal of Environmental Economics and Management*, 82: 181–220.
5. **Zhang, Wei** and C.-Y. Cynthia Lin Lawell. 2017. Market Power in Nonrenewable Resource Markets: An Empirical Dynamic Model. *Land Economics*, 93 (1): 74–86.
6. Stranlund, John and **Wei Zhang**. 2009. Bankruptcy Risk, Limited Liability and Imperfectly Enforced Emissions Taxes. *Economics Bulletin*, 29(4): 3134–3146.
7. Stranlund, John and **Wei Zhang**. 2008. Bankruptcy Risk and the Performance of Tradable Permit Markets. *Economics Bulletin*, 17(9): 1–9.

WORKING PAPERS & WORK IN PROGRESS

1. Impacts of Air Pollution on Education and Human Capital: Evidence from Chinese Cities during the Great Recession (*under review*)
2. California's Climate Policy and the Dairy Manufacturing Industry: How Does a Federal Milk Marketing Order Matter? (*under review*)

3. The Influence of the Environmental Quality Incentives Program (EQIP) on Local Water Quality: Evidence from Monitoring Station Level Data, with Pengfei Liu and Yu Wang (*under review*)
4. National Nature Reserves and Rural Communities in China, with Maruge Zhao (*in progress*)

OTHER PUBLICATIONS

1. Lin, C.-Y. Cynthia, **Wei Zhang**, Omid Rouhani, and Lea Prince. 2009. The Implications of An E10 Ethanol-Blend Policy for California. *Agricultural and Resource Economics Update*, 13 (2), 1-4.

GRANTS AND SCHOLARSHIPS

1. Co-PI, "Accounting for Biological Capital in Indexes of Agricultural Inputs and Productivity: Concepts, Measures and Application to Agriculture in California and Minnesota." (\$499,985; \$215,272 for Connecticut College) with Julian M. Alston (PI), USDA-AFRI. April 2018–March 2022.
2. Judith Tindal Opatrny '72 Summer Research Stipend 2016 & 2017, \$4,325 (total).
3. "Agri-environmental Incentives and the Waste Management Practices of Dairy Farms in California", Giannini Foundation Research Mini-Grant (with Daniel A. Sumner), 2013-2014, \$13,500.
4. "California's Air Quality Regulations on Dairies: Multiple Environmental Externalities and Interactions of Regulations", Giannini Foundation Research Mini-Grant (with Julian M. Alston), 2012-2013, \$25,000.
5. Henry A. Jastro Research Scholarship, 2011-2013, \$3,000 (total)
6. "Economic Impacts of California's Greenhouse Gas Cap-and-Trade Program on Dairy Industry", Giannini Foundation Research Mini-Grant (with Julian M. Alston), 2011-2012, \$25,000.
7. Outstanding Undergraduate Scholarship for Top 10% Ranking, Nankai University, 2002-2005.

TEACHING EXPERIENCE

Connecticut College

- ECO/ES 212: Environmental Economics. Fall 2014–2017, Spring 2015
- ECO 230: Econometrics I. Spring 2015–2016, Fall 2016–2017
- ECO 205: Intermediate Microeconomics. Fall 2015
- ECO 404: Seminar in Environmental and Natural Resource Economics, Spring 2016

University of California, Davis

Instructor, Department of Agricultural & Resource Economics, Summer 2012

- ARE 106: Econometric Theory and Applications

Teaching Assistant, Department of Agricultural & Resource Economics

- ARE 240B: Econometric Methods, Spring 2012 (Ph.D. Core Course)
- ARE 106: Econometric Theory and Applications, Summer 2009
- ARE 171B: Financial Management of the Firm, Spring 2009
- ARE 115A: Economic Development, Winter 2009

University of Massachusetts, Amherst

Teaching Assistant, Department of Resource Economics

- RESECON 262: Environmental Economics, Fall 2007
- RESECON 212: Introductory Statistics, Spring 2006
- RESECON 263: Natural Resource Economics, Fall 2005

CONFERENCES, WORKSHOPS, AND SEMINARS

1. **Seminar**, Virginia Tech, Department of Agricultural and Applied Economics, February 2019
2. **Seminar**, University of Connecticut, Department of Agricultural and Resource Economics, October 2018
3. **Selected Presentation**, Northeastern Agricultural and Resource Economics Association (NAREA), 2018 Annual Meeting, Philadelphia, Pennsylvania, June 9-12, 2018
4. **Selected Presentation**, Association of Environmental and Resource Economists (AERE), 5th Annual Summer Conference, Breckenridge, Colorado, June 9-11, 2016
5. CeMENT: Committee on the Status of Women in the Economics Profession of the American Economic Association (CSWEP) Mentoring Workshops, New Orleans, Louisiana, November 19–20, 2015
6. **Selected Presentation**, Agricultural and Applied Economics Association (AAEA), 2015 AAEA & WAEA Joint Annual Meeting, San Francisco, California, July 26–28, 2015
7. **Selected Presentation**, Association of Environmental and Resource Economists (AERE), 4th Annual Summer Conference, San Diego, California, June 3–5, 2015
8. National Bureau of Economic Research, Women in Undergraduate Economics Meeting, Cambridge, Massachusetts, May 2, 2015
9. **Seminar**, University of Illinois Urbana-Champaign, Department of Agricultural and Consumer Economics, January 2014
10. **Seminar**, Kansas State University, Department of Agricultural Economics, November 2013
11. **Selected Presentation**, Occasional California Workshop in Environmental and Resource Economics, Santa Barbara, California, September 12–13, 2013
12. **Selected Presentation**, Agricultural and Applied Economics Association (AAEA), 2013 AAEA & CAES Joint Annual Meeting, Washington, DC, August 4–6, 2013
13. **Selected Presentation**, Association of Environmental and Resource Economists (AERE), 2nd Annual Summer Conference, Asheville, North Carolina, June 3–5, 2012
14. **Selected Presentation**, Western Economic Association International (WEAI), 87th Annual Conference, San Francisco, California, June 29–July 3, 2012
15. University of California Center for Energy and Environmental Economics (UCE³) 1st Annual Summer School, UC Berkeley, August 15–19, 2011
16. **Selected Presentation**, Agricultural and Applied Economics Association (AAEA), 2011 AAEA & NAREA Joint Annual Meeting, Pittsburgh, Pennsylvania, July 24–26, 2011
17. 2nd Annual All-UC Conference in Energy and Environmental Economics, Berkeley, California, June 17, 2011
18. **Selected Presentation**, Association of Environmental and Resource Economists (AERE), Inaugural Summer Conference, Seattle, Washington, June 9–10, 2011
19. 12th Occasional California Workshop on Environmental and Resource Economics, Santa Barbara, California, November 12–13, 2010
20. Fourth World Congress of Environmental and Resource Economists, Montreal, Canada, June 28–July 2, 2010
21. Summer Workshop of the Association of Environmental and Resource Economists (AERE), Berkeley, California, June 21–23, 2008

SELECTED SERVICE

Connecticut College

- Faculty Advisor, Environmental Studies Program (2014–2019)
- Faculty Fellow, Goodwin-Niering Center for the Environment at Connecticut College (2014–2019)
- Search Committee for Assistant Professor, Department of Economics (2017)
- Search Committee for Assistant Professor, Environmental Studies Program (2016)
- Honors Thesis Advisor: Maruge Zhao '17, Allison Rand '16, Niall Williams '16
- Senior Integrative Projects Advisor: Julia Serafin '17, Cian Fields '16, Alyson Cheney '16, Sydney Krisanda '19

Professional Organizations

- Outstanding Masters Thesis Committee, Northeastern Agricultural and Resource Economics Association (NAREA) (2019)

Communities

- Vestry, St. Mark's Chapel, Storrs, CT (2019)

PROFESSIONAL MEMBERSHIPS

- American Economic Association, Member since 2015
- Agricultural and Applied Economics Association, Member since 2006
- Association of Environmental and Resource Economists, Member since 2006