

JISANG YU

Department of Agricultural Economics
Kansas State University
Manhattan, KS 66506
(785)-532-3357
jisangyu@ksu.edu

Education

- 2016 Ph.D. Agricultural and Resource Economics, University of California, Davis
Fields: Agricultural Economics, Development Economics, Econometrics
Dissertation: *Production Response to Crop Insurance*
- 2012 M.S. Agricultural and Resource Economics, University of California, Davis
- 2011 B.A. Agricultural Economics, Seoul National University
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Experience

- 2016 - Assistant Professor, Department of Agricultural Economics,
Kansas State University
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Refereed Journal Articles

- Goodrich, B., **J. Yu**, and M. Vandever. Participation patterns of the rainfall index insurance for pasture, rangeland and forage programme, *forthcoming, The Geneva Papers on Risk and Insurance – Issues and Practice*, <https://doi.org/10.1057/s41288-019-00149-3>
- Yu, J.**, and N. P. Hendricks. Input Use Decisions with Greater Information on Crop Conditions: Implications for Insurance Moral Hazard and the Environment, *forthcoming, American Journal of Agricultural Economics*, <https://doi.org/10.1093/ajae/aaz035>
- Kim, Y., **J. Yu**, and D. L. Pendell. Effects of Crop Insurance on Farm Disinvestment and Exit Decisions, *forthcoming, European Review of Agricultural Economics*, <https://doi.org/10.1093/erae/jbz035>
- Kang, M., B. Schwab, and **J. Yu**. 2020. Gender Differences in the Relationship between Land Ownership and Managerial Rights: Implications for Intrahousehold Farm Labor Allocation, *World Development*, 125: 104669, <https://doi.org/10.1016/j.worlddev.2019.104669>
- Yu, J.**, and G. Goh. 2019. Estimating Non-additive Within-season Temperature Effects on Maize Yields using Bayesian Approaches, *Scientific Reports*, 9: 18566, <https://doi.org/10.1038/s41598-019-55037-6>
- Yu, J.**, M. Vandever, J. D. Volesky, and K. Harmony. 2019. Estimating the Basis Risk of Rainfall Index Insurance for Pasture, Rangeland and Forage, *Journal of Agricultural and Resource Economics*, 44(1): 179-193, <https://doi.org/10.22004/ag.econ.281319>
- Yu, J.**, and D. A. Sumner. 2018. Effects of Subsidized Crop Insurance on Crop Choices, *Agricultural Economics*, 49(4): 535-545, <https://doi.org/10.1111/agec.12434>

Yu, J., A. Smith, and D. A. Sumner. 2018. Effects of Crop Insurance Premium Subsidies on Crop Acreage, *American Journal of Agricultural Economics*, 100(1): 91-114, <https://doi.org/10.1093/ajae/aax058>

Sumner, D. A., and J. Yu. 2014. The Agricultural Act of 2014 and Prospects for the California Milk Pool Quota Market, Special Issue on Dairy Policy in *Journal of Agribusiness* 32(2): 193 - 206

Working Papers

Bayesian Causal Inference with Some Invalid Instrumental Variables, *Under Review* (with Gyuhyeong Goh)

Using Insurance Data to Quantify the Impact of Climate on Yield Risk and its Causes, *Under Review* (with Ed Perry and Jesse Tack)

Bayesian Inference of Synthetic Control Methods, *In Submission* (with Gyuhyeong Goh)

Perceived Awareness of Food Safety Risks, Post-Harvest Practices, and Intertemporal Staple Crop Allocation: Evidence from Maize in Nepal, *In Submission* (with Ralph Armah, and Ben Schwab)

Work in Progress

The Incidence of Foreign Market Accessibility on Farmland Rental Rates (with Nelson B. Vilorio, and Nathan P. Hendricks)

Adverse Selection in Specialty Crop Insurance Markets: Evidence from the CAT Participation (with Hyunok Lee and Daniel A. Sumner)

Other Publications

Sumner, D. A., J. V. Balagtas, and J. Yu. 2016. U.S. Dairy Subsidies Remain Convolutated and Costly, In V. Smith, ed. *The Economic Welfare and Trade Implications of the 2014 Farm Bill*, Emerald Group Publishing, pp 85 - 96

Balagtas, J. V., D. A. Sumner, and J. Yu. 2013. Changes are Coming to U.S. Dairy Policy, *ARE Update*, 16 (6)

Presentations and Conference Papers

The Incidence of Foreign Market Accessibility on Farmland Rental Rates (with Nelson B. Vilorio, and Nathan P. Hendricks) 2019 International Agricultural Trade Research Consortium Annual Meeting, Washington DC, December 8 - 10

Adverse Selection in Specialty Crop Insurance Markets: Evidence from the CAT Participation (with Hyunok Lee and Daniel A. Sumner) Selected Paper 2019 Agricultural & Applied Economics Association Annual Meeting, Atlanta GA, July 21 - 23

Estimating Non-additive Within-season Temperature Effects on Maize Yields using Bayesian Approaches: Implications on the Cost of Federal Crop Insurance Program (with Gyuhyeong Goh): Track Session in 2019 Agricultural & Applied Economics Association Annual Meeting, Atlanta, GA, July 21 - 23; 2019 SCC-76 Annual Meeting, Kansas City, MO, April 4-6

Effects of Crop Insurance on Farm Disinvestment and Exit Decisions (with Youngjune Kim and Dustin L. Pendell): Agricultural Economics Workshop, UC Davis, October 18, 2018; Departmental Seminar, Department of Statistics, Kansas State University

Risk Preferences and the Participation Pattern of Rainfall Index Insurance (with Brittney K. Goodrich and Monte Vandever): Selected Paper 2018 Agricultural & Applied Economics Association Annual Meeting, Washington DC, August 5 - 7

Crop Insurance Moral Hazard from Price and Weather Forecasts (with Nathan P. Hendricks): Selected Paper 2017 Agricultural & Applied Economics Association Annual Meeting, Chicago, IL, July 30-August 1

Estimating Temperature Effects on the Cost of the Federal Crop Insurance Program (with Ed Perry and Jesse Tack): Selected Paper 2017 Agricultural & Applied Economics Association Annual Meeting, Chicago, IL, July 30-August 1

Basis Risk and Effectiveness of Rainfall Index Insurance for Pasture, Rangeland and Forage (with Monte Vandever and Jerry Volesky): 2017 SCC-76 Annual Meeting, Pensacola, FL, March 31 - April 1

The Effects of the Premium Subsidies in the U.S. Federal Crop Insurance Program on Crop Acreage (with Aaron Smith and Daniel A. Sumner): Selected Paper 2016 Agricultural & Applied Economics Association Annual Meeting, Boston, MA, July 31-August 2; Kansas State University; Purdue University; UC Davis

Effects of Subsidized Crop Insurance on Crop Choices: Selected Paper 2015 Agricultural & Applied Economics Association and Western Agricultural Economics Association Annual Meeting, San Francisco, CA, July 26-28.; Giannini Agricultural and Resource Economics Student Conference 2015, Riverside, CA, May 23.

Teaching

AGEC 680 Risk Management (Undergraduate, S2018; S2019; S2020)

AGEC 760 Econometric Analysis (Graduate, S2017; F2017; S2018; F2018; S2019; F2019; S2020)

ECON 890 Applied Econometrics (Graduate, S2017)

Awards, Grants and Fellowships

PI, Economic-focused Research Activities under the Phase II of the Feed the Future Innovation Lab for the Reduction of Post-Harvest Loss (PHLIL), Kansas State University and USAID (\$431,257, co-lead with Benjamin Schwab), January 2019 - December 2021

PI, Drivers of Agricultural Productivity in Bhutan, World Bank (\$10,000), March 2018 - June 2018

Co-PI, Crop Loss Estimation from Hurricanes, USDA Cooperative Agreement, (\$100,000, with Jesse Tack (lead) and Ed Perry (co-PI)), September 2019 - September 2021

Co-PI, Feed the Future Innovation Lab for the Reduction of Post-Harvest Loss Mission Buy-in Mycotoxin Study in Nepal (with Jagger Harvey (PI), and 3 other Co-PIs), USAID, May 2017 - October 2018

Henry A. Jastro Graduate Research Scholarship Award (2015 - 2016)

William Duffy Rice Research Fellowship (Spring 2014)

Service

Referee Service for:

American Journal of Agricultural Economics; Journal of Environmental Economics and Management; Journal of the Association of Environmental and Resource Economists; Agricultural Economics; Journal of Agricultural and Resource Economics; Applied Economic Perspectives and Policy; Canadian Journal of Agricultural Economics; Agricultural Finance Review; Journal of Productivity Analysis; Insurance: Mathematics and Economics; The Geneva Papers on Risk and Insurance - Issues and Practice; Selected papers for 2017, 2018, 2019 Agricultural and Applied Economics Association Annual Meetings

Department

Seminar Committee, 2019 - present.

Nationality and Languages

Republic of Korea, English (fluent), Korean (native), Japanese (basic)

Updated, December 28, 2019