

EDWARD D. PERRY
Curriculum Vitae, July 2022

CONTACT INFORMATION

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Department of Agricultural Economics	Email	edperry@ksu.edu
Kansas State University	Website	http://edwardperry.weebly.com
Manhattan, KS 66506		

EDUCATION

2016 PhD Economics. Iowa State University
Dissertation: *Genetically engineered varieties in the U.S. maize and soybean seed markets: Production impacts, environmental implications, and welfare effects*

2009 MS Applied Economics. Marquette University

2007 BA Economics. St. Norbert College

POSITIONS

2021 – present Associate Professor, Department of Agricultural Economics,
Kansas State University

2016 – 2021 Assistant Professor, Department of Agricultural Economics,
Kansas State University

HONORS AND AWARDS

Quality of Research Discovery Award. Agricultural and Applied Economics Association.
2020

USDA National Needs Fellowship. 2012-2015.

RESEARCH

Refereed Journal Articles

Perry, E.D., D.A. Hennessy, and G. Moschini. 2021. Uncertainty and learning in a technologically dynamic industry: Seed density in U.S.maize. *American Journal of Agricultural Economics*, 1-23. <https://doi.org/10.1111/ajae.12276>

Perry, E.D., J. Yu, and J. Tack. 2020. Using insurance data to quantify the multidimensional impacts of warming temperatures on yield risk. *Nature Communications*, 11, 4542.

Perry, E.D. and G. Moschini. 2020. Neonicotinoids in U.S. maize: Insecticide substitution effects and environmental risk. *Journal of Environmental Economics and Management*, 102, 102320.

Sampson, G.S., E.D. Perry, and M.R. Taylor. 2020. The on-farm and near-farm effects of wind turbines on agricultural land values. *Journal of Agricultural and Resource Economics*, 45(3), 410-427.

Ciliberto, F., G. Moschini, and E.D. Perry. 2019. Valuing product innovation: Genetically engineered varieties in US corn and soybeans. *The RAND Journal of Economics*, 50, 615-644.

—Recipient of the 2020 AAEA Quality of Research Discovery Award

Perry, E.D., D.A. Hennessy, and G. Moschini. 2019. Product concentration and usage: Behavioral effects in the glyphosate market. *Journal of Economic Behavior and Organization*, 158, 543-559.

Sampson, G.S. and E.D. Perry. 2019. Peer effects in the diffusion of water saving agricultural technologies. *Agricultural Economics*, 50, 693-706.

Smart, N., B. Briggeman, J. Tack, and E.D. Perry. 2019. Examining U.S. grain marketing and farm supply cooperatives' sustainable growth rates. *Agribusiness*, 35: 625-638

Sampson, G.S. and E.D. Perry. 2019. The role of peer effects in natural resource appropriation - The case of groundwater. *American Journal of Agricultural Economics*, 101(1), 154-171.

Perry, E.D., F. Ciliberto, D.A. Hennessy, and G. Moschini. 2016. Genetically engineered crops and pesticide use in U.S. maize and soybeans. *Science Advances*, 2(8), e1600850.

—Top 1% of all research outputs ever tracked by Altmetric Attention Score (10/2018)

Perry, E.D., G. Moschini, and D.A. Hennessy. 2016. Testing for complementarity: Glyphosate tolerant soybeans and conservation tillage. *American Journal of Agricultural Economics*, 98(3), 765-784.

Other Publications

Moschini, G., Perry, E.D. and Hennessy, D. 2019. Patent expiration, product concentration, and glyphosate use: A tale of unexpected consequences. *Agricultural Policy Review*, 2, 3.

Working Papers

Innovation and brand inertia in the U.S. seed industry (with Jinjing Luo and GianCarlo Moschini). Resubmitted to the *International Journal of Industrial Organization*.

Premium subsidies and selection in the Federal Crop Insurance Program (with Jisang

Yu). Under review.

Cross-licensing in the U.S. corn and soybean seed industries (with GianCarlo Moschini). In preparation.

The impact of genetically engineered varieties on applied pesticide toxicity in U.S. corn and soybeans (with Seungki Lee and GianCarlo Moschini). In preparation.

The impact of warmer temperatures on planting dates: Evidence from U.S. corn (with John Green). In preparation.

Selected Works in Progress

Demand, pricing, and welfare in U.S. federal crop insurance (with Jisang Yu)

Patent expiration, inertia, and market structure: Evidence from the U.S. glyphosate market (with GianCarlo Moschini)

The welfare impact of neonicotinoids in U.S. corn (with GianCarlo Moschini)

GRANTS

Co-PI, "Crop loss estimation from hurricanes" (with Jesse Tack and Jisang Yu). USDA, \$100,000, 2019 – 2020.

Co-PI, "Genetically-engineered traits, cross-licensing and competition in the U.S. corn and soybean seed industry" (with Federico Ciliberto and GianCarlo Moschini). USDA-NIFA, \$424,642, 2018 – 2021 (K-State: \$65,522).

Co-PI, "Neonicotinoid seed treatments in U.S. agriculture: Production, welfare, and environmental impacts" (with GianCarlo Moschini). USDA-NIFA, \$236,929, 2019 – 2021 (K-State: \$66,336).

SELECTED PRESENTATIONS AND POSTERS

Perry, E.D. and J. Yu. "Demand, Pricing, and Welfare in U.S. Federal Crop Insurance" Track Session Paper, *AAEA Annual Meeting*, Austin, TX. August 1-3, 2021.

Kim, Y., E.D. Perry, and D.L. Pendell. "The Economic Value of Organic Labeling in the Fluid Milk Market" Selected Poster, *AAEA Annual Meeting*, Atlanta, GA. July 21-23, 2019.

Sampson, G.S., E.D. Perry, and M.R. Taylor. "The Effects of Wind Turbines on Agricultural Land Values" Selected Poster, *AAEA Annual Meeting*, Atlanta, GA. July 21-23, 2019.

Perry, E.D., D.A. Hennessy, and G. Moschini. "Planting Rates in U.S. Maize: Improved Varieties and Learning" Selected Paper, *AAEA Annual Meeting*, Washington D.C. August 5-8, 2018.

Perry, E.D., D.A. Hennessy, and G. Moschini. "Planting Rates in U.S. Maize: Improved Varieties and Learning" Selected Paper, *AAEA Annual Meeting*, Washington D.C. August 5-8, 2018.

Perry, E.D. "The Impact of Warmer Temperatures on Planting Dates: Evidence from U.S. Corn" Selected Paper, *AAEA Annual Meeting*, Washington D.C. August 5-8, 2018.

Sampson, G.S. and E.D. Perry. "Peer Effects in the Diffusion of Water Saving Agricultural Technologies" Selected Paper, *AAEA Annual Meeting*, Washington D.C. August 5-8, 2018.

Perry, E.D. and G. Moschini. "Unintended Consequences? Neonicotinoid Restrictions and Insecticide Use in U.S. Maize" Selected Paper, *EAAE Congress*, Parma, Italy. August 29-September 1, 2017.

Perry, E.D., D.A. Hennessy, and G. Moschini. "Product Formulation and Glyphosate Application Rates: Confusion or Rational Behavior?" Selected Paper, *AAEA Annual Meeting*, Chicago, IL. July 30-August 1, 2017.

Perry, E.D., J. Yu, and J. Tack. "Estimating Temperature Effects on the Cost of the Federal Crop Insurance Program" Selected Paper, *AAEA Annual Meeting*, Chicago, IL. July 30-August 1, 2017.

Sampson, G.S. and E.D. Perry. "The Role of Peer Effects in Natural Resource Appropriation - The Case of Groundwater" Selected Paper, *AAEA Annual Meeting*, Chicago, IL. July 30-August 1, 2017.

Perry, E.D., G. Moschini, and D.A. Hennessy. "Testing for Complementarity: Glyphosate Tolerant Soybeans and Conservation Tillage." Selected Poster, *AAEA Annual Meeting*, San Francisco, CA. July 26-28, 2015.

TEACHING EXPERIENCE

Courses Taught

2021 – present AGEC 936 – Quantitative Topics in Agricultural Economics, Kansas State University
2017 – present AGEC 120 – Agricultural Economics & Agribusiness, Kansas State University
 AGEC 770 – International Agribusiness & Policy, Kansas State University
2015 Econ 101 – Principles of Microeconomics, Iowa State University

GRADUATE ADVISING

Major Professor

Michael Eastlack, MAB, in progress.
Tyler Rumbold, MAB, in progress.
John Green, M.S., 2022.

Crystal Dau, MAB, 2021.
Allicia Clark, MAB, 2021.

Committee Member

Travis Matthews, MAB, in progress.
Paul Aseete, Ph.D., 2021.
Kazi Tamim Rahman, Ph.D., 2020.
Youngjune Kim, Ph.D., 2019.
Cassie Schneider, MAB, 2019
Nathan Smart, M.S., 2018

SERVICE

Journal Referee

Journal of the Association of Environmental and Resource Economists; Journal of Development Economics; Journal of Environmental Economics and Management; American Journal of Agricultural Economics; Land Economics; European Review of Agricultural Economics; Food Policy; Journal of Agricultural and Applied Economics; PLOS One; Canadian Journal of Agricultural Economics; Journal of Agricultural and Resource Economics; Weather, Climate, and Society

University Service

2021 – present Prelim Exam Committee
2017 – present FFA Competition Committee, Judge
2017 NACTA Competition Committee, Judge

Professional Memberships

Agricultural and Applied Economics Association; European Association of Agricultural Economists

OUTREACH

Press Interviews

The Salt: NPR, iHeartRadio, Agriculture Today

Media Coverage

Charles, D. "How GMOs Cut The Use of Pesticides – and Perhaps Boosted It Again." *The Salt* (NPR). Online. September 1, 2016. Available at <https://www.npr.org/sections/thesalt/2016/09/01/492091546/how-gmos-cut-the-use-of-pesticides-and-perhaps-boosted-them-again?>

Newman, C. "Largest-Ever Study Reveals Environmental Impact of Genetically Modified Crops." *UVA Today*. Online. September 14, 2016. Available at <https://news.virginia.edu/content/largest-ever-study-reveals-environmental-impact-genetically-modified-crops>

Cook, N. "US may want to take "balanced approach" to neonicotinoids." Online. June 25, 2019. Available at <https://www.card.iastate.edu/news/release/?n=102>

Spicer, S. "Rising temperatures will disproportionately affect Kansas farmers." *The Wichita Eagle*, October 23, 2020. Available at <https://www.kansas.com/news/business/agriculture/article246553793.html>