

**EDWARD D. PERRY**  
Curriculum Vitae, April 2020

**CONTACT INFORMATION**

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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**

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

**RESEARCH**

**Refereed Journal Articles**

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

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*, in press.

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.

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

### **Working Papers**

Using insurance data to quantify the impact of climate on yield risk and its causes (with Jisang Yu and Jesse Tack). Revise and resubmit, *Nature Communications*.

Uncertainty and learning in a technologically dynamic industry: Seed density in U.S. maize (with David A. Hennessy and GianCarlo Moschini). In preparation.

Brand inertia in seed demand: state dependence and heterogeneity (with Jinjing Luo and GianCarlo Moschini). In preparation.

The impact of warmer temperatures on planting dates: Evidence from U.S. corn. 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

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**

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.

### **Committee Member**

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

## **SERVICE**

### **Journal Referee**

*Journal of Environmental Economics and Management; American Journal of Agricultural Economics; Food Policy; Journal of Agricultural and Applied Economics; Canadian Journal of Agricultural Economics; Journal of Agricultural and Resource Economics*

### **University Service**

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>