

XUCHE GONG

568E Heady Hall
Department of Economics
Iowa State University
518 Farm House Lane, Ames, IA 50011

+1 517-802-8120
✉ xcgong@iastate.edu
🌐 <https://sites.google.com/view/xuchegong>

Education

Iowa State University <i>Ph.D., Agricultural Economics</i>	<i>Ames, IA</i> 2019 - expected 2024
Michigan State University <i>M.A., Agricultural Economics</i>	<i>East Lansing, MI</i> 2017 - 2019
Southwestern University of Finance and Economics <i>M.A., Economics</i> <i>B.A., Economics</i>	<i>Chengdu, China</i> 2014 - 2017 2010 - 2014

Fields of Interest

Risk Management, Agricultural Production and Policy, Behavioral Economics, Environmental Economics

Peer-reviewed Journal Publication

Gong, Xuche, David A. Hennessy, and Hongli Feng. 2023. "Systemic Risk, Relative Subsidy Rates, and Area Yield Insurance Choice." *American Journal of Agricultural Economics* 105(3): 888-913.
<https://doi.org/10.1111/ajae.12342>

Working Papers

1. **Gong, Xuche**, David A. Hennessy, and Hongli Feng. "Insure at the Break-even: A Target Income Model of Farmers' Crop Insurance Choices".
2. **Gong, Xuche**, David A. Hennessy, and Hongli Feng. "Basis Risk, Area Yield Insurance, and Technology Adoption".
3. **Gong, Xuche**, Anderson, Michael Castellano, Hongli Feng, and David A. Hennessy. "Insurance as a Policy Tool to Manage Nutrient Runoff from Growers' Split Nitrogen Decisions".

Work in Progress

1. **Gong, Xuche**, David A. Hennessy, and Hongli Feng. "Framing Crop Insurance: Coverage Demand under Proportional Deductible and Absolute Deductible Policies".
2. **Gong, Xuche**, Hongli Feng, David A. Hennessy, Yu Huang, Jennifer Ifft, Michel Regenwetter, and Robert Shupp. "Narrow Framing and Farmers' Crop Insurance Choices".

Teaching Experience

Stand-alone Instructor:

- *Principles of Microeconomics*, 2023 Fall (45 students, ongoing), Iowa State University.

Teaching Assistant:

- *Principles of Microeconomics*, 2019 Fall, 2020 Spring, 2020 Fall, 2021 Spring, Iowa State University.
- *Intermediate Microeconomics*, 2016 Fall, Southwestern University of Finance and Economics.

Grants and Responsibilities

1. "*Crop Insurance Policy Design and Program Participation: Conceptual and Empirical Analyses with Economic and Psychological Decision Paradigms*". USDA-NIFA. 2021-2024. \$500,000. Hongli Feng, **Xuche Gong (Research Assistant)**, David A. Hennessy, Yu Huang, Jennifer Ifft, Michel Regenwetter, and Robert Shupp.

- Designed a survey questionnaire of farmers' crop insurance experiences and views, risk preferences, and crop insurance choices in hypothetical circumstances.
- Carried out the questionnaire on the Qualtrics online survey platform.
- Recruited farmer participants at farmer meetings and other extension meetings, addressed participants' questions and inquiries, and processed incentive payments for participants.
- Cleaned and analyzed the collected data.
- Wrote research papers and extension reports.

2. "*Modelling Growers' Split Nitrogen Decisions and Evaluating the Economic and Environmental Outcomes of PACE and Other Policies*". ISU-CARD. 2022-2024. \$23,400. Hongli Feng, **Xuche Gong (Co-PI)**, Daniel Anderson.

- Designed research questions and wrote the proposal.
- Developed theoretical models of farmers' split nitrogen decisions and the effects of insurance-related policies.
- Ran simulations with weather and agronomy data.
- Wrote research papers and project annual reviews.

Presentations

1. "Insurance as a Policy Tool to Manage Nutrient Runoff from Growers' Split Nitrogen Decisions". (with Daniel Anderson, Michael Castellano, Hongli Feng, and David A. Hennessy)

- *Heartland Workshop, Urbana-Champaign, IL, Oct. 28-29, 2023 (scheduled as a poster presentation)*
- *SWCS Annual Conference, Des Moines, IA, Aug. 6-9, 2023*
- *ASSA Annual Meeting, New Orleans, LA, Jan. 6-8, 2023*

2. "Narrow Framing and Farmers' Crop Insurance Choices". (With Hongli Feng, David A. Hennessy, Yu Huang, Jennifer Ifft, Michel Regenwetter, and Robert Shupp)

- *AAEA Annual Meeting (poster session), Anaheim, CA, July 31-August 2, 2022*

3. "Effects of Area and Index Insurance on Technology Adoption: A Basis Risk Perspective". (With Hongli Feng and David A. Hennessy)

- *AAEA Annual Meeting, Austin, TX, Aug. 1-3, 2021*

4. "Systemic Risk, Geography and Area Insurance". (With Hongli Feng and David A. Hennessy)

- *SCC-76 Annual Meeting, Kansas City, MO, Apr. 4-9, 2019*
- *AAEA Annual Meeting, Washington D.C., Aug. 5-7, 2018*

Referee Services

Agricultural Economics, Journal of Agricultural Economics

Skills

Programming: Stata (Proficient), Excel (Proficient), Qualtrics survey platform (Proficient), Python (working knowledge)

Language: English (fluent), Mandarin (native)

References

Hongli Feng (*Co-major advisor*)

Assistant Professor

Endowed Professor for Excellence in Agricultural Economics

Department of Economics

Iowa State University

hfeng@iastate.edu

515-294-6780

David A. Hennessy (*Co-major advisor*)

Professor of Economics

Cargill Professor of Agricultural Economic Systems

Department of Economics

Iowa State University

hennessy@iastate.edu

515-294-8030

Wendong Zhang

Assistant Professor

Dyson School of Applied Economics and Management

Cornell University

wendongz@cornell.edu

607-254-3231