

## Linlin Fan

Department of Agricultural Economics, Sociology and Education  
The Pennsylvania State University  
208A Armsby Building, State College, PA 16801

lpf5158@psu.edu

### EMPLOYMENT

Assistant Professor Agricultural Economics, Pennsylvania State University 8/2019-present  
Assistant Professor Agricultural Economics, Mississippi State University 8/2018-8/2019

### EDUCATION

University of Illinois at Urbana-Champaign	Ph.D.	2018	Agricultural and Consumer Economics
University of Illinois at Urbana-Champaign	M.S.	2015	Statistics
University of Illinois at Urbana-Champaign	M.S.	2012	Agricultural and Consumer Economics
Renmin University of China	B.S.	2010	Trade Economics

### PUBLICATIONS (students are underscored)

17. Fan L., A. Stevens and Thomas, E. 2022. "Consumer Purchasing Response to Mandatory Genetically Engineered Labeling" *Food Policy*, 110: 102296.
  - AAEA Best Master Thesis Award – Elizabeth Thomas (Advisee)
16. Ellison, B., L. Fan and N. Wilson. 2022. "Is It More Convenient to Waste? Trade-offs Between Grocery Shopping and Waste Behaviors" *Agricultural Economics*, 1-15.
15. Baylis, K., L. Nogueira, L. Fan and K. Pace. 2022. "Something Fishy in Seafood Trade? The Relation between Tariff and Non-Tariff Barriers" *American Journal of Agricultural Economics*, 1-23.
  - AAEA International Section Best Publication Award
14. Fan, L., B. Ellison and N. Wilson. 2021. "What Food Waste Solutions do People Support?" *Journal of Cleaner Production*. 330(129907): 1-13.
13. Canales, E., L. Fan, D. Buys and M. Cantave. 2021. "A Market Basket Assessment: Prices and Availability of Healthy Foods across SNAP-Authorized Food Outlets in Counties with High Obesity Rates in Mississippi" *Preventing Chronic Disease*, 18(E99): 1-10.
12. Han, X., Y. Xu, L. Fan, Y. Huang, M. Xu and S. Gao. 2021. "Quantifying COVID-19 importation risk in a dynamic network of domestic cities and international countries" *Proceedings of the National Academy of Sciences*, 118 (31) e2100201118.
  - 2022 Roy C. Buck Faculty Award
11. Fan, L., C. Gundersen, K. Baylis and M. Saksena. 2021. "The Use of Charitable Food Assistance Among Low-Income Households in the United States" *Journal of the Academy of Nutrition and Dietetics*, 121(1): 27-35.
10. Fan, L., E. Canales, B. Fountain and D. Buys. 2020. "An Assessment of the Food Retail Environment in

- Counties with High Obesity Rates in Mississippi” *Journal of Hunger & Environmental Nutrition*, 1-23.
9. Mullin, G., L. Fan, S. Sulo and J. Partridge. 2019. “The Association between Oral Nutritional Supplements and 30-Day Hospital Readmissions of Malnourished Patients at a US Academic Medical Center” *Journal of the Academy of Nutrition and Dietetics*, 119(7):1168-1175.
  8. Baylis, K., L. Fan and L. Nogueira. 2019. “Agricultural Market Liberalization and Household Food Security in Rural China” *American Journal of Agricultural Economics*, 101(1): 250-269.
    - Fan and Baylis share the first authorship.
  7. Siegel, S., L. Fan, A. Goldman, J. Higgins, S. Goates, J. Partridge. 2019. “Impact of a Nutrition-Focused Quality Improvement Intervention on Hospital Length of Stay” *Journal of Nursing Care Quality*, 34(3): 203-209.
  6. Fan, L., K. Baylis, C. Gundersen and M. Ver Ploeg. 2018. “Does a Nutritious Diet Cost More in Food Deserts?” *Agricultural Economics*, 49(5): 587-597.
  5. Wei, J., L. Fan, Y. Zhang, S. Li, J. Partridge, L. Claytor and S. Sulo. 2018 “Association between Malnutrition and Depression among Community-Dwelling Older Chinese Adults” *Asia Pacific Journal of Public Health*, 30(2): 107-117.
  4. Xu, Y. and L. Fan. 2018. “Diverse Friendship Networks and Heterogeneous Peer Effects on Adolescent Misbehaviors” *Education Economics*, 26(3): 233-252.
  3. Zhang, Y., L. Fan, P. Chai, J. Partridge, L. Claytor, S. Li, S. Goates. 2017 “Analysis on the Impact of Malnutrition on Outpatient and Inpatient Costs among the Elderly in China” *Chinese Health Economics*, 36(12): 91-94.
    - Won 1<sup>st</sup> Place in the 2017 PENZA Paper Competition
  2. Wei, J., L. Fan, Y. Zhang, J. Partridge, L. Claytor, S. Li, S. Sulo. 2017. “The Impact of Malnutrition on Health Outcomes and Healthcare Cost among Chinese Older Adults” *Chinese Journal of Geriatrics*, 36(8): 929-933.
    - Won 4<sup>th</sup> Place in the 2017 PENZA Paper Competition
  1. Graham, J. L. Fan, E. Meadows, L. Hang, J. Partridge, S. Goates. 2017. “Addressing Malnutrition Across the Continuum of Care: Which Patients Are Likely to Receive Oral Nutritional Supplements?” *Journal of Ageing Research and Healthcare*, 1(3): 18-27.

## WORKING PAPERS

1. Feng, J., L. Fan and E. Jaenicke. “The Distributional Impact of SNAP on Dietary Quality” 2<sup>nd</sup> *Revise and Resubmit, Agricultural Economics*
2. Zhao, Y., L. Fan, A. Valdes, N. Wilson and P. Wilde. “Nutrition Objectives and Constraints for Low-Income Americans” *Under Review, Food Policy*
3. Vecchi, M., L. Fan, K.L. Keller, S. Myruski, R.M. Nayga, and W. Yang. “Understanding the Impact of Online Food Advertisements and Emotions on Adolescents’ Food Choices” *Under Review, Canadian Journal of Agricultural Economics*

4. Pan, Y., L. Fan and S. Goetz. “Economic Shocks, Food Insufficiency and Mental Health during the COVID-19 Pandemic” *Under Review, Journal of Agricultural and Applied Economics*
5. Xu, Y., X. Han, Y. Huang, L. Fan, M. Xu and S. Gao. “Seeding Efficient Large-scale Public Health Interventions in Multilayer Diverse Social Networks”
6. Yang, Y. and L. Fan. “How Does the Supplemental Nutrition Assistance Program Affect Household Food Waste?”
7. Martin, E., E. Hallett, L. Fan, B. Ellison, N. Wilson. “Attribution of Blame for Food Waste”
8. Feng, J., L. Fan, E. Jaenicke, C. Gundersen, M. Ver Ploeg and E. Page. “The Use of Social Networks and Charitable Food Assistance Over the SNAP Benefit Month”
9. Fan, L. “The Welfare Impact of Subsidizing Grocery Stores into Food Deserts”
10. Fan, L., E. Zou, J. Feng, and D. Wrenn. “The Impact of Air Pollution on Diet Quality”
11. Pan, Y., L. Fan, S. Goetz and A. Stevens. “The Impact of COVID-19 on Racial Inequality in Diet Quality”

### **WORK IN PROGRESS**

1. Zhao, X., L. Fan and Y. Xu. “Peer Effects in Climate Change Beliefs”
2. Liu, Y., L. Fan, and Y. Zhang. “Information Framing and the Impact of Nutrition Label Serving Size Change”
3. Fan, L. J. Sears, C. Trachtman, M. Sears, S. Villas-Boas, A. Stevens. “Responses to COVID-19 Policies given Hospital Availability”

### **OTHER PUBLICATIONS**

1. Ver Ploeg, M. and L. Fan. 2018. “Variety-Adjusted Food Prices Are Slightly Higher in Census Tracts Where Households Have Limited Access to a Supermarket”. *Amber Waves*.
2. Gundersen, C., K. Baylis, L. Fan, L. House and P. Dutko. 2016. “Construction of Weekly Store-Level Food Basket Costs Documentation”. USDA FoodAPS Documentation.

### **HONORS AND AWARDS**

2023	AAEA International Section Best Publication Award
2022	Roy C. Buck Faculty Awards, College of Agricultural Sciences, Penn State University
2021	AAEA Best Master Thesis Award – Elizabeth Thomas (Advisee)
2018	Outstanding PhD Dissertation Award, Dept. of ACE, University of Illinois
2017	Best Paper Award of Parenteral and Enteral Nutrition Society of Asia (PENSA) Annual Meeting
2012-2015	Henry Fellowship for PhD Students, University of Illinois
2014	Outstanding Second Year Paper Award, Dept. of ACE, University of Illinois
2013	Pass Ph.D. Core Examination with Distinction, Dept. of ACE, University of Illinois
2012	Outstanding Master Thesis Award, Dept. of ACE, University of Illinois

### **GRANTS (Total: \$1,892,581)**

10. USDA Economics Research Services. “Inflation, SNAP Maximum Benefits Increase and Nutrition Equity” 2023. **PI-L.** Fan. Co-PI – A. Stevens. \$50,000

9. USDA, National Institute of Food and Agriculture (NIFA). “Investigating the Roles of Nutrition Information, Nutrition Literacy and the Updated Nutrition Facts Label on Dietary Choices” 2023. PI- Y. Liu, **Co-PI** – L. Fan, E. Jaenicke, M. Vecchi. \$647,144.
8. USDA, Economic Research Services. “Basic Daily Food Allowance Model” 2021. **PI**-L. Fan. Co-PI -M. Bruening \$216,649
7. Pennsylvania State University, Social Science Research Institute (SSRI) “Understanding the Impact of Online Food Advertisements and Emotions on Adolescents’ Food Choices” 2021. PI- M. Vecchi, **Co-PI** - L. Fan, K. Keller, S. Myruski, R. Nayga, W. Yang. \$19,920
6. USDA, Economic Research Services. “COVID-19, SNAP and Racial and Income Inequality in Nutrition” 2021. **PI**-L. Fan, Co-PI – A. Stevens. \$35,000
5. USDA, National Institute of Food and Agriculture (NIFA). “From Scarcity to Prosperity: How Nutrition/Cost Tradeoffs Influence Consumer Choices and the Food System” 2021. PI- P. Wilde, **Co-PI** – L. Fan, S. Folta, N. Wilson. \$499,932.
4. USDA, National Institute of Food and Agriculture (NIFA). “Investigating Mechanisms between Time Scarcity and Healthfulness of Food Choices – Evidence from Scanner Data and Lab Experiments” 2021. PI- E. C. Jaenicke, **Co-PI** – L. Fan, M. Vecchi, Y. Liu. \$423,316
3. USDA, Economic Research Services. “The Food Assistance Programs Participation and Food Choices of Low-Income Households” 2019. **PI** - L. Fan, Co-PI – E. C. Jaenicke, E. Page. \$50,000
2. USDA, Economic Research Services. “The Inter-Relationships between When, Where and What to Buy by SNAP Households” 2019. **PI** - L. Fan, Co-PI- C. Gundersen, E. Page, M. Ver Ploeg. \$50,000
1. University of Illinois, Campus Research Board. “The Effects of Agricultural Commercialization on Household Food Security in Rural China.” **PIs** – K. Baylis, L. Fan and L. Nogueira. 2012. \$13,620.

## **TEACHING AND SUPERVISING**

### Courses Taught

2020-present	EEFE-510 Econometric I (PhD)
2020-present	AGBM-338 Agribusiness in the Global Economy (Undergraduate)
2019	AEC-3213 International Trade for Agriculture (Undergraduate)

### Primary Graduate Supervisor

1. Elizabeth Thomas, MS student, Mississippi State University (MSU), 2018-2020
2. Jinglin Feng, PhD student, Pennsylvania State University (PSU), 2019-2023
3. Yuxuan Pan, PhD student, PSU, 2021-2024 (expected)
4. Yiwen Zhao, PhD student, PSU, 2020-present
5. Xialing Zhao, PhD student, PSU, 2021-present

### Dissertation Committee

6. Pei Zhou, PhD student, PSU, 2019-2023
7. Min-Fang Wei, PhD student, University of Illinois at Urbana-Champaign, 2020-2023
8. Wen Tian, PhD student, PSU, 2022-present

## REFEREE SERVICES

*Agricultural Economics, Applied Economic Perspectives and Policy, American Journal of Agricultural Economics, American Journal of Preventive Medicine, China Agriculture Economic Review, Economies, European Review of Agricultural Economics, Food Policy, Food Quality and Preferences, Forest, International Journal of Environmental Research and Public Health, Journal of Nutrition Education and Behavior, Journal of Nutrition Health and Aging, Nutrients, Resources, Sustainability, Urban Studies*

## OTHER SERVICES

1. Energy, Environmental, and Food Economics (EEFE) graduate program core exam committee, PSU (2019-)
2. Food Economics Informal Seminar Series, PSU (2019-)
3. EEFE graduate admission committee, PSU (2019-)
4. Women Economists' Lunch Series, PSU (2019-)
5. Agribusiness Management (AGBM) Advisory Board, PSU (2021-)
6. Membership committee. Northeastern Agriculture and Resource Economics Association (2021-)
7. Food Safety and Nutrition Section Topic Leaders, AAEA (2021-)
8. Agribusiness Economics and Management Member-at-Large in Research, AAEA (2021-)
9. Board of Directors, Food Distribution Research Society (2022-)

## CONFERENCE AND SEMINAR PRESENTATIONS

1. Fan, L. "The Welfare Impact of Subsidizing Supermarkets into Food Deserts". Invited seminar, **University of Idaho**, fall /2023 (scheduled)
2. Fan, L. "The Welfare Impact of Subsidizing Supermarkets into Food Deserts". Invited seminar, Morrison School of Agribusiness, **Arizona State University**, 04/2023
3. Fan, L. "The Welfare Impact of Subsidizing Supermarkets into Food Deserts". Invited seminar, Department of Agricultural Economics, **Auburn University**, 04/2023
4. Pan, Y., L. Fan and S. Goetz. "Economic Shocks, Food Insufficiency and Mental Health during the COVID-19 Pandemic" **American Economic Association Annual Meeting** 01/2023
5. Fan, L., E. Zou, J. Feng, and D. Wrenn. "The Impact of Air Pollution on Comfort Food Purchases" **AAEA** 08/2022
6. Vecchi, M., L. Fan, K. Keller, S. Myruski, R.M. Nayga. W. Yang. "Understanding the Impact of Online Food Advertisements and Emotions on Adolescents' Food Choices" **AAEA** 08/2022
7. Liu, Y., L. Fan and Y. Zhang "Information Framing and the Impact of Nutrition Label Serving Size Change" **AAEA** 08/2022
8. Zhao, Y. L. Fan, A. Valdes, N. Wilson and P. Wilde. "Nutrition Objectives and Constraints for Low-Income Americans" **NAREA** 06/2022

9. Feng, J., L. Fan, E. Jaenicke. “Investigating Heterogeneity in the Use of Food Coping Strategies During the Supplemental Nutrition Assistance Program Benefit Month” **AAEA** 08/2021
10. Wilde, P., L. Fan, Y. Zhao, E. Martinez, A. V. Valderrama, N. Wilson. “From Scarcity to Prosperity: Nutrition and Food Spending Goals and Constraints for Low-Income Americans” **AAEA** 08/2021
11. Yu, Y. L. Fan. “How Does the Supplemental Nutrition Assistance Program Affect Food Waste?” **AAEA** 08/2021
12. Feng, J., L. Fan, E. Jaenicke. “The Impact of Supplemental Nutrition Assistance Program on Dietary Quality” **AAEA** 07/2020.
13. Fan L., A. Stevens and Thomas, E. “Consumer Purchasing Response to Mandatory Genetically Engineered Labeling” **AAEA** 07/2020
14. Martin, E., E. Hallett, L. Fan, B. Ellison, N. Wilson. “Attribution of Blame for Food Waste” **AAEA** 07/2020
15. Fan L., A. Stevens and Thomas, E. “Consumer Purchasing Response to Mandatory Genetically Engineered Labeling” **SAEA** 02/2019
16. Siegel, S, L. Fan, A. Goldman, J. Higgins, S. Goates, J. Partridge. “The Impact of Nutrition-Focused Quality Improvement Interventions on Length of Stay and Readmission Rates Among Hospitalized Malnourished Patients” The Academy of Nutrition and Dietetics Food and Nutrition Conference & Expo (**FNCE**) 10/2018, The **Academy Health** Annual Research Meeting 06/2018, International Society for Pharmacoeconomics and Outcomes Research Annual Meeting (**ISPOR**) 05/2018.
17. Fan, L. “The Welfare Impact of Subsidizing Grocery Stores into Food Deserts” **AAEA** 08/2018; Penn State University 03/2019; **Rutgers University** 03/2020.
18. Fan, L. “Does Subsidizing Supermarkets to Enter Food Deserts Increase Welfare?” **AAEA** 08/2017
19. Ellison, B., L. Fan, N. Wilson. “Is It More Convenient to Waste?” **AAEA** 08/2018
20. Mullin, G.E., L. Fan, S. Sulo, J. Partridge. “The Association between Oral Nutritional Supplements and 30-Day Hospital Readmissions of Malnourished Patients at a US Academic Medical Center” Digestive Disease Week (**DDW**) 06/2018.
21. Fan, L. “Access to Fruits and Vegetables and Consumer Welfare in Urban Food Deserts.” Agricultural and Applied Economics Association Annual Meeting (**AAEA**) 08/2017; Penn State University 01/2018; Mississippi State University 01/2018.
22. Zhang, Y., L. Fan, P. Chai, J. Partridge, L. Claytor, S. Li, S. Goates. “The Impact of Malnutrition on Outpatient and Inpatient Cost among Older Chinese Adults” Parenteral and Enteral Nutrition Society of

Asia Annual Meeting (**PENSA**) 11/2017, European Society for Parenteral and Enteral Nutrition Annual Meeting (**ESPEN**) 09/2017, International Health Economics Association Annual Meeting (**IHEA**) 07/2017, Chinese Society for Parenteral and Enteral Nutrition Annual Meeting (**CSPEN**) 05/2017, **ISPOR** 05/2017

23. Wei, J., L. Fan, Y. Zhang, J. Partridge, L. Claytor, S. Li, S. Sulo. “The Impact of Malnutrition on Depression among Chinese Older Adults.” **PENSA** 11/2017, **ESPEN** 09/2017, **IHEA** 07/2017, **CSPEN** 05/2017, **ISPOR** 05/2017
24. Wei, J., L. Fan, Y. Zhang, J. Partridge, L. Claytor, S. Li, S. Sulo. “The Impact of Malnutrition on Health Outcomes among Chinese Older Adults.” **PENSA** 11/2017, **ESPEN** 09/2017, **IHEA** 07/2017, **CSPEN** 05/2017, **ISPOR** 05/2017
25. Fan, L., K. Baylis, C. Gundersen and M. Ver Ploeg “Does a Nutritious Diet Cost More in Food Deserts?” Allied Social Sciences Associations Annual Meeting, Chicago (**ASSA**) 01/2017, **USDA ERS Workshop** 04/2016, **AAEA** 08/2015
26. Fan, L., C. Gundersen, M. Hake, K. Baylis, T.D. Dys, and T. Park “The Use of Food Pantries and Soup Kitchens by Low-Income Households” **AAEA** 08/2016
27. Graham, J. L. Fan, E. Meadows, L. Hang, J. Partridge, S. Goates. “Addressing Malnutrition Across the Continuum of Care: Which Patients Are Likely to Receive Oral Nutritional Supplements?” **ISPOR** 05/2016
28. Fan, L., K. Baylis and C. Gundersen. “The Location and Timing of SNAP Purchases”. The 7<sup>th</sup> Midwest Graduate Student Summit: Applied Economics, Regional and Urban Studies (**AERUS**) 04/2014.
29. Fan, L., K. Baylis and L. Nogueira. “Agricultural Market Liberalization and Household Food Security in Rural China.” **AAEA** 08/2013
30. Fan, L., K. Baylis and L. Nogueira. “The Effects of Agricultural Market Liberalization and Commercialization on Household Food Security in Rural China.” Midwest Economics Association Annual Meeting (**MEA**) 03/2012
31. Fan, L., K. Baylis and L. Nogueira. “The Effects of Market Liberalization and Agricultural Commercialization on Household Food Security in Rural China.” International Agricultural Trade Research Consortium Annual Meeting (**IATRC**) 12/2011

Total presentation: 49

## **OTHER INFORMATION**

**Languages:** English (Fluent), Chinese (Native)

**Computer Skills:** Stata, MATLAB, R, SAS, GAMS, ArcGIS and LaTeX