

Di Fang

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EDUCATION

Arizona State University
PhD in Business Administration (Agribusiness)

Tempe, AZ
Dec 2015

Nankai University
BS in Economics

Tianjin, China
2009

PROFESSIONAL EXPERIENCE

University of Arkansas
Assistant Professor

Fayetteville, AR
Nov. 2015-

National Bureau of Economic Research (NBER)
Research Economist

Cambridge, MA
2016-2018

Honors and Awards

Best Paper Award, Canadian Journal of Agricultural Economics, 2019.

James J. Sweitzer Memorial Scholarship, Arizona State University, 2014.

W.P. Carey School of Business Research Fellowship, Arizona State University, 2009

PUBLICATIONS

Research Interests: Health Economics, Food Policy, Agricultural Economics

Refereed

1. **Fang, D**, Fomebelle, P, and Bolton, RN. How Peers' Social Identities and Relationship Characteristics Influence Membership Length, Visits and Donations In Nonprofit Settings. *Journal of Service Research*. Accepted and forthcoming.
2. **Fang, D**, Richards, TJ, Grebitus, C. Modeling Product Choices in a Peer Network: The Case of Fitness Trackers. *Forum for Health Economics and Policy*. In press.
3. Kim, B, Thomsen, MR, Nayga Jr. RM, **Fang, D**, and Goudie A. 2020. Move more, Gain less: Effect of a Recreational Trail System on Childhood BMI. *Contemporary Economic Policy*. 38(2): 270-288.
4. **Fang, D**, Nayga Jr., R, Snell, H, West, G, and Bazzani, C. 2019. Evaluating the New Nutrition and Supplement Facts Label: Evidence From a Non-Hypothetical Choice Experiment. *Journal of Consumer Policy*. 42(4): 545-562.
5. **Fang, D**, Thomsen, MR, Nayga Jr. RM, and Novotny AM. 2019. WIC Participation and Relative Quality of Household Food Purchases: Evidence from FoodAPS. *Southern Economic Journal*. 86(1): 83-105.

6. **Fang, D**, Rhodes R, and Irimata, K. 2019. Modeling Obesity with Time-dependent Covariates Accounting for Feedback: A GMM Logistic Regression Model. *Epidemiology, Biostatistics and Public Health*. 16 (1).
7. Wang, B, Zheng, Y, **Fang, D**, Kamarianakis, Y, and Wilson, J. 2019. Split Cluster Bootstrap Hierarchical Modeling Abuse of Antibiotics in China. *Statistics in Medicine*. 38(12): 2282-2291.
8. **Fang, D**, Thomsen, MR, Nayga Jr, RM, and Goudie, A. 2018. Association of Geographic Spatial Factors in Neighborhoods with Rates of Childhood Obesity. *JAMA Network Open*. 1(4): e180954.
9. **Fang, D**, and Richards, TR. 2018. New Maize Variety Adoption in Mozambique: A Spatial Approach. *Canadian Journal of Agricultural Economics*. 66(3):469-488. **Best Paper Award**
10. **Fang, D**, Sun, R, and Wilson, JR. 2018. Joint Modeling Of Correlated Binary Outcomes: The Case Of Contraceptive Use and HIV Knowledge in Bangladesh. *PLOSOne*. 13(1), Pp.E0190917-E0190917.
11. Chen, DG, **Fang, D**, and Wilson JR. 2017. Meta-Analysis of Two Studies with Random Effects? A perspective. *Journal of Minimally Invasive Gyn*. 5:8.
12. **Fang, D** and Wilson JR. 2017. Does Your Model Really Provide Answers for Your Research Questions? A perspective. *Journal of Minimally Invasive Gyn*. 24:3.
13. Pu, J, **Fang, D**, and Wilson JR. 2017. Impact of Communities, Health, and Emotional-related Factors on Smoking Use: Comparison of Joint Modeling of Mean and Dispersion and Bayes' Hierarchical Models on ADD Health Survey. *BMC Medical Research Methodology* 17(1): 20.
14. **Fang, D**, Chong, J, and Wilson, JR. 2015. Predicted Probabilities' Relationship to Inclusion Probabilities. *American Journal of Public Health*.105(5): 837-839.
15. **Fang, D**, Richards, TJ, and Bradley R. 2015. Optimal Licensing of Agricultural Patents: Fees versus Royalties. *Journal of Agricultural and Resource Economics*. 40: 1-22.
16. Richards, TJ, William, JA, and **Fang D**. 2013. Media Advertising and Ballot Initiatives: The Case of Animal Welfare Regulation. *Contemporary Economic Policy*. 31: 145-162.
17. Chan-Halbrendt C, **Fang, D**, and Yang F. 2009. Trade-off between Shopping Bags Made of Non-Degradable Plastics and Other Materials: The Case of Tianjin, China. *Intl Food and Agribusiness Management Review*. 12(4): 179-197.

Revise and Resubmit

1. **Fang, D.**, Nayga, RM, West, G, Bazzani, C, Yang, W, Lok, B, and Levy C. On the Use of Virtual Reality in Mitigating Hypothetical Bias in Choice Experiments. *American Journal of Agricultural Economics*.

Under Review

1. **Fang, D.**, Liang A, Wilson, JR. Modeling Separate and Simultaneous Response in Hierarchical Model: Applications in Mozambique Survey Data.
2. Kim, B, Thomsen, MR, Nayga, RM, **Fang, D**, and Goudie A. The Impact of Body Mass Index Reporting on Childhood Obesity.
3. Thomsen, MR, Nayga, RM, **Fang, D**, and Goudie A. Impact of Exposure to the Fresh Fruit and Vegetable Program on Children's Body Mass Index.
4. Dornelles, A, **Fang, D**, Wang, Y., and Wilson J. Polytomous Responses by Sequence of Binary Models versus Bayesian Ordinal Multinomial Logistic Regression Model: Mozambique AIDS Survey Outcomes.

In Progress

1. With Henderson C, Thomsen MR, and Nayga, RM. Evaluating the Double Up Food Bucks Program in Arkansas.
2. With Wilson J. Joint Modeling Multiple Memberships in a Bayesian framework.
3. With Rui C. and Hartarska V. On the ACA Dependent Coverage Mandate and Out-of-pocket Health-care Expenditure and Utilization.
4. With Thomsen MR. and Nayga RM. Change of Neighborhood Composition and Childhood BMI in Arkansas School Children

Non-refereed Reports

1. Fang, D, Thomsen, MR, Nayga, RM, and Novotny, AM. 2018. WIC participation and relative quality of household food purchases: Evidence from FoodAPS. *Working Paper 25291, National Bureau of Economic Research.*

PRESENTATIONS

Presenter is underlined.

International

1. Fang, D, Thomsen, M., Nayga, Jr., Rodolfo. 2019. Change of Neighborhood Composition on Children's Weight Status. West Lake Youth Forum. Hangzhou, China. June 10-13.
2. Fang, D., Thomsen, M., Nayga, Jr., Rodolfo. 2019. Peer Effect on Children's Weight Status. Nanjing Forum for Public Health. Nanjing, China. June 14-16.
3. Fang, D, Thomsen, M., Nayga, Jr., Rodolfo, and Novotny A. 2018 WIC Participation and Relative Quality of Household Food Purchases: Evidence from FoodAPS. University of Pretoria, Pretoria, South Africa. July 25-Aug 4.
4. Fang, D, Thomsen, M., Nayga, Jr., Rodolfo. 2018 Influence of Neighborhood and School Peers on BMI. University of Pretoria, Pretoria, South Africa. July 25-Aug 4.
5. Thomsen, M., Nayga, Jr., Rodolfo, Fang, D, Goudie, A. 2018. Impact of Exposure to the Fresh Fruit and Vegetable Program on Children's Body Mass Index. Toulouse School of Economics, Toulouse, France. June 7-9.
6. Fang, D. 2017. Modeling Variety Adoption using Spatial Models Selected presentation at the Spatial Economics Summer School, Jinan University, Guangdong, China. June 17-21.
7. Fang, D, Richards, T.J., and Grebitus C. 2016. Modeling Product Choices in a Peer Network Selected Paper presented at INFORMS Marketing Science Annual Meeting, Shanghai, China, June 16-18.
8. Fang, D, Chan-Halbrecht, C, and Yang, F. 2009 Conjoint Case Study of Shopping Bags alternatives in Tianjin China 19th IFAMA World Forum, Budapest, Hungary, June 20-23.

National and Regional

1. Fang, D, Nayga R., West G., Yang W., and Bazzani C. 2019. On the Use of Virtual Reality in Mitigating Hypothetical Bias in Choice Experiments. Agricultural & Applied Economics Association (AAEA) Annual Meeting, Atlanta, Georgia, July 21- 23.
2. Fang, D, Nayga R., West G., Snell H., and Bazzani C. 2019. Evaluating US's New Nutritional Labels. Agricultural & Applied Economics Association (AAEA) Annual Meeting, Atlanta, Georgia, July 21- 23.

3. Rui C., Fang, D., Hartarska, V. 2019. The Affordable Care Act: Does the ACA Dependent Coverage Mandate Mean Less Out-of-pocket Health Care Expenditure and Health Care Utilization? Agricultural & Applied Economics Association (AAEA) Annual Meeting, Atlanta, Georgia, July 21-23.
4. Fang, D., Nayga R., Thomsen M., and Novotny A. 2017. The Economic Geography of WIC. Final Conference Meetings of National Bureau of Economic Research, Washington D.C., Dec 7-8.
5. Fang, D., Richards, T.J., and Grebitus C. 2017. Modeling Product Choices in a Peer Network. Selected Paper presented at Southern Agricultural Economics Association (SAEA) Annual Meeting, Mobile, Alabama, February 4- February 7.
6. Fang, D., Nayga R., Thomsen M., and Novotny A. 2017. The Economic Geography of WIC Pre-Conference Meetings of National Bureau of Economic Research, Cambridge, Massachusetts, Feb 2-Feb 3.
7. Fang, D., Rhodes, R, and Wilson JR. 2016. GMM Logistic Regression Model for Obesity with Time-Dependent Covariates. Selected Paper to be presented at American Public Health Association Annual Meeting & Expo, Denver, Colorado, Oct 29-Nov 2.
8. Fang, D. and Richards, T.J. 2016. Variety Adoption in Mozambique. Selected Paper presented at Agricultural & Applied Economics Association (AAEA) Annual Meeting, Boston, Massachusetts, July 31- Aug 3.
9. Fang, D., Richards, T.J., and Grebitus C. 2016. Modeling Product Choices in a Peer Network Selected Paper presented at Agricultural & Applied Economics Association (AAEA) Annual Meeting, Boston, Massachusetts, July 31- Aug 3.
10. Rhodes, R, Wilson J, and Fang, D. 2016. GMM Logistic Regression Model for Obesity with Time-Dependent Covariates Add Health User Conference, Bethesda, Maryland, June 20-22.
11. Fang, D., Chong J, and Wilson, JR. 2014. Comparative Predicted Probabilities based on Retrospective Data with Binary Links Joint Statistical Meetings, Boston, Aug 2-7.
12. Fang, D. and Richards, T.J. 2014. New Product Adoption in a Friendship Network using Spatial Lag Model AAEA Annual Meeting, Minneapolis, July 27-29.
13. Fang, D. and Richards, T.J. 2012. Innovation and Patents Pricing Strategies 34th Marketing Science Annual Conference, Boston, USA, June 7-9.
14. Fang, D. and Richards, T.J. 2012. Optimal Patent Strategy: Fees vs. Royalties WAEA Conference, Colorado, June 20-22.

POSTERS

15. Fang, D. 2017. Joint Modeling of Contraceptive Use and HIV in Bangladesh . Selected Poster presented at Agricultural & Applied Economics Association (AAEA) Annual Meeting, Chicago, Illinois July 30- Aug 1.
16. Allender, W., Richards, T.J, and Fang, D. 2011. Media Advertising and Ballot Initiatives: An Experimental Analysis AAEA & NAREA Joint Annual Meeting, Pittsburg, July 24-26.

GRANTS

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1. Evaluation Of Double Up Food Bucks In Arkansas, *University of Arkansas Center for Human Nutrition*, 2017 Arkansas Nutrition, Obesity, and Health Research Pilot Project Grants. **\$50,000** (Awarded April 2018), My Role: principal investigator with M.R. Thomsen and R.M. Nayga, Jr.
 2. The Economic Geography of WIC. *National Bureau of Economic Research (NBER)*, Economics of Food Security, Nutrition, and Health: Insights from FoodAPS Program. **\$77,656** (Awarded March 2016), My Role: principal investigator with M.R. Thomsen and R.M. Nayga, Jr.

TEACHING

Created Food Economics and Health in 2017. Now officially offered as AGECE4603/5603.

- Econometrics I, AGECE 5613 (Graduate Level), University of Arkansas, Department of Agricultural Economics and Agribusiness. Taught in Spring semester regularly.
- Food Economics and Health, AGECE 5603 (Graduate Level), University of Arkansas, Department of Agricultural Economics and Agribusiness. Taught in Spring semester regularly.
- Food Economics and Health, AGECE 4603 (Undergrad Level), University of Arkansas, Department of Agricultural Economics and Agribusiness. Taught in Spring semester regularly.
- Principle of Agricultural Microeconomics, AGECE 1103 (Undergrad Level), University of Arkansas, Department of Agricultural Economics and Agribusiness. Taught in Spring 2016.
- Small Business Accounting and Finance, BUA 381 (Undergrad Level), Arizona State University. Taught in Spring 2013 and Fall 2014.

SERVICE

- Journal referee: *Review of Industrial Organization*; *American Journal of Agricultural Economics*; *PlosOne*; *Nutrients*; *Agribusiness: an International Journal*; *BMJ open*; *International Journal of Environmental Research and Public Health*
- Conference reviewer: AAEA, APHA
- AAEA China Section Treasurer: 2018-2020