

Di Fang

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EDUCATION

Arizona State University PhD in Business Administration (Agribusiness). Advisor: Timothy J. Richards	Tempe, AZ Dec 2015
Nankai University BS in Economics	Tianjin, China 2009

ACADEMIC POSITIONS

University of Arkansas Assistant Professor	Fayetteville, AR Nov. 2015-
Arizona State University Research & Teaching Assistant	Tempe, AZ 2009-2015

Research Interests

Human Health, Statistical Methods in Medicine, and Food Marketing.

PUBLICATIONS

Refereed

1. Wang, B, Zheng, Y, **Fang, D**, Kamarianakis, Y, and Wilson, J. Split Cluster Bootstrap Hierarchical Modeling Abuse of Antibiotics in China. *Statistics in Medicine*. Revision after second submission
2. **Fang, D**, Thomsen, MR, Nayga Jr. RM, and Novotny AM. WIC Participation and Relative Quality of Household Food Purchases: Evidence from FoodAPS. *Southern Economic Journal*. forthcoming.
3. **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.
4. **Fang, D**, and Richards, TR. 2018. New Maize Variety Adoption in Mozambique: A Spatial Approach. *Canadian Journal of Agricultural Economics*. 00:1-20.
5. **Fang, D**, Sun, R, and Wilson, JR. 2018. Joint Modeling Of Correlated Binary Outcomes: The Case Of Contraceptive Use And HIV Knowledge In Bangladesh. *Plos One*. 13(1), Pp.E0190917-E0190917.
6. 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..
7. **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.
8. 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* 17:20.
9. **Fang, D**, Chong, J, and Wilson, JR. 2015. Predicted probabilities' relationship to inclusion probabilities. *American Journal of Public Health*.105(5): 837-839.
10. **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.

11. 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.
12. Chan-Halbrendt C, **Fang, D.**, and Yang F. 2009. Tradeoff between Shopping Bags Made of Non-Degradable Plastics and Other Materials: The Case of Tianjin, China. *International Food and Agribusiness Management Review.* 12(4): 179-197.

Under Review

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 Marketing Research.*
2. **Fang, D.**, Nayga Jr., R, Snell, H, West, G, and Bazzani, C. Evaluating the New Nutrition and Supplement Facts Label: Evidence From a Non-Hypothetical Choice Experiment. *Journal of Consumer Policy.*
3. **Fang, D.**, Richards, TR, Grebitus, C. Modeling Product Choices in a Peer Network: The Case of Fitness Trackers. *Forum of Health Economics and Policy.*
4. **Fang, D.**, Rhodes R, and Irimata, K. Modeling Obesity with time-dependent Covariates Accounting for Feedback: A GMM Logistic Regression Model. *BMC Medical Research Methodology.*
5. Kim, B, Thomsen, MR, Nayga Jr. RM, **Fang, D.**, and Goudie A. Move more, Gain less: Effect of a Recreational Trail System on Childhood BMI. *Economics Inquiry.*
6. Kim, B, Thomsen, MR, Nayga Jr. RM, **Fang, D.**, and Goudie A. The Impact of Body Mass Index Reporting on Childhood Obesity. *Economics of Education Review.*
7. Thomsen, MR, Nayga Jr. RM, **Fang, D.**, and Goudie A. Impact of Exposure to the Fresh Fruit and Vegetable Program on Childrens Body Mass Index. *American Journal of Public Health.*

In Progress

8. With Nayga Jr., R, Snell, H, West, G, and Bazzani, C. Testing Hypothetical Bias in Virtual Reality.
9. With Thomsen M, and Nayga Jr., R. Evaluating the Double Up Food Bucks Program in Arkansas.
10. With Huang Q and Wei Y. The Relationship between Depression and Suicide Ideation and Air Population using ADD Health Survey.
11. With Wilson J. Joint Modeling Multiple Memberships in a Bayesian framework.
12. With Chen D. and Wilson J. Modeling Endogenous Network Externality in Structural Models.
13. With Unveren H. Does Facility Delivery Impact Neonatal Mortality? an Instrument Variable Approach.
14. With Irimata K. Modeling HIV rates in Mozambique using Hierarchical Models.

Non-refereed Reports

1. Fang, D., M.R.Thomsen,Nayga Jr.,R.M,and A.M.Novotny (2018,Novem-ber). 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

2. 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.
3. 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.
4. 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.
5. Fang, D. 2017. Modeling Variety Adoption using Spatial Models Selected presentation at the Spatial Economics Summer School, Jinan, China. June 17-21.

6. Fang, D, Richards, TJ., 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.
7. Fang, D, Chan-Halbrent, 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

8. 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.
9. Fang, D, Richards, TJ., 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.
10. 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.
11. 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.
12. Fang, D and Richards, TJ. 2016. Variety Adoption in Mozambique. Selected Paper presented at Agricultural & Applied Economics Association (AAEA) Annual Meeting, Boston, Massachusetts, July 31- Aug 3.
13. Fang, D, Richards, TJ., 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.
14. 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.
15. 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.
16. Fang, D and Richards, TJ. 2014. New Product Adoption in a Friendship Network using Spatial Lag Model AAEA Annual Meeting, Minneapolis, July 27-29.
17. Fang, D and Richards, TJ. 2012. Innovation and Patents Pricing Strategies 34th Marketing Science Annual Conference, Boston, USA, June 7-9.
18. Fang, D and Richards, TJ. 2012. Optimal Patent Strategy: Fees vs. Royalties WAEA Conference, Colorado, June 20-22.

POSTERS

19. 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.
20. Allender, W, Richards, TJ, 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. 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.
 2. 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.

TEACHING AND ADVISING

Designed and created Food and Health Economics in 2017. It is now officially offered as AGECE4603/5603.

Table 1: Courses taught since initial appointment (list chronologically).

Number	Title	Enrollment	Year	Rating
AGECE5613	Econometrics	9	Spring 2018	4.88/5
AGECE4603/5603	Food Economics and Health	29	Spring 2018	4.38/5
AGECE402V/502V	Special Topics: Food Economics and Health	15	Spring 2017	4.33/5
AGECE5613	Econometrics	7	Spring 2017	4.00/5
AGECE1103H	Prin Agri Microeconomics (Honors)	7	Spring 2016	3.71/5
AGECE1103	Prin Agri Microeconomics	85	Spring 2016	3.45/5

Table 2: List of Advisees

Student Name	Title of Thesis	Awarded	Placement	My Role
PhD				
Amanda Musandiwa*	Meat consumption and climate change in an emerging and developed economy	Dec 2018		external examiner
Master (thesis)				
Colton Henderson	Evaluation of Double Up Food Bucks	May 2020		advisor committee chair
Daniel Gilmur	Willingness to pay for hydroponic lettuce	May 2018	Walmart	co-advisor committee member
Master (non-thesis)				
Taylor Johnson		Dec 2018	interview	advisor
Undergraduate				
Emily King	Developing an e-commerce centered model to alleviate rural food deserts	Dec 2018		committee member
17 students				advisor

* student is at School of Economics, the University of Johannesburg, South Africa.

SERVICE

External

- Reviewer (Grant) - USDA-AFRI-NIFA 2018
- Reviewer (Journal) - Agribusiness: an International Journal; Waste Management
- Reviewer (Conference) - AAEE since 2016; APHA since 2016
- AAEE China Section Treasurer- 2018, 2019

Internal

- University of Arkansas Center of Human Nutrition (CFHN) Advisory Board - since 2017
- Bumpers College undergraduate scholarship committee - 2017, 2018
- Department Instructor hiring committee - 2017,2018
- Department undergraduate curriculum committee - 2017,2018
- Reviewer Honors College SURF grant 2018