

Ying (Jessica) Cao, PhD

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EDUCATION

Ph.D. in Applied Economics and Management, Cornell University, 2012

- Dissertation: *“Three Essays on Judgment, Information Processing and Decision-Making: Evidence from Experiments”*
- Advisers: David R. Just (Co-Chair) and Calum Turvey (Co-Chair)

M.A. in Economics, Tsinghua University, China (*with Distinction*), 2007

B.A. in Economics, Nankai University, China (*with Distinction*), 2005

EMPLOYMENT

Assistant Professor, University of Wisconsin-Madison, August 2020 - Now

Assistant Professor, State University of New York at Buffalo, August 2016-August 2020

Assistant Professor, University of Guelph, July 2012 - August 2016

PROFESSIONAL MEMBERSHIP

Academy Health

American Society of Health Economists (ASHEcon)

International Health Economics Association (iHEA)

Society for Medical Decision Making

RESEARCH INTERESTS

Health Economics

Health Behaviors and Healthcare Decision-Making

Health Services Research

Healthcare Systems and Outcomes Research

HONORS

AAEA IBES Student Paper Competition, First Place, 2012
AAEA Young Professional and Graduate Student Travel Grant, 2010
The Richard D. Aplin Teaching Excellence Fund, 2009-2011
Cornell University Graduate Conference Grant, 2009

PUBLICATIONS

Peer-Reviewed Journal Articles in Public Health (* denotes students of Dr. Cao)

1. Lock, L.J., Channa, R., Brennan, M.B., **Cao, Y.**, Fowlkes, C., and Liu, Y. 2022. "Effect of Health System on the Association of Rurality and Level of Disadvantage with Receipt of Diabetic Eye Screening." *BMJ Open Diabetes Research & Care*. In-press.
2. **Cao, Y.**, Chen*, D., Liu, Y. and Smith, M. 2021. "Disparities in the Use of In-person and Telehealth Primary Care among High- and Low-Risk Medicare Beneficiaries during COVID-19." *Journal of Patient Experience*. 8:1-10. <https://doi.org/10.1177/23743735211065274>
3. **Cao, Y.**, Nie, J., Niewczyk, P., Sisto, S. A., and Noyes, K. 2021. "ACA Medicaid Expansion Improved Access to Care and Health Outcomes of Inpatient Rehabilitation Patients." *BMC Health Services Research*. 21(1): 1-14. PMID: 33743706. doi: <https://doi.org/10.1186/s12913-021-06256-z>
4. Zhu, K., Niu, Z., Freudenheim, J. L., Zhang, Z. F., Lei, L., Homish, G. G., **Cao, Y.**, Zorich, S.C., Yue, Y., Liu, R. and Mu, L. 2021. "COVID-19 Related Symptoms of Anxiety, Depression, and PTSD among US Adults." *Psychiatry research*, 301: 1-4. <https://doi.org/10.1016/j.psychres.2021.113959>
5. Zhu, B., Guo, H., **Cao, Y.**, An, R., and Shi, Y. 2020. "Perceived Importance of Factors in Cannabis Purchase Decisions: A Best-worst Scaling Experiment." *International Journal of Drug Policy*. 91:1-9. <https://doi.org/10.1016/j.drugpo.2020.102793>
6. **Cao, Y.**, Nie, J., Sisto, S. A., Niewczyk, P., and Noyes, K. 2020. "Assessment of Differences in Inpatient Rehabilitation Services for Length of Stay and Health Outcomes Between US Medicare Advantage and Traditional Medicare Beneficiaries." *JAMA Network Open*. 3(3): e201204. doi: [10.1001/jamanetworkopen.2020.1204](https://doi.org/10.1001/jamanetworkopen.2020.1204)
7. Cobian, J., Gonzalez, M., **Cao, Y.**, Xu, H., Li, R., Mendis, M., Noyes, K., and Becerra, A. 2020. "Changes in Health Insurance Coverage over Time by Immigration Status among US Adults: 1992- 2016." *JAMA Network Open*. 3(3): e200731. doi:[10.1001/jamanetworkopen.2020.0731](https://doi.org/10.1001/jamanetworkopen.2020.0731)
8. Shaver*, A., **Cao, Y.**, and Noyes, K. 2020. "General Healthcare Utilization among Non-Elderly Cancer Survivors before and after ACA Implementation, Early Results." *Journal of Oncology Practice*. 16:7 e581-589. <https://ascopubs.org/doi/full/10.1200/JOP.19.00498>

9. **Cao, Y.**, Noyes, K., and Homish, G. 2019. "Life Partner Influence on Uptake of Preventive Services: Evidence from Flu Vaccine Adoption Among the Aging Population." *Journal of Aging and Health*. 32(5-6): 441-452. DOI: <https://doi.org/10.1177/0898264319829979>. PubMed PMID: [30793640](https://pubmed.ncbi.nlm.nih.gov/30793640/).
10. Shi, Y., **Cao, Y.**, Shang, C., and Pacula, R. L. 2019. "The Impacts of Potency, Warning Messages, and Price on Preferences for Cannabis Flower Products." *International Journal of Drug Policy*. 74: 1-10.
11. Kordas, K., Ravenscroft, J., **Cao, Y.**, & McLean, E. 2018. "Lead Exposure in Low and Middle-Income Countries: Perspectives and Lessons on Patterns, Injustices, Economics, and Politics." *International Journal of Environmental Research and Public Health*, 15(11), 2351.
12. Quattrin, T., **Cao, Y.**, Paluch, R., Roemmich, J. N., Ecker, M. A., and Epstein, L. H. 2017. "Cost Effectiveness of Family-based Obesity Treatment." *Pediatrics*, 140(3): 1-10.
13. **Cao, Y.**, Just, D., Turvey, C., and Wansink, B. 2016. "Funky Chicken: Temporary Quality Failures Influence Heave Users the Least." *Journal of Behavioral Health*, 5(1): 17-27.
14. Wansink, B., **Cao, Y.**, Saini, P., Shimizu, M., and Just, D. 2013. "College Cafeteria Snack Food Purchases Become Less Healthy with Each Passing Week of the Semester." *Public Health Nutrition*, 16(7): 1291-1295.

Other Peer-Reviewed Journal Articles in Applied Economics (* denotes students of Dr. Cao)

1. Yin, D., Wang, L., Zhu, Z., Clark, S. S., **Cao, Y.**, Besek, J., and Dai, N. 2021. "Conservation Reserve Program (CRP) Outperforms Entire-Watershed Cropland Change in Elevating Water Quality: Evidence from Remote Sensing." *International Journal of Applied Earth Observation and Geoinformation*. 96:1-9. <https://doi.org/10.1016/j.jag.2020.102272>
2. **Cao, Y.**, Chen*, C., Cranfield, J., and Widowski, T. 2020. "Heterogeneous informational and attitudinal impacts on consumer preferences for eggs from welfare enhanced cage systems." *Food Policy*. 99: 1-10. DOI: <https://doi.org/10.1016/j.foodpol.2020.101979>
3. Agnew*, J., Henson, S., and **Cao, Y.** 2020. "Are Low-Income Consumers Willing to Pay for Fortification of a Commercially Produced Yogurt in Bangladesh?" *Food and Nutrition Bulletin*. 41(1): 102-120. DOI: <https://doi.org/10.1177/0379572119895860>
4. **Cao, Y.**, Weersink, A., & Ferner*, E. 2019. "A Risk Management Tool or an Investment Strategy? Understanding the Unstable Farm Insurance Demand via a Gain-Loss Framework." *Agricultural and Resource Economics Review*. 49(3): 410-436. DOI: <https://doi.org/10.1017/age.2019.15>
5. Zhang, Y., **Cao, Y.**, and Wang, H. 2018. "Cheating? The Case of Producers' Under-Report Behaviors in Hog Insurance in China." *Canadian Journal of Agricultural Economics*, 66(3): 489-510.

6. **Cao, Y.**, Cranfield, J., and Widowski, T. 2018. “Position-Dependent Order Effects on the Prediction of Consumer Preferences in Repeated Choice Experiments.” *Applied Economics*, 50(3): 287-302.
7. Yu*, X, Hailu, G., and **Cao, Y.** 2017. “Risk Attitudes, Social Interactions and Adoption of Genotyping in Dairy Production.” *Canadian Journal of Agricultural Economics*, 65(2): 317-341.
8. **Cao, Y.**, Turvey, C., Ma, J., Kong, R., He, G., and Yan, J. 2016. “Incentive Mechanisms, Loan Decisions and Policy Rationing: A Framed Field Experiment on Rural Credit.” *Agricultural Finance Review*, 76(3): 326-347.
9. **Cao, Y.**, Just, D., Turvey, C., and Wansink, B. 2015. “Existing Food Habits and Recent Choices Lead to Disregard of Food Safety Announcements.” *Canadian Journal of Agricultural Economics*. 63: 491-511.
10. Turvey, C., Xu, X., Kong, R., and **Cao, Y.** 2014. “Attitudinal Asymmetries and the Lender-Borrower Relationship: Survey Results on Farm Lending in Shandong, China.” *Journal of Financial Services Research*, 46(2): 115-135.
11. **Cao, Y.**, and Zhang, Y. 2012. “Hog Insurance Adoption and Suppliers’ Discrimination: A Bivariate Probit Model with Partial Observability.” *China Agricultural Economic Review*, 4(2): 233 - 255.

Conference Proceedings

1. Waclawik, G., Chen*, D., **Cao, Y.**, Chen, G., Gigot, M., Greenlee, R.T., Ford, J.H., and Weiss, J. 2022. “Beyond the rural-urban divide: a closer look at geographic disparities in colorectal cancer screening.” *Gastroenterology*. 2022;162(7): S270.
2. **Cao, Y.**, and Just, D. 2010. “Cognitive Dissonance under Food-Borne Risk: A Lab Experiment.” *Agriculture and Agricultural Science Procedia*, 1: 364–371.

Scientific Reports

1. Chen*, D., **Cao, Y.**, and Smith, M. 2023. “Causal Inference: Effects of Telehealth vs. In-Person Visit in Primary Care on Subsequent Unplanned Hospitalization.” Health Innovation Program (HIP), UW-Madison.
2. Smith, M.A., Vaughan-Sarrazin, M., Yu, M., **Cao, Y.**, Wang, X., Nordby, P., and Jaffery, J. 2022. “Examining the Effectiveness of Case Management Programs on Preventing Hospital Stays in Older Adults with Multiple Chronic Health Problems — A PCORnet® Study.” Health Innovation Program (HIP), UW-Madison.

Book Chapters

1. Just, D., and **Cao, Y.** 2018. “Risk, Overconfidence and Production in a Competitive Market.” in Carol Tremblay (ed.) *Handbook of Behavioral Industrial Organization*, by Edward Elgar Publishing, pp. 138-171.

Papers under Review

1. **Cao, Y.**, Chen*, D., and Smith, M. “Choose to Use Telehealth as Needed: Association of Telehealth and Changes in Unplanned Events During COVID-19 Among Medicare Beneficiaries.”
2. **Cao, Y.**, Wang, Y., Mullahy, J., Burn, M., Liu, Y., and Smith, M. “The Relative Importance of Hospital Discharge and Patient Composition in Changing Post-Acute Care Utilization and Outcomes among Medicare Beneficiaries.”
3. **Cao, Y.**, and Luo*, D. “Post-Acute Care in Inpatient Rehabilitation Facilities between Traditional Medicare and Medicare Advantage Plans.”
4. **Cao, Y.**, Chen*, D., and Smith, M. “Telehealth Improved Care Quality Measures and Reduced Disparities in Chronic Disease Management among the Aging Population.”

PRESENTATIONS

Oral/Podium Presentations

2022

- Lock, L.J., Channa, R., Brennan, M.B., **Cao, Y.**, Smith, M., Fowlkes, C., and Liu, Y. “Analysis of Health System Effect on Diabetic Eye Screening Variability in Rural Versus Urban Underserved Primary Care Clinics.” The Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, Denver, CO, USA. May 2022 (by Yao Liu)
- Waclawik, G., Chen, D., **Cao, Y.**, Chen, G., Gigot, M., Greenlee, R.T., Ford, J.H., and Weiss, J. “Beyond the rural-urban divide: a closer look at geographic disparities in colorectal cancer screening.” Digestive Disease Week (DDW), San Diego, CA, May 2022 (By Jennifer Weiss)

2021

- **Cao, Y.**, Chen, D., Liu, Y. and Smith, M. “Disparities in the Use of In-person and Telehealth Outpatient Visits among Medicare ACO Beneficiaries during COVID-19.” Academy Health Annual Research Meeting (ARM), Virtual. June 2021

2018

- Shi, Y., **Cao, Y.**, and Pacula, R. L. “The Impacts of Potency, Warning Messages, and Price on Preferences for Marijuana Products.” American Society of Health Economists (ASHEcon), Atlanta, GA, USA. June 2018 (by Yuyan Shi)

2017

- **Cao, Y.**, Chen*, C., Cranfield, J., and Widowski, T. “Market Responses to Information Conveying Mixed Messages – Prediction of Informational Impacts on Consumer Willingness to Pay for Eggs from Welfare Enhanced Cage Systems using Discrete Choice Experiments.” AAEA Annual Meeting, Chicago, IL, USA. July 2017
- **Cao, Y.**, Noyes, K., and Homish, G. “Impact Asymmetries among Life Partners in Preventive Health- care Services Utilization: Gender Disparity and Vulnerability in Behavioral Changes among the Ag- ing Population.” 12th World Congress in Health Economics (iHEA 2017), Boston, MA, USA. July 2017

2016

- **Cao, Y.**, and Cranfield, J. “Reference-Dependent Order Effects on the Prediction of Consumer Preferences in Repeated Choice Experiments.” AAEA & WAEA Joint Annual Meeting, Boston, MA, USA. July 2016
- Ferner*, E., **Cao, Y.**, and Weersink, A. “Farm Business Performance and Dis-adoption of Government Business Risk Management Programs: A Survival Analysis.” CAES/WAEA Annual Meeting, Victoria, BC, Canada. June 2016 (by Emma Ferner)

2015

- **Cao, Y.**, and Cranfield, J. “Position-Dependent Order Effects on the Prediction of Consumer Preferences in Repeated Choice Experiments.” Agricultural & Applied Economics Association (AAEA) & WAEA Joint Annual Meeting, San Francisco, CA, USA. July 2015
- Wu, B., Ma, J., and **Cao, Y.** “Performance Incentives, Personal Responsibilities and Loan Officers’ Decision-Making Behaviors.” The Chinese Economists Society (CES) Annual Conference, Chongqing, China. June 2015 (by Benjian Wu)
- **Cao, Y.**, Gathmann, C., Miller, G., Teng, J., and Zhang, S. “Education and Mortality: Evidence from Historical Compulsory Schooling Laws in Canada.” Canadian Economics Association Annual Meeting, Toronto, ON, Canada. May 2015 (by Jennifer Teng)
- **Cao, Y.**, Gathmann, C., Miller, G., Teng, J., and Zhang, S. “Education and Mortality: Evidence from Historical Compulsory Schooling Laws in Canada.” Population Association of America Annual Meeting, San Diego, CA, USA. April 2015 (by Grant Miller)

2014

- **Cao, Y.**, and Turvey, C. “Incentive Mechanisms, Loan Decisions and Policy Rationing: A Framed Field Experiment on Rural Credit.” Agricultural & Applied Economics Association (AAEA) Annual Meeting, Minneapolis, MN, USA. July 2014
- **Cao, Y.** “Choice with Cognitive Dissonance under Food-Borne Risk: Evidence from Experimental Auction.” AAEA/CAES/EAAE Joint Symposium on Social Network, Social Media and the Economics of Food, Montréal, QC, Canada. May 2014
- Yu, X, Hailu, G, and **Cao, Y.** “Risk Attitudes, Social Interactions and the Adoption of Genotyping in Dairy Production.” AAEA/CAES/EAAE Joint Symposium on Social Network, Social Media and the Economics of Food, Montréal, QC, Canada. May 2014 (by Getu Hailu)

2013

- **Cao, Y.** “Calibrating Overconfidence and Quantify it Effects on Risk Management Behaviors.” AAEA & CAES Joint Annual Meeting, Washington, DC, USA, July 2013

2012

- **Cao, Y.**, and Turvey, C. “Incentive Mechanisms, Loan Decisions and Credit Rationing.” SCC-76: Economics and Management of Risk in Agriculture and Natural Resources Annual Meeting, Pensacola, FL, USA. March 2012

2011

- **Cao, Y.**, and Zhang, Y. “Hog Insurance Adoption and Suppliers’ Discrimination: A Bivariate Probit Model with Partial Observability.” SCC-76: Economics and Management of Risk in Agriculture and Natural Resources Annual Meeting, Atlanta, GA, USA. March 2011

2010

- **Cao, Y.**, Just, D., Turvey, C., and Wansink, B. “Confirmatory Biases in Food Safety Risk Judgment under Avian Influenza Outbreak.” AAEA/CAES/WAEA Joint Annual Meeting, Denver, CO, USA. July 2010
- **Cao, Y.** “Familiarity Affects the Existence of Cognitive Dissonance under Food Safety Concerns.” International Conference on Agricultural Risk and Food Security (ARFS), Beijing, China. June 2010
- **Cao, Y.**, and Just, D. “Cognitive Dissonance under Food-Borne Risk: A Lab Experiment.” SCC-76: Economics and Management of Risk in Agriculture and Natural Resources, Destin, FL, USA. March 2010

2009

- Just, D., **Cao, Y.**, and Zilberman, D. “Risk, Overconfidence and Production Decision in a Competitive Market.” AAEA & ACCI Joint Annual Meeting, Milwaukee, WI, USA. July 2009

Poster Presentations

2022

- **Cao, Y.**, Chen*, D., and Smith, M. “Choose to Use Telehealth as Needed: Association of Telehealth and Changes in Unplanned Events During COVID-19 Among Medicare Beneficiaries.” Academy Health, Annual Research Meeting (ARM), Washington D.C., USA. June 2022

2019

- **Cao, Y.**, Nie, J., Niewczyk, P., Sisto, S. A., and Noyes, K. “ACA Medicaid Expansion Improved Access to Care and Health Outcomes of Inpatient Rehabilitation Patients.” Academy Health Annual Research Meeting (ARM), Washington D.C., USA. June 2019
- **Cao, Y.**, Nie, J., Niewczyk, P., Sisto, S. A., and Noyes, K. “ACA Medicaid Expansion Improved Access to Care and Health Outcomes of Inpatient Rehabilitation Patients.” American Society of Health Economists (ASHEcon), Washington D.C., USA. June 2019

2018

- **Cao, Y.** “Initiation and Sustainable Preventative Healthcare Utilization among Aging Couples: Asymmetric Spousal Influences and Behavioral Learning.” American Society of Health Economists (ASHE- con), Atlanta, GA, USA. June 2018

2017

- **Cao, Y.**, Noyes, K., and Homish, G. “Disparities of Life Partner Influence on Preventive-Care Utilization Among the Aging Population.” Academy Health Annual Research Meeting (ARM), Disparity Interest Group (IG), New Orleans, LA, USA. June 2017
- **Cao, Y.**, Chen*, C., Cranfield, J. “Prediction of Mixed Informational Impacts on Consumer Willingness to Pay for Eggs from Welfare Enhanced Cage Systems using Discrete Choice

Experiment.” 7th Annual Canadian Agri-Food Policy Conference, Ottawa, ON, Canada. January 2017 (by Chen Chen)

- **Cao, Y., Sun*, Z., Weersink, A., and Hailu, G.** “What Drives More in Business Performance: Differentiating the Effects of Risk-Aversion and Overconfidence among Agricultural Enterprises.” 7th Annual Canadian Agri-Food Policy Conference, Ottawa, ON, Canada. January 2017 (by Zhenhua Sun)

2016

- Ferner*, E., **Cao, Y.**, and Weersink, A. “Farm Business Performance and Dis-adoption of Government Business Risk Management Programs: A Survival Analysis.” 6th Annual Canadian Agri-Food Policy Conference, Ottawa, ON, Canada. January 2016 (by Emma Ferner)

2014

- Yu, X, Hailu, G, and **Cao, Y.** “What Could Have Saved Angelina Could Also Help Dairy – A Case Study of the Adoption of Dairy Genotyping in Ontario.” European Association of Agricultural Economics (EAAE) Congress, Ljubljana, Slovenia. August 2014 (by Getu Hailu)
- Yu, X, Hailu, G, and **Cao, Y.** “What Could Have Saved Angelina Could Also Help Dairy – A Case Study of the Adoption of Dairy Genotyping in Ontario.” 4th Annual Canadian Agri-Food Policy Conference, Ottawa, ON, Canada. January 2014 (by Xi Yu)

Invited Talks

- **Cao, Y.** “Post-acute Care in Inpatient Rehabilitation Facilities.” University of Wisconsin-Madison, Department of Population Health Sciences Seminar Series. March 2020.
- **Cao, Y., Noyes, K., and Homish, G.** “Life Partner Influence on Uptake of Preventive Services: Evidence from Flu Vaccine Adoption Among the Aging Population.” University at Buffalo, Department of Epidemiology and Environmental Health Seminar Series. December 2018.
- **Cao, Y.** “Health Economics and Decision-Making.” Global Innovation Challenge, COE: Community for Global Health Equity (CGHE), SUNY-Buffalo, Buffalo, NY, USA. May 2017
- **Cao, Y.** “Scarce Resource Allocation: How Do Income Sources and Mental Accounting Shape Intra- Household Decision-making.” Global Health Dialogue, Communities of Excellence (COE): Community for Global Health Equity (CGHE), SUNY-Buffalo, Buffalo, NY, USA. October 2016
- **Cao, Y.** “Economic Research in Health Services Policy and Practice.” Epidemiology and Environmental Health (EEH) Seminar Series, the State University of New York at Buffalo, Buffalo, NY, USA. September 2016
- **Cao, Y.** “Why Are There Health Returns to Education? A Century of Evidence from Canada.” Epidemiology and Environmental Health (EEH) Seminar Series, the State University of New York (SUNY) at Buffalo, Buffalo, NY, USA. October 2015

- **Cao, Y.,** and Turvey, C. “Incentive Mechanisms, Loan Decisions and Policy Rationing: A Framed Field Experiment on Rural Credit.” Southern Ontario Behavioral and Decision Research Annual Meeting, Guelph, ON, Canada. May 2014

GRANTS

1. UW Health Contract. “Accountable Care Organization System Redesign and Improvement.” Since 2021. Co-I (PI: Maureen Smith). \$10,000,000.
2. CDHA: Center for Demography and Health of Aging, UW-Madison A488100 144-4-AAI1567. “Post-acute Care Access and Disparities among ACO Medicare Beneficiaries during the COVID-19 Pandemic.” September 2021 to August 2022. PI. \$45,836.
3. PCORI HSD-1603-35039. “Variation in Case Management Programs and Their Effectiveness in Managing High-risk Patients for Medicare ACOs.” September 2016 to February 2022. Health Economist. (PI: Maureen Smith). \$2,374,034.
4. RENEW: Research and Education in eNergy, Environment and Water, SUNY-Buffalo. “Cultivating Adaptive Capacity: Integrated Longitudinal Modeling of Climate Change and Human Influence on Land Use and Hydrology of the Great Lake.” May 2018 to April 2019. Co-I (PI: Le Wang). \$34,988.
5. NIH National Institute of Drug Abuse (NIDA) R01DA042290. “Neighborhood Physical, Economic, and Socioeconomic Environment in Relation to Marijuana Use and Disorder.” 2017 to 2020. Consultant (PI: Yuyan Shi). \$1,841,934.
6. COE: Community for Global Health Equity (CGHE), SUNY-Buffalo. “Globally Integrated Food Systems, Land Use Change and the Double Burden of Malnutrition among Small Holder Farmers in the Dominican Republic.” May 2017 to April 2018. Co-I (PI: Marion Werner). \$23,000.
7. Social Sciences and Humanities Research Council of Canada, SSHRC Institutional Grant (SIG) - Re- search Grant. #430274: “Effect of Compulsory Schooling Law on Mortality in Canada.” December 2014 to August 2016. PI. \$2,095.
8. Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) - University of Guelph Partnership. #030047: “Government Business Risk Management (BRM) Program Enrollment and the Threshold Effect of Repayment on Farm Business Survival.” July 2014 to June 2017. PI. \$125,000.
9. Beef Farmers of Ontario. #14-01: “Beef Risk Management Program.” September 2014 to September 2015. Co-PI (Co-PI: Alfons Weersink). \$5,000.
10. Social Sciences and Humanities Research Council of Canada, SSHRC Institutional Grant (SIG) - Conference Travel Grant. #071745. July 2014 to September 2014. PI. \$1,100.

TEACHING

- PopHlth795 Introduction to Population Health Sciences (online), Spring 2022-
- PopHlth709 Translational and Clinical Outcomes Research (online), Fall 2021 -
- EEH538 Health Economics, Spring 2018-2020
- EEH536 Health Policy, Fall 2017-2019
- FARE6970 Quantitative Methods for Agricultural Economists, Fall 2014
- FARE4220 Advanced Agricultural Business Management, Winter 2014-2016
- FARE3250 Food, Nutrition and International Development, Fall 2012-2015

REVIEWER

Journal Reviewer (* denotes two or more.)

- Journal of Patient Experience, 2021, 2022
- JAMA Network Open, 2019, 2020*, 2021, 2022
- BMC Health Services Research, 2020*, 2021, 2022
- Health Services and Outcomes Research Methodology, 2019*, 2020*
- BMJ Open, 2016, 2020
- Trends in Food Science and Technology, 2015
- Journal of Agricultural and Resource Economics (JARE), 2015, 2016, 2017
- European Journal of Development Research (EJDR), 2015, 2016
- American Journal of Agricultural Economics (AJAE), 2014
- Critical Reviews in Food Science and Nutrition, 2014, 2015
- European Review of Agricultural Economics (ERAЕ), 2014
- Canadian Journal of Agricultural Economics (CJAE), 2013, 2014, 2015, 2017
- Applied Economics (APE), 2013*, 2014, 2020
- Journal of Agricultural Economics (JAE), 2012
- Journal of Agribusiness in Developing & Emerging Economies (JADEE), 2012, 2013
- China Agricultural Economic Review (CAER), 2011, 2013, 2014, 2015
- China Economic Review (CER), 2011

- Agricultural Finance Review (AFR), 2010, 2013, 2015, 2016
- Agricultural and Resource Economics Review (ARER), 2010*(4), 2011, 2019*, 2020

Grant Reviewer

- Penn State University Clinical and Translational Science Institute (CTSI), Pilot Study Program, 2019
- National Science Foundation (NSF), Economics Panel, 2016
- Ontario Genome Institute, Large-Scale Applied Research Project Competition - Genomics and Feeding the Future, 2015
- Genome Québec, Large-Scale Genome Canada Competition - Genomics and Feeding the Future, 2015
- OMAFRA - U of Guelph Partnership Research Program, Agricultural and Rural Policy Theme, 2014- 2015

Other Review Activities

- American Society of Health Economists (ASHEcon) Annual Meeting, Conference Abstract Reviewer (“Health Equity”, “Consumer Decision Making in Healthcare”, “Long Term Care, Aging and Demography”, and “Demand for and Effect of Health Insurance” themes), 2022
- Academy Health Annual Research Meeting (ARM), Conference Abstract Reviewer (“Addressing Patient and Consumer Preferences and Needs” theme), 2022
- UB EEH Saxon Graham Dissertation Award, Review Committee, 2020
- American Society of Health Economists (ASHEcon) Annual Meeting, Conference Abstract Reviewer (“Decision-Making in Health and Health Care”, “Demand for and Effect of Health Insurance”, “Hospital Reimbursement and Behavior”, and “Obesity” themes), 2019, 2018
- American Public Health Association (APHA) Annual Meeting, Conference Abstract Reviewer (Aging and Public Health; Applied Public Health Statistics), 2017
- Food Distribution Research Society (FDRS), Richardson-Applebaum Memorial Scholarship Award for Outstanding Ph.D. Dissertation, Reviewer, 2015
- Agricultural & Applied Economics Association (AAEA) & WAEA Joint Annual Meeting, Conference Abstract Reviewer, 2015
- AAEA, Institutional and Behavioral Economics Section (IBES), Student Paper Competition, Review Committee, 2013, 2014, 2017
- AAEA & CAES Joint Annual Meeting, Conference Abstract Reviewer, 2013

OTHER SERVICE ACTIVITIES

Service to the Professions

- Organizer: Session: “Government and Private Sector Strategies for Improving the ACA Marketplaces.” with Myerson, R. American Society of Health Economists (ASHEcon) Annual Meeting, Austin, TX, USA. June 2022
- Discussant: Presentation: “State Reinsurance Programs and Marketplace Premiums.” by Hill, S. and Jacobs, P. American Society of Health Economists (ASHEcon) Annual Meeting, Austin, TX, USA. June 2022
- Editorial Board Member: Canadian Journal of Agricultural Economics (CJAE), 2016-
- Treasurer: Agricultural & Applied Economics Association (AAEA), Institutional and Behavioral Economics Section (IBES), 2016-2017, 2017-2018
- Organizer: Experimental Economics Section (EXECON) Track Session: “Using experimental economics to offer insight into ethical and environmental issues.” AAEA Annual Meeting, Boston, MA, USA. July 2016
- Organizer: IBES Track Session: “Advancing Behavioral Methods for Assessing Consumer Demand: Applications to Food Safety and Animal Welfare.” AAEA & WAEA Joint Annual Meeting, San Francisco, CA, USA. July 2015
- Moderator: Selected Presentation Session: “Decision Making Biases and Food Choices.” AAEA & WAEA Joint Annual Meeting, San Francisco, CA, USA. July 2015
- Judge: Earl O. Heady Decision Sciences Spreadsheet Competition. AAEA & WAEA Joint Annual Meeting, San Francisco, CA, USA. July 2015
- Board Member at Large: AAEA, IBES (Institutional and Behavioral Economics Section), 2013-2014
- Organizer: IBES Track Session: “Advancing Behavioral Methods for Assessing Consumer Demand: Applications to Food Safety and Animal Welfare.” AAEA Annual Meeting, Minneapolis, MN, USA. July 2014
- Moderator: Selected Presentation Session: “Decision Making Biases and Food Choices.” AAEA Annual Meeting, Minneapolis, MN, USA. July 2014

Service to the Institute

- UW PHS Graduate Admission Committee
- UW PHS Faculty Senate, 2021, 2022
- UW PHS Qualifier Examination Committee, 2021, 2022
- UB Faculty Senate, 2019-2020
- UB Academic Grievance, 2019-2020

- UB Interprofessional Education (IPE): Interprofessional Forum, Meet Fred Santiago: Improving Care through Interprofessional Collaboration, Faculty Facilitator, Spring 2019
- UB COE: CGHE Global Innovation Challenges (Refugee), Faculty Fellow, 2017, 2018
- UB COE: CGHE Food Equity Ideas Lab Steering Committee, 2016
- UB EEH Work-in-Progress Seminar Organizer, 2017-2018
- UB EEH Recruitment Committee, 2017-2018
- UB EEH Admission Committee, 2016-2017, 2017-2018, 2018-2019, 2019-2020
- UB EEH Division of Health Services Policy & Practice (HSPP) Search Committee, 2016, 2017
- UG FARE Search Committee: Canadian Research Chair (Tier II) in Bioeconomy, Trade and International Development, 2014-2015

PROFESSIONAL ACTIVITIES

Interdisciplinary Engagement

- Participant, UB COE: CGHE Air Quality Ideals Lab, June 2017
- Participant, UB Center for Successful Aging, May 2017
- Participant, UB COE: CGHE Food Equity Ideals Lab, January 2017

Media Coverage

- CCTV-America, Washington DC, USA, Global Business America Show, “China’s Booming Demand of Organic Food.” by Kelly Rice, August 5, 2015
- News 1130 Radio, Vancouver, BC, “Comments on High Prices of Red Meat.” by Alison Bailey, May 8, 2014

Professional Presentation

- "Best Management Practices (BMP) in Canada, An Economic Perspective", National Agricultural Comprehensive Development (CAD) Office, Ministry of Finance, China Delegation, Sep. 2, 2014 (with Brady Deaton)
- “Individual Preference and Production Decision-Making.” Dairy Farmers of Ontario, FARE Research Day, Feb. 19, 2014

Consultation

- “Agri-Business Opportunity for Free-Range Egg Production in Yukon.” Sundog Retreat / The Red Wheat, Winter, 2014

STUDENT AND SCHOLAR SUPERVISION

UW PHS: Department of Population Health Sciences at the University of Wisconsin-Madison.

UB EEH: Department of Epidemiology and Environmental Health at the University at Buffalo.

UG FARE: Department of Food, Agricultural and Resource Economics at the University of Guelph.

Ph.D. – Primary Advising

Initial academic advisor in parentheses at the end.

In-Progress Dian Luo (UW PHS), Thesis: TBA. (Mariétou Ouayogode)

In-Progress Dandi Chen (UW PHS), Thesis: TBA. (Maureen Smith)

Ph.D. - Advisory Committee

Primary advisor in parentheses at the end.

In-Progress Katherine Kicinski (UB Global Gender and Sexuality Studies), Thesis: TBA. (Barbara Wejnert)

2019 Yong Liu (UG FARE Agricultural and Applied Economics), Thesis: “Simulation Methods on Risk Modeling” (Alan Ker)

2015 Peter Slade (UG FARE Behavioral Economics), Thesis: “Essays on Economic Behavior and Interaction” (John Cranfield)

M.Sc. - Primary Advising

2017 Chen Chen (UG FARE), Thesis: “Assessing Informational Impacts on Consumer Willingness to Pay for Eggs from Animal Welfare Enhanced Production Systems using Discrete Choice Experiment.” (Co-Advised with John Cranfield)

2017 Zhenhua (Joshua) Sun (UG FARE), Thesis “What Drives More in Business Performance? Differentiating the Effects of Risk-Aversion and Overconfidence among Agricultural Enterprises.” (Co-Advised with Alfons Weersink) **(M.Sc. Thesis Awards from CAES and NAREA)**

2016 Emma Ferner (UG FARE), Thesis: “Modeling Withdrawal from AgriStability by Ontario Beef Farmers: An Application of Prospect Theory.” (Co-Advised with Alfons Weersink)

2014 Xi Yu (UG FARE), Thesis: “Risk Attitudes, Social Interactions and Adoption of Genotyping Technology in Dairy Production.” (Co-Advised with Getu Hailu)

M.Sc. - Advisory Committee

2017 Nathaniel Whittingham (UG FARE), Thesis: “Measuring Confirmation Bias in Conversations about Agri- culture Biotechnology on Social Networks.” (Andreas Boecker)

- 2017 Anissa Collishaw (UG FARE), Thesis: “Evaluating the effectiveness and sustainability of a market-based food fortification intervention in India.” (Spencer Henson)
- 2017 Lana Pribic (UG FARE), Thesis: “A think-aloud study exploring overcoming confirmation bias when reading about a new agricultural biotechnology product.” (Andreas Boecker)
- 2017 Alison Grant (UG FARE), Thesis: “Spatial Impacts of Aggregated Sites on Resident Property Prices: Evidence from Geographic Information System.” (Brady Deaton)
- 2016 Jessica Agnew (UG FARE), Thesis: “Market Based Solutions for Addressing Nutritional Deficiencies: The Case of Grameen Danone Foods Limited.” (Spencer Henson)
- 2014 Weiguang Wang (UG FARE), Thesis: “Two Essays on Stated Choice Analysis of Consumer Demand for Eggs from Animal Welfare Enhanced Production Systems.” (John Cranfield)
- 2014 Yong Liu (UG FARE), Thesis: “Rating Area-Yield Crop Insurance Contracts Using Bayesian Model Averaging and Mixture Models.” (Alan Ker)

M.P.H. - Primary Advising

- 2019 Meet Prajapati (UB EEH Health Services), Integrated Project (IP): “Trends and Substitutability of Post-acute Care Cost and Utilization at Inpatient Rehabilitation Facilities.”
- 2019 Peter Farruggia (UB EEH Health Services), IP: “HIV & The LGBTQ+ Community: How Laws, Health Policies, Access to Care, and Health Systems Interact to Increase Health Disparities for Already Marginalized Populations.”
- 2019 Danielle Vazquez (UB EEH Health Services), IP: “Evaluating Program Effectiveness: Developing Program Evaluation Metrics for The Flow Project.” (**Best Presentation Award from UB EEH**)
- 2019 Sahil Verma (UB EEH Health Services), IP: “Does Switching Medications Have Positive Impacts on Health Outcomes under Coordinated Care Model?”
- 2019 Quin Roussard (UB EEH Health Services), IP: “The Global Burden of Disease Study Review for Applications to Heart Disease: Insights for Policy Changes in the United States.”
- 2019 Corinne Abrams (UB EEH Environmental Health), IP: “The Challenges of Pregnant Mothers with Opioid Use Disorder: A Qualitative Study.”

M.P.H. - Advisory Committee

- 2017 Elisabeth Brisley (UB EEH Health Services), IP: “Analyzing the Opioid Epidemic: A Comparison of Prescription Monitoring Programs in New York and Florida.” (Katia Noyes)

Thesis Examination - Ph.D. Internal Examiner

2015 Zhige Wu (UG FARE), Thesis: “Price Impacts of Ethanol Production in Ontario.” (Alfons Weersink)

Thesis Examination - M.Sc.

Chair of Examination Committee in parenthesis.

2014 Liam Kelly (UG FARE), Thesis: “An Assessment of Land Tenure Security on Haiti’s Central Plateau: Implications for Farm-Level Investments.” (Brady Deaton)

2014 Jiana Xiong (UG FARE), Thesis: “Analysis of CAIS/AgriStability Program Participation in Ontario.” (Alfons Weersink)

2013 Karthik Nadella (UG FARE), Thesis: “An Examination of the Adoption of Conservation Practices on Owned and Rented Farmland in Ontario and Manitoba.” (Brady Deaton)

2013 Yiqing Lu (UG FARE), Thesis: “Consumer Preferences for Eggs from Enhanced Animal Welfare Production Systems: A Stated Choice Analysis.” (John Cranfield)

Visiting Student

2014 Benjian Wu (UG FARE, Ph.D. in Agricultural Finance), Thesis: “Development of Rural Financial Institution and Convergence of Rural-Urban Income Gap in China.” (Jiujiu Ma, Remin University of China)

Graduate Research Assistant

2015 Nafis Mantasir (UG FARE), Project: “Dietary Diversity, Production Diversity and Sensitivity to Income Sources in Bangladesh.”

2015 Jennifer Teng (UG FARE), Project: “Effect of Historical Compulsory Schooling Law on Mortality in Canada.” (since 2013)

2014 Regan Arntz-Gray (UG FARE), Project: “Order Effects on the Prediction of Repeated Choice Experiments.”

2014 Iftekhul Haque (UG FARE), Project: “Under-Report Behaviors of Hog Producers in China.”

2013 Zili Lai (UG FARE), Project “Incentive Mechanisms, Risk Preferences and Credit Risk Assessments.”

Undergraduate Research Assistant

2016 Chelsea Cross (UG FARE), Project: “Spousal Impacts on Preventative Health Services Utilization”

2015 Marian Kelly (UG FARE), Project: “Dietary Choices, Nutrition and Health Behaviors”

2013 Frederick Tetey (UG FARE), Project: “Overconfidence and Production Decisions”

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