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Associate Professor

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University webpage: <https://brownschool.wustl.edu/Faculty-and-Research/Pages/Ruopeng-An.aspx>

Google Scholar: <https://scholar.google.com/citations?user=uQxj230AAAAJ&hl=en>

EDUCATION

2008-2013 Ph.D. in Policy Analysis, Pardee RAND Graduate School, Santa Monica, CA, USA
2005-2006 Master of Public Policy, National Graduate Institute for Policy Studies, Tokyo, Japan
1998-2002 B.A. in Political Science & Public Administration, Peking University, Beijing, China

RESEARCH INTERESTS

- My research examines environmental influences and population-level interventions on weight-related behaviors and outcomes throughout the life course
- In particular, my research assesses socioeconomic determinants and policies that impact individuals' dietary behavior, physical activity, sedentary lifestyle, and adiposity in children, adults of all ages, and people with disabilities
- My research aims to develop a well-rounded knowledge base and policy recommendations under the social-ecological framework that can inform decision-making and social resource allocation in combating the obesity epidemic

TEACHING & METHODOLOGICAL INTERESTS

- Applied artificial intelligence (i.e., machine learning and neural networks or deep learning)
- Quantitative policy analysis (e.g., causal inference, cost-benefit analysis, cost-effectiveness analysis, microsimulation)
- Applied econometrics, regression analysis, and biostatistics
- Systematic review and meta-analysis

ACADEMIC APPOINTMENTS

09/01/2021-Present Faculty Lead in Public Health Sciences, Brown School, Washington University in St. Louis
03/05/2021-Present Associate Professor with Tenure, Brown School, Washington University in St. Louis
11/01/2020-Present Adjunct Faculty, Division of Data and Computational Sciences, Washington University in St. Louis
07/01/2019-03/04/2021 Tenure-track Assistant Professor, Brown School, Washington University in St. Louis
05/07/2019-06/30/2019 Associate Professor with Tenure, Department of Kinesiology and Community Health, University of Illinois at Urbana-Champaign
08/16/2013-05/06/2019 Tenure-track Assistant Professor, Department of Kinesiology and Community Health, University of Illinois at Urbana-Champaign
01/01/2015-06/30/2019 Adjunct Faculty, Division of Nutritional Sciences, University of Illinois at Urbana-Champaign

HONORS & AWARDS

2023 Fellow, American Academy of Health Behavior
2023 China Health Policy and Management Society (CHPAMS) Annual Conference Travel Award
2022 21st Century Health Education Practice Scholar, Society for Public Health Education (SOPHE)
2021 Listed in Stanford University's World's Top 2% Scientists
2020 Arlene Stiffman Outstanding Junior Faculty Award, Brown School, Washington University in St. Louis
2018 Fellow, American College of Epidemiology
2015-2019 List of Teachers Ranked as Excellent by Their Students, University of Illinois
2015 Judy K. Black Early Career Research Award, American Academy of Health Behavior
2014 Glenn A. Gotz Award in Economics Analysis, RAND Corporation & Pardee RAND Graduate School
2009, 2011 RAND Impact Award, RAND Corporation
2006 Dean's Award for Distinguished Academic Performance, National Graduate Institute for Policy Studies
2006 Best Thesis of the Year, National Graduate Institute for Policy Studies

REFEREED JOURNAL PUBLICATIONS

Publication Statistics:

- Total number of peer-reviewed journal publications: 202
- Number of SCI/SSCI-indexed journal publications: 176
- Total impact factor of publications: 765
- Total number of citations based on Google Scholar: 7,961
- h-index based on Google Scholar: 51
- i10-index based on Google Scholar: 124

202. **An R**, Wang X. Artificial intelligence applications to public health nutrition. *Nutrients*. 2023. Accepted.
201. An L, **An R**. Adults' attitudes toward non-alcoholic beer purchases and consumption by children and adolescents. *Journal of Emerging Investigators*. 2023. Accepted.
200. **An R**, Yang Y, Yang F, Wang S. Use prompt to differentiate text generated by ChatGPT and humans. *Machine Learning with Applications*. 2023; 14: 100497. <https://doi.org/10.1016/j.mlwa.2023.100497>
199. Shen J, Wang J, Yang F, **An R**. Impact of soda tax on beverage price, sale, purchase, and consumption in the US: a systematic review and meta-analysis of natural experiments. *Frontiers in Public Health*. 2023; 11. <https://doi.org/10.3389/fpubh.2023.1126569>
198. **An R**, Shen J, Wang J, Yang Y. A scoping review of methodologies for applying artificial intelligence to physical activity interventions. *Journal of Sport and Health Science*. 2023. In press.
197. **An R**, Wang S. Assessing the longitudinal relationship between whole egg consumption and cognition in Chinese older adults. *Nutrition and Health*. 2023. doi: 10.1177/02601060231186648.
196. **An R**, Chen C. Healthy diet promotion through evidence-informed policies. *Nutrients*. 2023; 15(11): 2514.
195. **An R**, Batcheller Q, Wang J, Yang Y. Build neural network models to identify and correct news headlines exaggerating obesity-related scientific findings. *Journal of Data and Information Science*. 2023; 8(3): 88-97.
194. **An R**, Ji M. Build machine learning models to correct self-reported anthropometric measures and estimate obesity prevalence in US adults. *Journal of Public Health Management and Practice*. 2023; 29(5): 671-674.
193. An L, Zhu R, **An R**. Build deep neural networks to detect candy from photos and estimate nutrient portfolio. *Journal of Human Nutrition and Dietetics*. *Journal of Emerging Investigators*. 2023. Accepted.
192. **An R**, Yang Y (equal contribution), Batcheller Q, Zhou Q. Sentiment analysis of tweets on soda taxes. *Journal of Public Health Management and Practice*. 2023; 29(5): 633-639.
191. **An R**, Shen J (equal contribution), Xiao Y. Applications of artificial intelligence to obesity research: a scoping review of methodologies. *Journal of Medical Internet Research*. 2023. Accepted.
190. **An R**, Byron C, Chen C, Xiang X. Field test of popular chatbots' responses to questions concerning negative body image. *Health Behavior Research*. 2023; 6(1). <https://doi.org/10.4148/2572-1836.1164>.
189. **An R**, Perez-Cruet J, Wang J. We got nuts! use deep neural networks to classify images of common edible nuts. *Nutrition and Health*. 2022. doi: 10.1177/02601060221113928.
188. **An R**, Li D, Xiang X. Choline intake and cognitive function among U.S. older adults. *Journal of Nutrition in Gerontology and Geriatrics*. Accepted.
187. Yang H, Shen J, **An R**. Impact of economic growth on physical activity and sedentary behaviors a systematic review. *Public Health*. Accepted.
186. Polavarapu M, Klonoff-Cohen H, Joshi D, Kumar P, **An R**, Rosenblatt K. Development of a risk score to predict sudden infant death syndrome. *International Journal of Environmental Research and Public Health*. 2022; 19(16): 10270.
185. Ji M, **An R**. Parenting styles in relation to childhood obesity, smoking and drinking: a gene-environment interaction study. *Journal of Human Nutrition and Dietetics*. 2022; 35(4): 625-633.
184. Derk G, Barton A, **An R**, Fang H, Ashrafi S, Wilund K. The safety and efficacy of clonidine in hemodialysis patients: a systematic review and meta-analysis. *Pharmacology*. 2022; 1-11.
183. Shen J, Li M, Wang Q, Liu R, Ji M, **An R**. The influence of green space on obesity in china: a systematic review. *Obesity Facts*. 2022; 15(4): 463-472.
182. Ji M, **An R**. Parental effects on obesity, smoking and drinking in children and adolescents: a twin study. *Journal of Adolescent Health*. 2022; 71(2): 196-203.

181. **An R**, Li D, Cole M, Park K; Lyon A, White N. Determinants of school diabetes care services and quality through the lens of school nurses: a qualitative analysis. *Advances in Nursing Science*. 2022. doi: 10.1097/ANS.0000000000000425. Epub ahead of print.
180. Li D, Fu L, Yang Y, **An R**. Social media-assisted interventions on human papillomavirus and vaccination-related knowledge, intention, and behavior: a scoping review. *Health Education Research*. 2022; 37(2): 104-132.
179. **An R**, Zheng J, Xiang X. Projecting the influence of sugar-sweetened beverage warning labels and restaurant menu labeling regulations on energy intake, weight status, and health care expenditures in us adults: a microsimulation. *Journal of the Academy of Nutrition and Dietetics*. 2022; 122(2): 334-344.
178. Shen J, Cui J, Li M, Clarke C, Gao Y, **An R**. Green space and physical activity in china: a systematic review. *Sustainability*. 2021; 13(23): 13368.
177. Liu R, Liu J, Ma X, Li Q, **An R**. Effect of FIFA 11+ intervention on change of direction performance in soccer and futsal players: A systematic review and meta-analysis. *International Journal of Sports Science & Coaching*. 2021; 16(3): 862-872.
176. **An R**. Policy and physical activity. *Journal of Sport and Health Science*. 2021; 10(3): 253-254.
175. Kadam I, Neupane S, Wei J, Fullington LA, Li T, **An R**, Zhao L, Ellithorpe A, Jiang X, Wang L. A systematic review of diet quality index and obesity among Chinese adults. *Nutrients*. 2021; 13(10): 3555.
174. **An R**, Li D, Khan N, McCaffrey J. Whole egg consumption and cognitive function among US older adults. *Journal of Human Nutrition and Dietetics*. 2021. <https://doi.org/10.1111/jhn.12970>
173. **An R**, Li D, Cole M, Park K, Lyon AR, White NH. Barriers and diabetes care quality in US public schools. *Health Behavior and Policy Review*. 2021; 8(6): 514-533.
172. **An R**, Li D, Cole M, Park K, Lyon AR, White NH. Implementation of school diabetes care in the US: a scoping review. *Journal of School Nursing*. 2022; 38(1): 61-73.
171. **An R**, Li D, Xiang X. The role of theories in school-based diabetes care interventions: a critical review. *World Journal of Clinical Cases*. 2021; 9(18): 4709-4720.
170. Liu J, Ji M, Clarke C, Liu R, Ma X, **An R**. Physical activity and mental health among Chinese adolescents. *American Journal of Health Behavior*. 2021; 45(2): 309-322.
169. **An R**, Liu J, Liu R. Impact of sugar-sweetened beverage warning labels on consumer behaviors: a systematic review and meta-analysis. *American Journal of Preventive Medicine*. 2021; 60(1): 115-126.
168. **An R**, Shen J, Li Y, Bandaru S. Projecting the influence of global warming on physical activity patterns: a systematic review. *Current Obesity Reports*. 2020; 9(4): 550-561.
167. **An R**, Liu R, Liu J. Impact of state laws governing school physical education on attendance and physical activity among students in the US: a systematic review and meta-analysis. *Journal of Sport and Health Science*. 2021; 10(3): 277-287.
166. **An R**, Kang H, Cao L, Xiang X. Engagement in outdoor physical activity under ambient fine particulate matter pollution: a risk-benefit analysis. *Journal of Sport and Health Science*. 2020; S2095-2546(20): 30127-7.
165. Guo S, **An R**, McBride T, Yu D, Fu L, Yang Y. Mitigation interventions in the United States: an exploratory investigation of determinants and impact. *Research on Social Work Practice*. 2021; 1(31): 26-41.
164. Liu R, Liu J, **An R**. Effect of eccentric overload training on change of direction speed performance: a systematic review and meta-analysis. *Journal of Sports Sciences*. 2020; 38(22): 2579-2587.
163. Tainio M, Andersen Z, Hu L, de Nazelle A, **An R**, Garcia L, Goenka S, Dimedi B, Bull F, de Sá T. Air pollution, physical activity and health: A mapping review of the evidence. *Environment International*. 2021; 147: 105954.
162. **An R**, Shi Y, Shen J, Bullard T, Liu G, Yang Q, Chen N, Cao L. Effect of front-of-package nutrition labeling on food purchases: a systematic review. *Public Health*. 2021; 191: 59-67.
161. **An R**. Projecting the impact of COVID-19 pandemic on childhood obesity in the US: a microsimulation model. *Journal of Sport and Health Science*. 2020; 9(4): 302-312.
160. Zhu B, Guo H, Cao Y, **An R**, Shi Y. Perceived importance of factors in cannabis purchase decisions: a best-worst scaling experiment. *International Journal of Drug Policy*. 2020; 102793.
159. **An R**, Liu J, Liu R. Pork consumption in relation to body weight and composition among adults: a systematic review and meta-analysis. *American Journal of Health Behavior*. 2020; ;44(4): 513-525.
158. **An R**, Nickols-Richardson S, Alston R, Shen S, Clarke C. Fresh and lean pork intake in relation to functional limitations among US older Adults, 2005-2016. *Nutrition and Health*. 2020; 26(4): 295-301.
157. Xiang X, Yang Y, Cheng J, **An R**. The impact of late-life disability spectrum on depressive symptoms: A fixed-effects analysis of panel data. *Journal of Gerontology: Social Sciences*. 2020. doi: 10.1093/geronb/gbaa060
156. Nikolaus C, Loehmer E, Jones A, **An R**, Khan N, McCaffrey J. Use of survival analysis to predict attrition among women participating in longitudinal community-based nutrition research. *Journal of Nutrition Education and Behavior*. 2019; 51(9): 1080-1087.

155. **An R**, Xiang X, Xu N, Shen J. Influence of grandparental childcare on childhood obesity: a systematic review and meta-analysis. *Childhood Obesity*. 2020; 16(3): 141-153.
154. Shin J, Parab K, **An R**, Grigsby-Toussaint D. Greenspace exposure and sleep: a systematic review. *Environmental Research*. 2019; 182: 109081.
153. Ji M, **An R**, Qiu Y, Guan C. The impact of natural disasters on dietary intake. *American Journal of Health Behavior*. 2020; 44(1): 26-39.
152. Nikolaus C, **An R**, Ellison B, Nickols-Richardson S. Food insecurity among college students in the United States: a scoping review. *Advances in Nutrition*. 2020; 11(2): 327-348.
151. Guan G, Qiu Y, **An R**. Relative income and life satisfaction among Chinese adults. *Sustainability*. 2019; 11: 5651.
150. Tablerion J, Wood T, Hsieh K, Bishnoi A, Sun R, Hernandez M, **An R**, Sosnoff J. Motor learning in people with multiple sclerosis: a systematic review and meta-analysis. *Archives of Physical Medicine and Rehabilitation*. 2020; 101(3): 512-523.
149. Khamzina M, Parab K, **An R**, Bullard T, Grigsby-Toussaint D. Impact of Pokémon Go! on physical activity: a systematic review and meta-analysis. *American Journal of Preventive Medicine*. 2020; 58(2): 270-282.
148. **An R**, Shen J, Bullard T, Han Y, Qiu D, Wang S. A scoping review on economic globalization in relation to the obesity epidemic. *Obesity Reviews*. 2020; 21(3): e12969.
147. **An R**, Qiu Y, Xiang X, Ji M, Guan C. Impact of hurricane Katrina on mental health among US adults. *American Journal of Health Behavior*. 2019; 43(6): 1186-1199.
146. Moss H, **An R**, Nelson T, Li K. Risk of atherosclerotic cardiovascular disease among US adults: use of 1999-2014 NHANES data. *Journal of Primary Prevention*. 2019; 40(5): 569-573.
145. **An R**, Nickols-Richardson S, Alston R, Clarke C. Fresh and lean pork consumption in relation to nutrient intakes and diet quality among US adults, NHANES 2005-2016. *Health Behavior and Policy Review*. 2019; 6(6): 570-581.
144. **An R**, Guan C, Liu J, Chen N, Clarke C. Trade openness and the obesity epidemic: a cross-national study of 175 countries during 1975–2016. *Annals of Epidemiology*. 2019; 37: 31-36.
143. **An R**, Nickols-Richardson S, Khan N, Liu J, Liu R, Clarke C. Impact of beef and beef product intake on cognition in children and young adults: a systematic review. *Nutrients*. 2019; 11(8): 1797.
142. Moody L, Dvoretzkiy S, **An R**, Mantha S, Pan Y. The efficacy of miR-20a as a diagnostic and prognostic biomarker for colorectal cancer: a systematic review and meta-analysis. *Cancers*. 2019; 11(8): E1111.
141. Vizcarra M, Tseng, P, **An R**. Feeding styles, feeding practices and child weight status between 2-to-12 years old children in Latin America: a systematic review. *Current Developments in Nutrition*. 2019; 3(S1): nzz048.P11-121-19.
140. **An R**, Shen J, Ying B, Tainio M, Andersen Z, de Nazelle A. Impact of ambient air pollution on physical activity and sedentary behavior in China: a systematic review. *Environmental Research*. 2019; 176: 108545.
139. **An R**, Ji M, Clarke C, Guan C. Impact of state laws governing physical education on attendance among US high school students, 2003-2017. *American Journal of Health Promotion*. 2019; 33(8): 1144-1151.
138. **An R**, He L, Shen J. Impact of neighborhood food environment on diet and obesity in China: a systematic review. *Public Health Nutrition*. 2020; 23(3): 457-473.
137. **An R**, Cao L, Wang J, Yang Q, Yang Y, Yin X. Impact of parental incarceration on body weight status of children and young adults: a systematic review and meta-analysis. *American Journal of Health Behavior*. 2019; 43(4): 824-837.
136. **An R**, Shi Y, Clarke C, Zhang S. Nighttime eating and obesity among US adults, 2007-2016. *Journal of Human Nutrition and Dietetics*. 2019. 2019; 32(6): 754-764.
135. **An R**, Nickols-Richardson S, Alston R, Shen S. Fresh and fresh lean beef intake in relation to functional limitations among US older adults, 2005-2016. *American Journal of Health Behavior*. 2019; 43(4): 729-738.
134. Bullard T, Ji M, **An R**, Trinh L, Mackenzie M, Mullen S. A systematic review and meta-analysis of adherence to physical activity interventions among three chronic conditions: cancer, cardiovascular disease, and diabetes. *BMC Public Health*. 2019; 19(1): 636.
133. Zhang K, Wang J, Yang Y, **An R**. Adiposity in relation to readmission and all-cause mortality following coronary artery bypass grafting: a systematic review and meta-analysis. *Obesity Reviews*. 2019; 20(8): 1159-1183.
132. **An R**, Nickols-Richardson S, Alston R, Shen S, Clarke C. Total, fresh, lean, and fresh lean beef consumption in relation to nutrient intakes and diet quality among US adults, 2005-2016. *Nutrients*. 2019; 11(3): 563.
131. Xiang X, Wu S, Zuverink A, Tomasino K, **An R**, Himle J. Internet-delivered cognitive behavioral therapies for late-life depressive symptoms: A systematic review and meta-analysis. *Aging and Mental Health*. 2019; 1: 1-11.
130. **An R**, Wang J, Liu J, Loehmer E, McCaffrey J. A systematic review on food pantry-based interventions. *Public Health Nutrition*. 2019; 22(9): 1-13.
129. Wood T, Hsieh K, **An R**, Ballard R, Sosnoff J. Balance and gait alternations observed more than 2 weeks after concussion: a systematic review and meta-analysis. *American Journal of Physical Medicine & Rehabilitation*. 2019; 98(7): 566-576.

128. Wang J, Xu J, **An R**. Effectiveness of backward walking training on balance performance: a systematic review and meta-analysis. *Gait & Posture*. 2019; 68: 466-475.
127. Hsieh K, Wood T, **An R**, Trinh L, Sosnoff J. Gait and balance impairments in breast cancer survivors: a systematic review and meta-analysis of observational studies. *Archives of Rehabilitation Research and Clinical Translation*. 2019; 1(1-2): 100001.
126. Bai R, Wei J, **An R**, Li Y, Collett L, Dang S, Dong W, Wang D, Fang Z, Zhao Y, Wang Y. Trends in life expectancy and its association with economic factors in the belt and road countries—evidence from 2000–2014. *International Journal of Environmental Research and Public Health*. 2018; 15(12): 2890.
125. Yu H, Cheng J, Gordon S, **An R**, Yu M, Chen X, Yue Q, Qiu J. Impact of air pollution on sedentary behavior: a cohort study of freshmen at a university in Beijing, China. *International Journal of Environmental Research and Public Health*. 2018; 15(12): 2811.
124. Nichol A, Holle M, **An R**. Response to “Is fasting blood glucose a reliable parameter to investigate the effect of non-nutritive sweeteners on glucose metabolism?” *European Journal of Clinical Nutrition*. 2018; 73(2): 331.
123. **An R**, Shen J, Yang Q, Yang Y. Impact of built environment on physical activity and obesity among children and adolescents in china: a narrative systematic review. *Journal of Sport and Health Science*. 2019; 8(2): 153-169.
122. Nikolaus C, Loehmer E, Jones A, **An R**, Khan N, McCaffrey J. Impact of food assistance program participation on food security patterns: a longitudinal study of women in Illinois. *Journal of Nutrition Education and Behavior*. 2018; 50(7): S24.
121. Shi Y, Liang D, Bao Y, **An R**, Wallace M, Grant I. Recreational marijuana legalization and prescription opioids received by Medicaid enrollees. *Drug and Alcohol Dependence*. 2018; 194: 13-19.
120. Xiang X, **An R**, Kang S, Stagg B, Ehrlich J. Disability type, depression, and antidepressant use among older adults in the United States. *Aging & Mental Health*. 2020; 24(1): 27-34.
119. **An R**, Guan C, Ji M, Donovan S. State laws governing competitive foods and beverages sold in schools and childhood obesity among children with special health care needs, 2007–2016. *American Journal of Health Behavior*. 2018; 42(6): 124-133.
118. Liao F, **An R**, Pu F, Burns S, Shen S, Jan Y. Effect of exercise on risk factors of diabetic foot ulcers: a systematic review and meta-analysis. *American Journal of Physical Medicine and Rehabilitation*. 2019; 98(2): 103-116.
117. Yu H, Cao C, **An R**. Regression models to predict corrected height, weight, and obesity indicators using self-reported data among university students in Beijing, China. *American Journal of Health Behavior*. 2018; 42(6): 70-77.
116. Nikolaus C, Laurent E, Loehmer E, **An R**, Khan N, McCaffrey J. Nutrition environment food pantry assessment tool (NEFPAT): development and evaluation. *Journal of Nutrition Education & Behavior*. 2018; 50(7): 724-728.e1.
115. Wang J, Yuan W, **An R**. Effectiveness of backward walking training on spatial-temporal gait characteristics: a systematic review and meta-analysis. *Human Movement Science*. 2018; 60: 57-71.
114. **An R**, Ji M. Obesity prevalence and voting behaviors in the 2016 US presidential election. *American Journal of Health Behavior*. 2018; 42(5): 21-31.
113. Loman B, Hernández-Saavedra D, **An R**, Rector R. Prebiotic and probiotic treatment of non-alcoholic fatty liver disease: a systematic review and meta-analysis. *Nutrition Reviews*. 2018; 76(11): 822-839.
112. **An R**, Wang J, Ashrafi S, Yang Y, Guan C. Chronic noise exposure and adiposity: a systematic review and meta-analysis. *American Journal of Preventive Medicine*. 2018; 55(3): 403-411.
111. Nichol A, Holle M, **An R**. Glycemic impact of non-nutritive sweeteners: a systematic review and meta-analysis of randomized controlled trials. *European Journal of Clinical Nutrition*. 2018; 72(6): 796-804.
110. **An R**, Ji M, Yan H, Guan G. Impact of Ambient air pollution on obesity: a systematic review. *International Journal of Obesity*. 2018; 42: 1112-1126.
109. Cotoc C, **An R**, Klonoff-Cohen H. Pediatric oncology and animal assisted interventions: a systematic review. *Holistic Nursing Practice*. 2018; 33(2): 101-110.
108. **An R**, Xiang X, Liu J, Guan G. Diet and self-rated health among oldest-old Chinese. *Archives of Gerontology and Geriatrics*. 2018; 76: 125-132.
107. **An R**, Yu H. Impact of ambient fine particulate matter air pollution on health behaviors: a longitudinal study of university students in Beijing, China. *Public Health*. 2018; 159: 107-115.
106. Zhang S, de la Haye K, Ji M, **An R**. Applications of social network analysis to obesity: a systematic review. *Obesity Reviews*. 2018; 19(7): 976-988.
105. Holscher H, Swanson K, Baer D, Novotny J, Guetterman H, **An R**, Lichtenstein A, Matthan N. Walnut consumption alters the gastrointestinal microbiota, microbial-derived secondary bile acids, and health markers in healthy adults: a randomized controlled trial. *Journal of Nutrition*. 2018; 148(6): 861-867.
104. Xiang X, **An R**, Oh H. The bidirectional relationship between depressive symptoms and homebound status among older

- adults. *Journal of Gerontology: Social Sciences*. 2020; 75(2): 357-366.
103. Zhang S, **An R**. Influence of ambient air pollution on television use among residents in Shanghai, China. *American Journal of Health Behavior*. 2018; 42(2): 3-11.
 102. Ji M, Zhang S, **An R**. Effectiveness of A Body Shape Index (ABSI) in predicting chronic diseases and mortality: a systematic review and meta-analysis. *Obesity Reviews*. 2017; 19(5): 737-759.
 101. **An R**, Li X, Jiang N. (2017). Geographical variations in the environmental determinants of physical inactivity among US adults. *International Journal of Environmental Research and Public Health*. 2017; 14(11).
 100. Thompson S, Hannon B, **An R**, Holscher, H. Effects of isolated soluble fiber supplementation on body weight, glycemia, and insulinemia in adults with overweight and obesity: a systematic review and meta-analysis of randomized controlled trials. *American Journal of Clinical Nutrition*. 2017; 106: 1-15.
 99. **An R**, Yang Y. Response to “actual body weight or perceived body, comments on ‘childhood obesity and school absenteeism: a systematic review and meta-analysis’” *Obesity Reviews*. 2017; 19(3): 432-433.
 98. Christoph M, **An R**. Impact of nutrition labels on dietary quality among college students: a systematic review and meta-analysis. *Nutrition Reviews*. 2018; 76(3): 187-203.
 97. **An R**. Impact of weekend admission on in-hospital mortality among US adults, 2003-2013. *Annals of Epidemiology*. 2017; 27(12): 790-795.
 96. Zheng J, Zhen Z, **An R**. Rural-urban disparities in dietary habits and anthropometric indicators among Chinese students. *Southeast Asian Journal of Tropical Medicine and Public Health*. 2017; 48(5): 1093-1106.
 95. **An R**, Ji M, Zhang S. Global warming and obesity: a systematic review. *Obesity Reviews*. 2018; 19(2): 150-163.
 94. **An R**, Zhang S, Ji M, Guan C. Impact of ambient air pollution on physical activity among adults: a systematic review and meta-analysis. *Perspectives in Public Health*. 2018; 138(2): 111-121.
 93. Rowles III J, Ranard K, Applegate C, Jeon S, **An R**, Erdman Jr. J. Processed and raw tomato consumption and risk of prostate cancer: a systematic review and dose-response meta-analysis. *Prostate Cancer and Prostatic Diseases*. 2017; 21(3): 319-336.
 92. **An R**, Yan H, Shi X, Yang Y. Childhood obesity and school absenteeism: a systematic review and meta-analysis. *Obesity Reviews*. 2017; 18(12): 1412-1424.
 91. **An R**, Zhang S, Ji M. Effectiveness of social media-based interventions on weight-related behaviors and body weight status: a systematic review and meta-analysis. *American Journal of Health Behavior*. 2017; 41(6): 670-682.
 90. **An R**, Yang Y, Hoschke A, Xue H, Wang Y. Influence of neighborhood safety on childhood obesity: a systematic review and meta-analysis of longitudinal studies. *Obesity Reviews*. 2017; 18(11): 1289-1309.
 89. Jiang N, Yu H, **An R**. Body weight status and health care expenditure among university retirees in Beijing, China. *Australasian Journal on Ageing*. 2017; 36(3): E21-E27.
 88. **An R**, Wang L, Xue H, Wang Y. Projecting the impact of a nationwide school plain water access intervention on childhood obesity: a cost-benefit analysis. *Pediatric Obesity*. 2017; 13(11): 715-723.
 87. **An R**, Jiang N. Daily energy and nutrient intake from yogurt, frozen yogurt, and ice cream in US adults, 1999-2014. *Nutrition Research*. 2017; 42: 64-70.
 86. Hannon B, Thompson S, **An R**, Teran-Garcia M. Clinical outcomes of dietary replacement of saturated fatty acids with unsaturated fat sources in adults with overweight and obesity: a systematic review and meta-analysis of randomized control trials. *Annals of Nutrition and Metabolism*. 2017; 71(1-2): 107-117.
 85. Yu H, **An R** (equal contribution), Andrade F. Ambient fine particulate matter air pollution and physical activity: a longitudinal study of university retirees in Beijing, China. *American Journal of Health Behavior*. 2017; 41(4): 401-410.
 84. **An R**, Loehmer E, Khan N, Scott M, Rindfleisch K, McCaffrey J. Community partnerships in healthy eating and lifestyle promotion: a network analysis. *Preventive Medicine Reports*. 2017; 6: 294-301.
 83. Rowles III J, Ranard K, Smith J, **An R**, Erdman Jr. J. Increased dietary and circulating lycopene are associated with reduced prostate cancer risk: a systematic review and meta-analysis. *Prostate Cancer and Prostatic Diseases*. 2017; 20(4): 361-377.
 82. Cole N, **An R**, Lee S, Donovan S. Correlates of picky eating and food neophobia in young children: a systematic review and meta-analysis. *Nutrition Reviews*. 2017; 75(7): 516-532.
 81. **An R**, Shi Y. Consumption of coffee and tea with add-ins in relation to daily energy, sugar, and fat intake in US adults, 2001-2012. *Public Health*. 2017; 146: 1-3.
 80. **An R**, Liu G, Khan N, Yan H, Wang Y. Dietary habits and cognitive impairment risk among oldest-old Chinese. *Journal of Gerontology: Social Sciences*. 2016; 74(3): 474-483.
 79. **An R**, Xiang X, Yang Y, Yan H. Mapping the prevalence of physical inactivity in US states, 1984-2015. *PLoS ONE*. 2016; 11(12): e0168175.
 78. **An R**, Khan N, Loehmer E, McCaffrey J. Assessing the network of agencies in local communities that promote healthy

- eating and lifestyles among populations with limited resources. *American Journal of Health Behavior*. 2016; 41(2): 127-138.
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19. **An R**. Home-delivered meal program and daily nutrient intakes in US older adults. 2015. American Academy of Health Behavior 15th Annual Conference, San Antonio, TX
18. **An R**. Diet quality and physical activity in relation to childhood obesity. 2015. American Academy of Health Behavior 15th Annual Conference, San Antonio, TX
17. Xiang X, **An R**. Depression and onset of cardiovascular disease in US middle-aged and older adults. 2015. American Academy of Health Behavior 15th Annual Conference, San Antonio, TX
16. **An R**. Fast-Food and full-service restaurant consumption in relation to daily energy and nutrient intakes among US adult cancer survivors, 2003-2012. 2014. Cancer Community at Illinois Fall Mixer & Reception, Urbana, IL
15. **An R**, Zheng J. Proximity to exercise facility and leisure-time physical inactivity in China. 2014. American Academy of Health Behavior 14th Annual Conference, Charleston, SC
14. Sturm R, **An R**, Maroba J, Patel D. The effects of obesity, smoking, and excessive alcohol intake on health care expenditure in a comprehensive medical scheme. 2014. American Academy of Health Behavior 14th Annual Conference, Charleston, SC
13. **An R**, Zhu H. Out-of-pocket health care expenditure for mental disorders: US trend from 1996 to 2011. 2014. American Academy of Health Behavior 14th Annual Conference, Charleston, SC
12. **An R**. Effectiveness of subsidies in promoting healthy food purchases and consumption: a review of field experiments. 2013. American Academy of Health Behavior 13th Annual Conference, Santa Fe, NM
11. **An R**, Sturm R. Evaluation of a national discount program for healthy food purchases in South Africa: an instrumental variable approach. 2013. American Academy of Health Behavior 13th Annual Conference, Santa Fe, NM
10. **An R**, Liu J. Local labor market fluctuations and physical activity among adults in the US, 1990-2009. 2013. American Academy of Health Behavior 13th Annual Conference, Santa Fe, NM
9. Shi L, **An R**, van Meijgaard J. Cigarette smoking and abdominal obesity: a meta-analysis of observational studies. 2013. American Academy of Health Behavior 13th Annual Conference, Santa Fe, NM
8. Mehrotra A, **An R**, Patel D, Sturm R. Impact of a patient incentive program on receipt of preventive care. 2013. American Academy of Health Behavior 13th Annual Conference, Santa Fe, NM
7. **An R**, Patel D, Segal D, Sturm R. Eating better for less: a national discount program for healthy food purchases in South Africa. 2012. Association for Public Policy Analysis and Management 33rd Annual Conference, Baltimore, MD
6. Hattori A, **An R**, Sturm R. Association between neighborhood food outlets and diet and obesity among California adults. 2012. American Public Health Association 140th Annual Conference, San Francisco, CA
5. **An R**, Sturm R. Participation in a national healthy food subsidy program and food purchases in South Africa: a longitudinal analysis of supermarket scanner data. 2012. American Academy of Health Behavior 12th Annual Conference, Austin, TX
4. **An R**, Sturm R. Eating better for less: a national discount program for healthy food purchases in South Africa. 2012. American Academy of Health Behavior 12th Annual Conference, Austin, TX
3. **An R**, Sturm R. Local labor market conditions and obesity in the US 2011. All-California Labor Economics Conference, Santa Monica, CA
2. **An R**, Sturm R. Does the response to alcohol taxes differ across racial/ethnic groups? Evidence from 1984-2009 BRFSS. 2011. Center for Research on Ethnicity, Culture and Health Conference titled "From Disparities Research to Disparities Interventions: Lessons Learned and Opportunities for the Future of Behavioral Health Services," Arlington, VA
1. Vanderbeek M, **An R**. Bridging the Pacific: an exploration of transportation policy and planning in the US and China. 2009. American Planning Association National Conference, Minneapolis, MN

OTHER INVITED PRESENTATIONS, SEMINARS & WORKSHOPS

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58. Use ChatGPT to facilitate literature reviews. 2023. Kaiser Permanente National Quality Group.

57. Unlock the power of AI: boost your research with ChatGPT. 2023. Faculty Colloquium, College of Applied Health Sciences, University of Illinois at Urbana-Champaign, Champaign, IL
56. Write effective ChatGPT prompts to boost research productivity. 2023. Research Methods Luncheon, School of Social Work, University of Illinois at Urbana-Champaign, Champaign, IL
55. Build neural network models to identify and correct news headlines exaggerating obesity-related scientific findings. 2023. Institute of Clinical and Translational Sciences Big Data Research Symposium, Washington University, St. Louis, MO
54. Sentiment Analysis of Tweets on Soda Taxes. 2023. Institute of Clinical and Translational Sciences Big Data Research Symposium, Washington University, St. Louis, MO
53. Applications of artificial intelligence and big data analytics in obesity research. 2023. The 9th Annual Global Health Conference, Institute for Public Health, Washington University, St. Louis, MO
52. Write effective ChatGPT prompts to boost research productivity (Part I & II). 2023. Open Classroom, Brown School, Washington University, St. Louis, MO
51. Applications of artificial intelligence and big data analytics in obesity research. 2023. Global Health Work in Progress, Washington University, St. Louis, MO
50. Be an interdisciplinary data scientist: where to start and how to succeed. 2023. Open Classroom, Brown School, Washington University, St. Louis, MO
49. Applications of artificial intelligence and big data analytics in obesity research. 2022. Open Classroom, Brown School, Washington University, St. Louis, MO
48. Artificial intelligence: implications for social equity and bias. 2022. Open Classroom, Brown School, Washington University, St. Louis, MO
47. Artificial intelligence for everyone. 2022. Open Classroom, Brown School, Washington University, St. Louis, MO
46. School diabetes care: challenges and opportunities. 2022. National Association of State School Nurse Consultants Annual Meeting
45. Implementation of diabetes care in schools. 2021. Data and Research Committee, National Association of State School Nurse Consultants
44. Diabetes care in Missouri public schools. 2021. Missouri Diabetes Council, Missouri Department of Health and Senior Services, Jefferson City, MO
43. Implementation of diabetes care in schools. 2021. Centers for Diabetes Translation Research, Washington University, St. Louis, MO
42. Artificial intelligence: applications, promises, pitfalls, and misperceptions. 2021. Open Classroom, Brown School, Washington University, St. Louis, MO
41. Projecting the impacts of sugar-sweetened beverage warning labels and restaurant menu labeling regulations on energy intake, weight status, and healthcare expenditures in US adults: a microsimulation. 2021. Department of Mathematics and Statistics, Washington University, St. Louis, MO
40. PhD program application workshop. 2021. Brown School, Washington University, St. Louis, MO
39. Machine learning: an overview of fundamentals and applications. 2021. Harvey A. Friedman Center for Aging, Washington University, St. Louis, MO
38. Projecting the impacts of sugar-sweetened beverage warning labels and restaurant menu labeling regulations on energy intake, weight status, and healthcare expenditures in US adults: a microsimulation. 2021. Social Policy Institute, Washington University, St. Louis, MO
37. Projecting the impacts of sugar-sweetened beverage warning labels and restaurant menu labeling regulations on energy intake, weight status, and healthcare expenditures in US adults: a microsimulation. 2021. Division of Computational & Data Sciences, Washington University, St. Louis, MO
36. Projecting the impact of COVID-19 pandemic on childhood obesity in the US: a microsimulation model. 2020. US Department of Veterans Affairs St. Louis Health Care System, St. Louis, MO
35. Some states may have missed optimal timing to enact virus mitigation efforts: findings of the determinant study. 2020. Open Classroom, Brown School, Washington University, St. Louis, MO
34. Projecting the impact of COVID-19 pandemic on childhood obesity in the US: a microsimulation model. 2020. Open Classroom, Brown School, Washington University, St. Louis, MO
33. Physical activity under polluted air: making sense of the dilemma. 2020. Center for Health Economics and Policy, Washington University, St. Louis, MO
32. Diet, disability, cognition, and longevity among oldest-old Chinese: A longitudinal survey in China. 2019. Harvey A. Friedman Center for Aging, Washington University, St. Louis, MO
31. Quantitative health data analysis. 2018. Shanghai University of Sport, Shanghai, China
30. Subsidizing fruits and vegetables in low-income households: Would benefit justify the cost? 2018. Graduate Student

- STEM Science Policy Group Seminar, Champaign, IL
29. Writing for peer-reviewed journals: a workshop. 2017. Beijing Normal University, Beijing, China
 28. Influence of neighborhood safety on childhood obesity: a systematic review and meta-analysis of longitudinal studies. 2017. Shanghai University of Sport, Shanghai, China
 27. Air pollution and health behavior. 2017. Shanghai University of Sport, Shanghai, China
 26. Projecting the impact of a nationwide school plain water access intervention on childhood obesity: a cost-benefit analysis. 2017. Tsinghua University, Beijing, China
 25. Projecting the impact of a nationwide school plain water access intervention on childhood obesity: a cost-benefit analysis. 2017. Beijing Normal University, Beijing, China
 24. Community networks within Macon County. 2016. University of Illinois Extension Macon County Meeting, Decatur, IL
 23. Social network analysis on SNAP-Ed and EFNEP agencies. 2016. NC-NECE Team Meeting, Champaign, IL
 22. The obesity epidemic in the US: facts and myths. 2016. Guangzhou Sport University, Guangzhou, Guangdong, China.
 21. Economic incentives and a healthy diet. 2016. Shanghai Normal University, Shanghai, China
 20. Writing for peer-reviewed journals: a workshop. 2016. Shanghai University of Sport, Shanghai, China
 19. Obesity, diet, and economic incentives. 2016. Peking University, Beijing, China
 18. Economic incentives and a healthy diet. 2016. Tsinghua University, Beijing, China
 17. Diet, disability, cognition, and longevity among oldest-old Chinese. 2016. Peking University, Beijing, China
 16. The obesity epidemic in the US: facts and myths. 2016. Hebei Medical University, Shijiazhuang, Hebei, China
 15. University of Illinois NECE research update. 2016. NC-NECE Annual Meeting, Chicago, IL
 14. Meet public health. 2016. Chinese Students and Scholars Association at University of Illinois, Champaign, IL
 13. Social network analysis and its application on evaluating a multi-modal community nutrition education model within SNAP-Ed and EFNEP. 2015. USDA North Central Nutrition Education Center of Excellence, Champaign, IL
 12. Data blitz. 2015. Division of Nutritional Sciences External Advisory Committee Meeting, Champaign, IL
 11. A health plan's approach to improving diets: evaluation of a rebate program on healthy food purchases in South Africa. 2015. ACES International Policy and Development Seminar Series, Champaign, IL
 10. A health plan's approach to improving diets: evaluation of a rebate program on healthy food purchases in South Africa. 2015. Division of Nutritional Sciences Special Seminar Series, Champaign, IL
 9. Environments and obesity: common beliefs and misbeliefs. 2014. Consumer Sciences Initiative Group, Champaign, IL
 8. Fast-food and full-service restaurant consumption in relation to daily energy and nutrient intakes among US adult cancer survivors, 2003-2012. 2014. Cancer Community at Illinois, Urbana, IL
 7. Local labor market conditions and obesity in the US in 2011. All-California Labor Economics Conference, Santa Monica, CA
 6. Mapping immune thrombocytopenic purpura in the US using OSCER. 2011. Amgen Nplate Cross-functional Conference, Thousand Oaks, CA
 5. Hospitalization cost, length of stay, and mortality among patients with ITP in the US: 2006-2009. 2011. Amgen Global Health Economics Conference, Thousand Oaks, CA
 4. Geographical and racial disparities in the end-stage renal disease prospective payment system. 2011. Amgen Global Government Affairs Conference, Thousand Oaks, CA
 3. How can geographic information system be used to answer critical questions? 2011. Amgen Summery Intern Conference, Thousand Oaks, CA
 2. The magic of mapping—an overview of geographic information system applications on health research with examples. 2011. Outcomes Insights, Thousand Oaks, CA
 1. Mapping diabetes in California 2001-2006: disparity and hotspot. 2010. RAND Q-DART meeting, Santa Monica, CA

JOURNAL EDITORIAL POSITIONS

2023-	Guest Editor, special issue “Artificial Intelligence Applications to Public Health Nutrition,” <i>Nutrients</i> (ISSN 2072-6643)
2021-2022	Guest Editor, special issue “The Impact of Policy and Food Environment on Food Purchase and Dietary Behavior,” <i>Nutrients</i> (ISSN 2072-6643)
2021	Guest Editor, special issue “Policy and Physical Activity,” <i>Journal of Sport and Health Science</i> (ISSN: 2095-2546)
2019-Present	Editorial Board Member, <i>Journal of Sport and Health Science</i> (ISSN: 2095-2546)
2012-2021	Review Board Member, <i>American Journal of Health Behavior</i> (ISSN: 1087-3244)

AD HOC JOURNAL REVIEW**Total number of journals: 125**

Addiction; Addictive Behaviors; Advances in Nutrition; Aging and Mental Health; Air Quality, Atmosphere and Health; Alcohol and Alcoholism; American Journal of Clinical Nutrition; American Journal of Health Behavior; American Journal of Human Biology; American Journal of Preventive Medicine; American Journal of Public Health; Annals of Epidemiology; Appetite; Australian Journal of Rehabilitation Counselling; Behavioral Sciences; Bioscience Reports; Birth Defects Research Part A: Clinical and Molecular Teratology; BMC Cancer; BMC Geriatrics; BMC Nutrition; BMC Obesity; BMC Psychiatry; BMC Public Health; BMC Research Notes; BMJ Open; British Food Journal; British Journal of Nutrition; Childhood Obesity; Clinical Epidemiology; Clinical Nutrition; Clinical Nutrition ESPEN; ClinicoEconomics and Outcomes Research; Culture and Disability; Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy; Disability and Rehabilitation; Drug and Alcohol Review; Eating and Weight Disorders; Economics & Human Biology; Environment International; Environmental Pollution; European Journal of Nutrition; Family & Community Health; Family Medicine & Community Health; Global Health Research and Policy; Global Social Welfare; Frontiers in Physiology; Health Affairs; Health and Place; Health Behavior Research; Health Education Journal; Health Equity; Health Research Policy and Systems; Health Services Research; Healthcare; International Health; International Journal of Adolescent Medicine and Health; International Journal of Behavioral Nutrition and Physical Activity; International Journal of Environment and Pollution; International Journal of Environmental Research and Public Health; International Journal of Geriatric Psychiatry; International Journal of Medical Informatics; International Journal of Public Health; International Journal of Obesity; International Journal of Sustainable Transportation; Journal of Adolescent Health; Journal of Aging and Health; Journal of Career Development; Journal of Child Health Care; Journal of Dietary Supplements; Journal of Drug Design, Development and Therapy; Journal of Epidemiology and Global Health; Journal of Functional Foods; Journal of Gerontology: Social Sciences; Journal of Hospitality Management; Journal of Medical Food; Journal of Medical Internet Research; Journal of Nutrition Education and Behavior; Journal of Physical Activity and Health; Journal of Psychology and Psychotherapy; Journal of Public Health; Journal of Sport and Health Science; Journal of the Air & Waste Management Association; Journal of the American Medical Association; Journal of Urban Health; Liver International; Maternal and Child Health Journal; NFS Journal; Nutrients; Nutrition; Nutrition & Dietetics; Nutrition and Cancer: An International Journal; Nutrition and Food Science; Nutrition and Metabolic Insights; Nutrition and Metabolism; Nutrition, Metabolism & Cardiovascular Diseases; Nutrition and Health; Nutrition Journal; Nutrition Reviews; Obesity; Obesity Reviews; Obesity Research & Clinical Practice; Obesity Science & Practice; Patient Preference and Adherence; Pediatric Obesity; PeerJ; Perspectives in Public Health; Physiology and Behavior; PLoS ONE; Population Health; Preventing Chronic Disease; Preventive Medicine; Preventive Medicine Reports; Public Health; Public Health Nutrition; Public Health Report; Research on Ageing; Scandinavian Journal of Medicine and Science in Sports; Social Science and Medicine; Social Science Journal; Stroke and Vascular Neurology; Transportation Research Part D: Transport and Environment; Trends in Food Science & Technology; Women's Health Issues; World Development; IEEE Computational Intelligence Magazine

FUNDED RESEARCH APPLICATIONS**Extramural Funding**

- 2023 PI. Using GPT models to conduct qualitative data analysis: A feasibility study. \$5,000. OpenAI
- 2022 Independent Evaluator (PI: Dong-Chul Seo). Multi-sector and multi-level community-driven approaches to remove structural racism and overdose deaths in black Indianapolis communities. (Award No: 1 CPIMP221346-01-00). US Department of Health and Human Services, Office of Minority Health
- 2022 PI. Effectiveness of HMB interventions on muscle health in community-dwelling older adults: a systematic review and meta-analysis. \$50,000. Abbott
- 2021 PI. Influence of daily choline intake on cognitive function in U.S. older adults. \$115,000. Egg Nutrition Center
- 2021 PI. Effect of oral nutritional supplementation on immunity in children with undernutrition: a systematic review and meta-analysis. \$30,000. Abbott
- 2020 PI. Influence of whole egg consumption on diet quality and cognitive function among US older adults. \$90,000. Egg Nutrition Center
- 2019 PI. Impact of pork consumption on body weight and composition among adults: a systematic review. \$20,000. National Pork Board
- 2019 PI. Impact of beef consumption on cognitive function among children and adolescents: a systematic review. \$35,000. National Cattlemen's Beef Association
- 2018 PI. Influence of fresh and lean pork consumption on diet quality and functional limitations among American older adults, 1999-2016. \$80,000. National Pork Board
- 2018 PI. Influence of fresh and lean beef consumption on diet quality and functional limitations among American older

- adults, 1999-2016. \$80,000. National Cattlemen's Beef Association
- 2017 PI. Impact of school competitive food policies on childhood obesity among children with special health care needs. \$20,000. Institute for Social and Economic Innovation
- 2017 PI. Influence of air pollution on health behavior. ¥30,000. Tsinghua University, Beijing, China
- 2016 PI. Cognitive impairment and mortality among oldest-old Chinese. ¥10,000. China Center for Health Economic Research, Peking University, Beijing, China
- 2016 Co-PI (PI: Jennifer McCaffrey). Evaluating a multi-modal community nutrition education model within SNAP-Ed and EFNEP (Phase 2). \$70,000. USDA North Central Nutrition Education Center of Excellence
- 2015 Co-PI (PI: Jennifer McCaffrey). Evaluating a multi-modal community nutrition education model within SNAP-Ed and EFNEP. \$75,000. USDA North Central Nutrition Education Center of Excellence
- 2014 PI. Hospitalization cost, length of stay, and in-hospital mortality among US adults with immune thrombocytopenic purpura: 2006-2011. \$16,000. Amgen Foundation
- 2011 PI. The role of economic incentives on engagement in health promotion practices and utilization of preventive care services. \$10,000. Anne and James Rothenberg Dissertation Grant
- 2010 PI. School and residential neighborhood environment in relation to obesity and alcohol misuse among children and adolescents. \$25,000. JL Foundation

Internal Funding

- 2020 PI. Implementation of diabetes care in schools. \$30,000. Center for Diabetes Translation Research, Washington University in St. Louis
- 2017 PI. Impact of school-based nutrition policies on childhood obesity among children with special health care needs. \$20,000. USDA Hatch Act Funds & Division of Nutritional Science's Vision 20/20 Program, University of Illinois
- 2017 PI. Assessing the impact of the neighborhood food environment on diet and health among physically and psychosocially vulnerable children and adults. \$20,000. Social and Behavioral Sciences Research Initiative Small Grants Program, University of Illinois
- 2015 PI. Be the "Champion"! A community-based physical activity promotion program targeting clinically obese children and adolescents from low-income families. \$10,000. Campus Research Board, University of Illinois
- 2015 PI. Analysis of the national trajectory and contributing factors of racial/ethnic disparities in obesity across the lifespan. \$30,000. Campus Research Board, University of Illinois

Contract

- 2017 Contractor (PI: Yuyan Shi). Neighborhood physical, economic, and socioeconomic environment in relation to marijuana use and disorder. \$10,000. National Institutes of Health (R01DA042290)
- 2017 Contractor (PI: Youfa Wang). Mission X: train like an astronaut. \$6,500. National Aeronautics and Space Administration
- 2013 Contractor (PI: Sandra Simmons). A randomized controlled nutrition intervention in nursing home residents to prevent unintentional weight loss. \$15,500. National Institutes of Health (R01HS018580-01)
- 2012 Contractor (PI: Benjamin Sun). A randomized clinical trial of an emergency department observation syncope protocol versus routine inpatient admission. \$10,000. National Institutes of Health (RC1AG035664)

Consulting

- 2023 Expert consultant. Invited by the CDC and RTI to serve on the expert panel for building a microsimulation model to assess the long-term impact of dietary and physical policy interventions on morbidity, mortality, and quality of life among US adults.

GRANT REVIEW ACTIVITIES

Federal Grant Review

- 2021 French National Research Agency (ANR), Environments, Ecosystems and Biological Resources Department (EERB), Study Section: Food and Food Systems
- 2020 National Institute of Health (NIH), Division of AIDS, Behavioral and Population Sciences, Study Section: Community Influences on Health Behavior (CIHB)
- 2017-2018 US Department of Health and Human Services (HHS), Health Resources and Services Administration, Maternal and Child Health Bureau
- 2016 National Science Foundation (NSF), Division of Social and Economic Sciences

University Grant Review

- 2021 Center for Diabetes Translation Research pilot grant, Washington University in St. Louis
 2020 McDonnell Academy Covid-19 seed grant, Washington University in St. Louis
 2018 Campus Research Board, University of Illinois
 2018 Margin of Excellence Graduate Student Research Proposal Competition, University of Illinois

CONFERENCE REVIEW ACTIVITIES

- 2021 Abstract Reviewer. Society for Public Health Education Annual Conference, St. Louis, MO
 2021 Abstract Reviewer. American Academy of Health Behavior Annual Conference (virtual)
 2020 Abstract Reviewer. 13th Annual Conference on the Science of Dissemination and Implementation, Washington, DC
 2020 Poster Reviewer. American Academy of Health Behavior Annual Conference, Napa Valley, CA
 2019 Poster Reviewer. American Academy of Health Behavior Annual Conference, Greenville, SC
 2018 Abstract Reviewer. American College of Epidemiology Annual Conference, Cincinnati, OH
 2018 Poster Reviewer. American Academy of Health Behavior Annual Conference, Portland, OR
 2017 Poster Reviewer. American College of Epidemiology Annual Conference, New Orleans, LA
 2017 Abstract Reviewer. American College of Epidemiology Annual Conference, New Orleans, LA
 2017 Abstract Reviewer. American Academy of Health Behavior Annual Conference, Tucson, AZ
 2016 Abstract Reviewer. American Academy of Health Behavior Annual Conference, Ponte Vedra Beach, FL
 2015 Abstract Reviewer. American Academy of Health Behavior Annual Conference, San Antonio, TX
 2014 Abstract Reviewer. American Academy of Health Behavior Annual Conference, Charleston, SC
 2013 Abstract Reviewer. American Academy of Health Behavior Annual Conference, Santa Fe, NM

SELECTED MEDIA COVERAGE

- WashU News Bureau [Book explores ChatGPT's power to revolutionize research](#)
 WashU News Bureau [Brown School study uses AI to analyze social media attitudes about soda taxes](#)
 WashU News Bureau [Brown School launches artificial intelligence certificate](#)
 Yahoo News [Inside America's most and least obese counties](#)
 WashU News Bureau [Warning labels on soda bottles, restaurant menus could reduce obesity, save health care costs](#)
 WashU News Bureau [Brown School connects artificial intelligence to social work, public health through open classroom and new courses](#)
 WashU News Bureau [Labels can help deter soda consumption, study finds, but legislating them in U.S. no small feat](#)
 WashU News Bureau [Some states may have missed optimal timing to enact virus mitigation efforts, study finds](#)
 WashU News Bureau [State laws can bolster physical education among children, study finds](#)
 Washington Post [Kids are shooting hoops with rolled up socks, but pandemic physical education is not canceled](#)
 US News & World Report [Stay-at-home orders could mean more obese kids: study](#)
 WashU News Bureau [Lack of physical activity during COVID-19 may fuel childhood obesity, new study finds](#)
 WashU News Bureau [Chinese community steps up, provides masks for Brown School](#)
 US News & World Report [Kids raised by grandparents more likely to pile on pounds: study](#)
 WashU News Bureau [Being raised by grandparents may increase risk for childhood obesity](#)
 US News & World Report [Lunchtime H₂O may be key to curbing kids' obesity](#)
 UIUC News Bureau [Study: Serving water with school lunches could prevent child, adult obesity](#)
 Reuters [Mindful coffee consumption may help reduce sugar intake](#)
 USA Today [Here's the truth about meals on wheels in Trump's budget](#)
 Bloomberg [Trump's cuts to meals on wheels could hurt veterans, raise health-care costs](#)
 Politico [The obesity epidemic affects all population subgroups](#)

Politico	<u>We're all getting fat</u>
Yahoo Health	<u>Bad news if you put milk or sugar in your coffee</u>
UIUC News Bureau	<u>Study tallies extra calories Americans consume in their coffee, tea</u>
CBS	<u>Where do Americans buy most of their junk food?</u>
UIUC News Bureau	<u>Report: people buy most of their junk food at the supermarket</u>
CBS	<u>Is your sandwich hurting your diet?</u>
Harvard Health	<u>Drink more water to cut calories, fat, and sugar?</u>
The Atlantic	<u>The water diet. Can you lose weight just by drinking more water?</u>
US News & World Report	<u>Drinking more water may help your diet</u>
Glamour	<u>5 surprising reasons you should be drinking more water</u>
Cosmopolitan	<u>Doing this 1 thing can save you more than 200 calories a day</u>
Yahoo Health	<u>It's amazing what another glass of water can do</u>
FOX	<u>Increasing water intake by a small amount has big benefits, study finds</u>
UIUC News Bureau	<u>Drinking more water associated with numerous dietary benefits, study finds</u>
UIUC News Bureau	<u>Rebates a cost-effective way to boost healthy eating among low-income people, study finds</u>
Yahoo Health	<u>5 ways diet soda makes you gain weight</u>
TIME	<u>Diet soda drinkers more likely to eat unhealthy food, study finds</u>
Forbes	<u>Sorry, guys: people who drink diet sodas are more likely to eat junk food</u>
Chicago Tribune	<u>Think drinking diet soda helps? Think again</u>
CBS	<u>Diet soda drinkers more likely to eat unhealthy foods</u>
ABC	<u>Diet sodas may not help you lose weight</u>
Daily Mail	<u>Why diet coke is bad for you: opting for low-calorie drinks means you're more likely to compensate and eat junk food</u>
UIUC News Bureau	<u>Diet beverage drinkers compensate by eating unhealthy food, study finds</u>
Washington Post	<u>Drinking diet beverages? You're probably making terrible food choices</u>
People	<u>Why fast food isn't necessarily to blame for the obesity epidemic</u>
Guardian	<u>Why restaurant food is unhealthy as fast version, by study</u>
Los Angeles Times	<u>Is fast food better for you than a sit-down restaurant meal? Study suggests yes</u>
TIME	<u>Restaurant food may be unhealthier than fast food</u>
FOX	<u>Restaurant food not much healthier than fast food</u>
Washington Post	<u>Restaurant meals may be as full of fat, calories, cholesterol and sodium as fast food, study says</u>
Reuters	<u>Restaurant food not much healthier than fast food</u>
NPR	<u>Why sit-down meals may be just as unhealthful as fast food</u>
CBS	<u>Is fast food more diet-safe than full-service restaurant food?</u>
CBS	<u>Restaurant meals can be as bad for your waistline as fast food</u>
UIUC News Bureau	<u>Study: restaurant meals can be as bad for your waistline as fast food is</u>
UIUC News Bureau	<u>Smokers, the obese, have markedly higher health care costs than peers</u>
UIUC News Bureau	<u>Study: many in US have poor nutrition, with the disabled doing worst</u>
Cambridge University Press	<u>Considering calories: protein vs fats</u>
USA Today	<u>The whole world has a weight problem, new report says</u>
The Atlantic	<u>The paradox of obesity and produce</u>
FOX	<u>Cheap food blamed for US obesity</u>
CNN	<u>Report: cheap food makes us fat</u>
Los Angeles Times	<u>Analysts blame cheap food for obesity across all groups</u>
NBC	<u>Cheap food blamed for America's obesity crisis</u>
CBS	<u>Is cheap food to blame for the obesity epidemic?</u>
UIUC News Bureau	<u>Intuitions about the causes of rising obesity are often wrong, researchers report</u>
RAND Press	<u>US obesity epidemic affecting all segments of the nation; easier access to food may be to blame</u>
American Cancer Society Press	<u>Review says inexpensive food a key factor in rising obesity</u>
UIUC News Bureau	<u>New evidence shows increase in obesity may be slowing, but not by much</u>
Los Angeles Times	<u>Rebates motivate shoppers to buy produce, whole grains</u>
NPR	<u>Cashback on broccoli: health insurers nudge shoppers to be well</u>

RAND Press	<u>Discounts on healthy foods can improve diet quality; first result from a national program</u>
Boston Globe	<u>"Food desert" rhetoric overshadows tougher problem: a sedentary culture</u>
California Senate Republican Caucus	<u>Briefing report: food deserts—another mirage?</u>
New York Times	<u>Studies question the pairing of food deserts and obesity</u>
RAND Press	<u>Special feature: how does food environment contribute to childhood obesity?</u>
Washington Post	<u>Don't blame food deserts for obesity</u>

PROFESSIONAL ORGANIZATION LEADERSHIP ROLES

2022-Present	Annual Conference Planning Committee, American Academy of Health Behavior
2021-Present	Award Council Chair, American Academy of Health Behavior
2020-Present	Annual Conference Planning Committee, Society for Public Health Education (SOPHE)
2018	World Health Organization (WHO) Writing Group, in charge of drafting the "Report on Development of Guidance on the Relations between Physical Activity and Air Pollution" for the 1 st WHO Global Conference on Air Pollution and Health, Geneva, Switzerland, 2018
2017-Present	Publication Committee, American College of Epidemiology
2015-Present	Judy K. Black Early Career Research Award Committee, American Academy of Health Behavior
2015-Present	Annual Mentorship Award Committee, American Academy of Health Behavior
2014-Present	Professional Development Council, American Academy of Health Behavior

PROFESSIONAL ORGANIZATION MEMBERSHIPS

Extramural Organizations

2021-Present	Member, Society for Public Health Education
2018-Present	Fellow, American College of Epidemiology
2018-Present	Member, Gerontological Society of America
2015-Present	Lifetime Member, International Epidemiological Association
2013-Present	Member, American Public Health Association
2012-Present	Full Member, American Academy of Health Behavior
2013-2014	Member, American Economic Association
2013	Member, Association for Public Policy Analysis and Management

Organizations in the University

2020-Present	Associate Member, Siteman Cancer Center, Washington University in St. Louis
2019-Present	Member, Center for Dissemination and Implementation, Washington University in St. Louis
2019-Present	Member, Institute for Public Health, Washington University in St. Louis
2019-Present	Member, Center for Health Economics and Policy, Washington University in St. Louis
2019-Present	Member, Center for Diabetes Translation Research, Washington University in St. Louis
2017-2019	Member, Center for East Asian and Pacific Studies, University of Illinois
2013-2018	Member, Cancer Community at Illinois

SCHOLARSHIP

2009	Robert Klitgaard Scholarship, in support of the first-year Ph.D. in Policy Analysis at the Pardee RAND Graduate School. Amount: \$28,500
2005-2006	International Monetary Fund (IMF) Scholarship, in support of the Master's in Public Policy at the National Graduate Institute for Policy Studies. Amount: \$50,000

COURSES TAUGHT

Washington University in St. Louis (Role: Instructor)

2022-Present	Artificial Intelligence Applications for Health Data (Post-master certificate program course)
2022-Present	Applied Deep Learning Using Health Data (Graduate-level elective course)
2022, Summer	Practical Introduction to Artificial Intelligence Using Python (Graduate-level short summer course)
2022-Present	Applied Machine Learning Using Health Data (Graduate-level elective course)
2021, Summer	Artificial Intelligence Summer Weekly Workshop Series (A total of 11 two-hour lectures and lab sessions)
2021, Summer	Hands-on Meta-Analysis: From Beginning to Advanced (Graduate-level short summer course)

- 2020-Present Systematic Review and Meta-analysis (Graduate-level core course)
 2019-Present Biostatistics (MPH core course)

University of Illinois at Urbana-Champaign (Role: Instructor)

- 2018-2019 Behavioral and Environmental Determinants of Obesity (Undergraduate-level selective course specific for the Campus Honors Program)
 2015-2019 Systematic Review and Meta-analysis (Ph.D.-level elective course)
 2013-2019 Health Data Analysis (Undergraduate-level quantitative reasoning core course)

Pardee RAND Graduate School (Role: Teaching Assistant)

- 2010-2013 Advanced Econometrics I (Selective Ph.D.-level course)
 2010-2013 Empirical Analysis III (Ph.D.-level quantitative modeling core course)
 2010-2013 Empirical Analysis II (Ph.D.-level quantitative modeling core course)

STUDENT ADVISORY ACTIVITIES

Ph.D. Student Advisor & Dissertation Committee Chair

- 2023-Present Yuyi Yang, Division of Computational & Data Sciences, Washington University in St. Louis
 2022-Present Charles Alba, Division of Computational & Data Sciences, Washington University in St. Louis
 2016-2021 Mengmeng Ji, Department of Kinesiology and Community Health, University of Illinois

Ph.D. Dissertation Committee Member

- 2023 Ivy Smith, Division of Computational & Data Sciences, Washington University in St. Louis
 2022-Present Merriah Croston, Brown School, Washington University in St. Louis
 2022-Present Ashley Jackson, Brown School, Washington University in St. Louis
 2022-Present Yuanyuan Yang, Brown School, Washington University in St. Louis
 2018-2020 Shuo Xu, School of Social Work, University of Illinois
 2018-2019 Jong Cheol Shin, Department of Kinesiology and Community Health, University of Illinois
 2018-2019 Mounika Polavarapu, Department of Kinesiology and Community Health, University of Illinois
 2017-2019 Cassandra Nikolaus, Department of Food Science and Human Nutrition, University of Illinois
 2016-2019 Gwendolyn Derk, Department of Kinesiology and Community Health, University of Illinois
 2015-Present Hai Yan, Department of Kinesiology and Community Health, University of Illinois
 2014-2016 Mary Christoph, Department of Kinesiology and Community Health, University of Illinois
 2014-2016 Xiaoling Xiang, School of Social Work, University of Illinois
 2013-2014 Julie Kumar, Department of Kinesiology and Community Health, University of Illinois
 2013-Present Zhiying Zhang, Department of Kinesiology and Community Health, University of Illinois

Ph.D. Student Supervisor

- 2021 Cao Fang, Brown School, Washington University in St. Louis
 2017 Brandi Smith, Department of Food Science and Human Nutrition, University of Illinois
 2016-2017 Natasha Cole, Division of Nutritional Sciences, University of Illinois
 2015-2018 Yan Yang, Department of Kinesiology and Community Health, University of Illinois

Master's Student Capstone/Practicum/Internship Supervisor

- 2023-Present Yue Fang, MSP, Brown School, Washington University in St. Louis
 2023-Present Yisu Wang, MPH, Brown School, Washington University in St. Louis
 2023-Present Ray Hung, MPH, Brown School, Washington University in St. Louis
 2023-Present Jin Lyu, MSP, Brown School, Washington University in St. Louis
 2023-Present Fnu Shambhavi, MPH, Brown School, Washington University in St. Louis
 2023-Present Binyuan Cai, MPH, Brown School, Washington University in St. Louis
 2023-Present Anqi Zhao, MPH, Brown School, Washington University in St. Louis
 2022-Present Xi Wang, MPH, Brown School, Washington University in St. Louis
 2022-2023 Yuyi Yang, MPH, Brown School, Washington University in St. Louis
 2022-2023 Aung Myo Htut, MPH, Brown School, Washington University in St. Louis
 2022-2023 Qianzi Zhou, MPH, Brown School, Washington University in St. Louis
 2022-2023 Quinlan Batcheller, MPH, Brown School, Washington University in St. Louis

2022-2023	Vicent Ssentumbwe, MPH, Brown School, Washington University in St. Louis
2022-2023	Zhiqing Pu, MPH, Brown School, Washington University in St. Louis
2021-2022	Christopher Damulira, MPH, Brown School, Washington University in St. Louis
2021-2022	Chen Chen, MSW, Brown School, Washington University in St. Louis
2021-2022	Joshua Perez-Cruet, Pre-Med, School of Medicine, Washington University in St. Louis
2021-2021	Qiyun Huang, MPH, Brown School, Washington University in St. Louis
2021-2021	Mengyao Shi, MPH, Brown School, Washington University in St. Louis
2020-2021	Serena Li, MPH, Brown School, Washington University in St. Louis
2020-2021	Baoling Zhen, MPH, Brown School, Washington University in St. Louis
2020-2021	Zhaoqi Xu, MPH, Brown School, Washington University in St. Louis
2020-2021	Yuxiang Huang, MPH, Brown School, Washington University in St. Louis
2020-2021	Katherine Li, MPH, Brown School, Washington University in St. Louis
2019-2021	Danyi Li, MPH, Brown School, Washington University in St. Louis
2019-2020	Liyang Jin, MPH, Brown School, Washington University in St. Louis
2019-2020	Shuai Xu, MPH, Brown School, Washington University in St. Louis
2018-2019	Maureen Cooney, MPH, Department of Kinesiology and Community Health, University of Illinois
2018-2019	Kevin Domagala, MPH, Department of Kinesiology and Community Health, University of Illinois
2018-2019	Teresa Radosevich, MPH, Department of Kinesiology and Community Health, University of Illinois
2018-2019	Libeth Rosas, MPH, Department of Kinesiology and Community Health, University of Illinois
2018-2019	Passang Gonrong, MPH, Department of Kinesiology and Community Health, University of Illinois
2018-2019	Victoria Harris, MPH, Department of Kinesiology and Community Health, University of Illinois
2018-2019	Kaitlin Krumwiede, MPH, Department of Kinesiology and Community Health, University of Illinois
2018-2019	Owolabi Tomide, MPH, Department of Kinesiology and Community Health, University of Illinois
2018-2019	Angela Caselli, MPH, Department of Kinesiology and Community Health, University of Illinois
2017-2018	Prachi Patel, MPH, Department of Kinesiology and Community Health, University of Illinois
2017-2018	Olatomide Owolabi, MPH, Department of Kinesiology and Community Health, University of Illinois
2017	Rachel Cohen, MPH, Department of Kinesiology and Community Health, University of Illinois
2017	Lyana Delgado, MPH, Department of Kinesiology and Community Health, University of Illinois
2017	Marissa Dent, MPH, Department of Kinesiology and Community Health, University of Illinois
2017	Edward Lam, MPH, Department of Kinesiology and Community Health, University of Illinois
2017	Cristina Martinez-Singh, MPH, Department of Kinesiology and Community Health, University of Illinois
2017	Eileen Ngo, MPH, Department of Kinesiology and Community Health, University of Illinois
2017	Brian Plotner, MPH, Department of Kinesiology and Community Health, University of Illinois
2016	Taylor Peterson, MPH, Department of Kinesiology and Community Health, University of Illinois
2015-2016	Jennifer Kraak, MPH, Department of Kinesiology and Community Health, University of Illinois
2015-2016	Elizabeth Hardt, MPH, Department of Kinesiology and Community Health, University of Illinois
2015-2016	Alexandria Weston, MPH, Department of Kinesiology and Community Health, University of Illinois
2015-2016	Grace Maurer, MPH, Department of Kinesiology and Community Health, University of Illinois
2015-2016	Sulagna Chakraborty, MPH, Department of Kinesiology and Community Health, University of Illinois
2015	Shashank Saxena, MPH, Department of Kinesiology and Community Health, University of Illinois
2013-2014	Huichen Zhu, MS, Department of Statistics, University of Illinois

Bachelor's Student Supervisor

2022-Present	Logan Zhang, BS, James McKelvey School of Engineering, James McKelvey School of Engineering
2021-2022	Chris Byron, BS, Department of Psychological and Brain Sciences, Washington University in St. Louis
2018-2019	Sophia Platcow, BS, Department of Kinesiology and Community Health, University of Illinois
2018-2019	Jack Hamman, BS, Department of Kinesiology and Community Health, University of Illinois
2017-2018	Xinye Li, BS, Department of Mathematics, University of Illinois

Visiting Scholar Supervisor

2024-	Jindong Chang, Southwest University, visiting Washington University
2023-	Xiaoxin Wang, Tsinghua University, visiting Washington University
2022-	Fan Yang, Dongbei University of Finance and Economics, visiting Washington University
2018-2020	Ruidong Liu, Tsinghua University, visiting University of Illinois and Washington University
2018-2020	Jianxiu Liu, Hunan University, visiting University of Illinois and Washington University

2018-2019	Na Xu, Shanghai University, visiting University of Illinois and Washington University
2017-2018	Nan Chen, Tsinghua University, visiting University of Illinois
2017-2019	Zui Chen, Hunan University, visiting University of Illinois
2017-2019	Jing Shen, Beijing Sport University, visiting University of Illinois
2017-2018	Qiuying Yang, Central China Normal University, visiting University of Illinois
2016-2017	Sheng Zhang, Shanghai University of Sport, visiting University of Illinois
2016-2017	Xuelian Shi, Nanjing Sport Institute, visiting University of Illinois
2015-2016	Hua Chen, Guangzhou Sport University, visiting University of Illinois
2013-2014	Jiakun Zheng, Shanghai University of Sport, visiting University of Illinois

SCHOOL/DEPARTMENTAL & UNIVERSITY SERVICE

Washington University in St. Louis

2023-Present	Washington University Brown School Biostatistics/epimiology Specialization Interim Chair
2023-Present	Washington University Brown School Global Teaching and Research Committee, Member
2023-Present	Washington University Brown School Master of Public Health Committee, Member
2022-Present	Washington University Digital Transformation Committee, Member
2022-Present	Washington University Marketing and Communications Committee, Member
2022-Present	Washington University Brown School Master of Social Policy Committee, Member
2021-Present	Washington University Brown School Certificate Program “Artificial Intelligence and Big Data Analytics for Public Health,” Chair
2021-Present	Washington University Brown School Doctoral Programs, Faculty Lead in Data Science
2021-Present	Washington University Brown School Open Classroom Series “Artificial Intelligence in the Social Sciences”
2021-Present	Washington University Strategic Planning Committee, Working Group for Climate Change, Environment and Sustainability (CCES)
2020-2021	Washington University Brown School Strategic Planning Committee, Co-lead in Global Teaching and Research
2020-Present	PhD in Public Health Sciences Admission Committee, Brown School
2021	Joint Faculty Search Committee, McKelvey School of Engineering and Brown School
2020	Mask donation and delivery program at Brown School. The program collected masks from Brown School's Chinese community and delivered those masks to those most in need of personal and familial protection against the COVID-19 infection. The program delivered over 1,500 masks to approximately 150 students, faculty, and staff at Brown School
2020	Panel discussions on COVID-19 at Brown School and College of Arts & Sciences. I served as a panelist on the two panel discussions, which aimed to disseminate COVID-19-related information and knowledge, address the audience's questions and concerns, and solicit suggestions for designing and implementing policy countermeasures at the School/College and University level to mitigate the adverse impact of COVID-19
2020	Focus group studies on COVID-19 at Brown School. In collaboration with Linyun Fu, I conducted four focus group studies with a total of 50 Chinese students at Brown School. The focus group studies were conducted when COVID-19 broke out in Wuhan and started to spread to other places in China. The studies aimed to evaluate Chinese students' concerns, challenges, potential discrimination and xenophobia experiences, and overall wellbeing under COVID-19; assess their needs; link those in need to resources at the School and University; (4) inform policy countermeasures at the School and University level; and strengthen the sense of belonging and encourage leadership
2020-Present	Global Advisory Committee, Brown School
2019-Present	Meta-analysis consultation services at Brown School. In collaboration with Brown School Library, I have offered meta-analysis consultation services supplementary to the Library's existing systematic review consultation services. The meta-analysis consultation services include: quantitative data extraction from the literature; effect size calculation and transformation; meta-analysis; meta-regression; and publication bias inspection, test, and correction

University of Illinois at Urbana-Champaign

2018-2019	Founding Director, International Graduate Academic Training Program (GATP). GATP aimed to broaden the academic horizons of the master's and doctoral students in health, sports, and related disciplines through a month-long systematic and rigorous academic training, and to improve their scientific research and academic publishing capacity
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2018-2019	Founding Director, International Graduate Mentors Program (IGMP). The goal of IGMP is to build program participants' capacity in conducting independent research and publishing articles in international peer-reviewed journals through semester-long rigorous and intensive academic training
2018-2019	Alleged Capricious Grading Committee, College of Applied Health Sciences
2018	Ad Hoc Committee on Developing a Core Sequence in Methods and Statistics, College of Applied Health Sciences
2018	Rehabilitation Counseling Faculty Search Committee, Department of Kinesiology and Community Health
2018	Graduate College Conference Travel Awards Committee, Department of Kinesiology and Community Health
2017-2019	Elections and Credentials Committee, College of Applied Health Sciences
2017-2019	University Senator
2017-2018	Education Policy Committee, Department of Kinesiology and Community Health
2017	Public Health Faculty Search Committee, Department of Kinesiology and Community Health
2016	Urban and Local Food Production Systems Faculty Search Committee, Department of Crop Sciences
2016	Health, Technology and Aging Faculty Search Committee, Department of Kinesiology and Community Health
2016	Fulbright Program Application Review Committee, National and International Scholarships Program
2016-2019	Honors and Awards Committee, Department of Kinesiology and Community Health
2016-2019	MPH Program Coordinator Search Committee, Department of Kinesiology and Community Health
2016-2019	Community Health Undergraduate Curriculum Committee, Department of Kinesiology and Community Health
2015-2019	Community Health Ph.D. Program Advisory Committee, Department of Kinesiology and Community Health
2015-2019	CEPH Accreditation Advisory Committee, Master of Public Health Program
2013-2019	BS-MPH Admission Committee, Master of Public Health Program

NON-FACULTY POSITIONS HELD

2013-2014	Adjunct Researcher, RAND Corporation
2008-2013	Assistant Policy Analyst, RAND Corporation
2010-2013	Teaching Assistant, Pardee RAND Graduate School
2010-2013	Vice President, Peking University Alumni Association of Southern California
2011	Summer Intern, Amgen, Department of Global Health Economics