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EDUCATION

- 2001 - 2003 **Postdoctoral fellowship** (Nutritional Epidemiology)
Carolina Population Center
University of North Carolina at Chapel Hill
Mentor: Dr. Barry M. Popkin
- 1996 **Doctor of Philosophy**
Epidemiology
Tongji Medical College, Huazhong University of Science and Technology
Thesis: Etiology and survival analysis of prostate cancer in Wuhan, China
Advisors: Drs. Shangpu He and Luyuan Shi
- 1990 **Master of Science**
Biostatistics
Tongji Medical College, Huazhong University of Science and Technology
Thesis: Epidemiological study on the risk factors of postpartum hemorrhage
Advisor: Dr. Xiaoxian Liu
- 1987 **Doctor of Medicine**
Tongji Medical College, Huazhong University of Science and Technology

PROFESSIONAL EXPERIENCE

- 2021 - present **Professor**
Department of Nutrition, University of North Carolina at Chapel Hill
- 2015 - 2021 **Associate Professor**
Department of Nutrition, University of North Carolina at Chapel Hill
- 2008 - 2015 **Assistant Professor**
Department of Nutrition, University of North Carolina at Chapel Hill
- 2004 – 2008 **Project and Data Manager**
Carolina Population Center, University of North Carolina at Chapel Hill

- 2001 – 2004 **Research Associate**
Carolina Population Center, University of North Carolina at Chapel Hill
- 1999 – 2001 **Associate Chair, Chair**
Department of Public Health Nutrition
Institute of Nutrition and Food safety, China Centers for Disease Control and
Prevention, Beijing, China
- 1998 – 2001 **Associate Professor**
Institute of Nutrition and Food safety, China Centers for Disease Control and
Prevention, Beijing, China
- 1996 – 1998 **Assistant Professor**
Institute of Nutrition and Food safety, China Centers for Disease Control and
Prevention, Beijing, China
- 1990 – 1996 **Junior Faculty Member**
Department of Biostatistics and Epidemiology
Tongji Medical College, Huazhong University of Science and Technology

MEMBERSHIPS

- 2008 – present Member, American Society for Nutrition
2008 – present Member, The Obesity Society

BIBLIOGRAPHY

Books and Chapters

1. Zhang B., Wang H., **Du Shufa**. (2021) China Health and Nutrition Survey, 1989–2019. In: Gu D., Dupre M.E. (eds) Encyclopedia of Gerontology and Population Aging. Springer, Cham. https://doi.org/10.1007/978-3-030-22009-9_979
2. Mendez MA, **Du Shufa**, and Popkin BM. (2004). Urbanization, income and the nutrition transition in China: a case study. In: Globalization of food systems in developing countries: impact on food security and nutrition. FAO Food and Nutrition Paper 83. Rome, FAO, PP169-194.
3. **Du Shufa**, Lu B, Zhai F, and Popkin BM. (2002). The nutrition transition in China: a new stage of the Chinese diet. In: The Nutrition Transition: Diet-Related Diseases in the Modern World. (Caballero B and Popkin BM eds.) London, Academic Press, PP205-221.
4. **Du Shufa**. (1999). Growth and development of children and adolescents of 0-18 years old. In: The Dietary and Nutritional Status of Chinese Population B Children and Adolescents. Volume 2. (Ge K ed.) Beijing, People's Medical Publishing House. PP12-24.

5. **Du Shufa** and Shi L. (1998). Progress of epidemiological study on prostate cancer: A review. In Li Zhu ed. Progress of Epidemiology, volume 9. Beijing, China Science and Technique Publishing House. PP71-86.
6. **Du Shufa**. (1992). Introduction to SAS software. In: SAS and Medical Data Analysis. (Liu X, ed.) Wuhan, Publishing House of Tongji Medical University. PP1-17.

Peer-reviewed publications (* students)

1. Nita Gandhi Forouhi, Chunxiao Li; Tom RP Bishop; Fumiaki Imamura; Stephen J Sharp; Matthew Pearce; Soren Brage; Ken K Ong; Habibual Ahsan; Maira Bes-Rastrollo; Joline WJ Beulens; Nicole den Braver; Liisa Byberg; Scheine Canhada; Zhengming Chen; Hsin-Fang Chung; Adrian Cortés-Valencia; Luc Djousse; Jean-Philippe Drouin-Chartier; Huaidong Du; **Shufa Du**; Bruce B Duncan; J Michael Gaziano; Penny Gordon-Larsen; Atsushi Goto; Fahimeh Haghighatdoost; Tommi Härkänen; Maryam Hashemian; Frank B Hu; Gail Ichida; Till Ittermann; Ritva Järvinen; Maria G Kakkoura; Nithya Neelakantan; Paul Knekt; Martin Lajous; Yanping Li; Dianna J Magliano; Reza Malekzadeh; Loic Le Marchand; Pedro Marques-Vidal; Miguel A Martinez-Gonzalez; Gertraud Maskarinec; Gita D Mishra; Noushin Mohammadifard; Gráinne O'Donoghue; Donal O'Gorman; Barry Popkin; Hossein Poustchi; Nizal Sarrafzadegan; Norie Sawada; Maria Inês Schmidt; Jonathan E Shaw; Sabita Soedamah-Muthu; Dalia Stern; Lin Tong; Rob M van Dam; Henry Völzke; Walter C Willett; Alicja Wolk; Canqing Yu; EPIC-InterAct Consortium; Nita G Forouhi; Nicholas J Wareham Meat consumption and incident type 2 diabetes: a federated meta-analysis of 1·97 million adults with 100,000 incident cases from 31 cohorts in 18 countries. The Lancet, in press.
2. Suzuki K, Hatzikotoulas K, Southam L, Taylor HJ, Yin X, Lorenz KM, Mandla R, Huerta-Chagoya A, Melloni GEM, Kanoni S, Rayner NW, Bocher O, Arruda AL, Sonehara K, Namba S, Lee SSK, Preuss MH, Petty LE, Schroeder P, Vanderwerff B, Kals M, Bragg F, Lin K, Guo X, Zhang W, Yao J, Kim YJ, Graff M, Takeuchi F, Nano J, Lamri A, Nakatochi M, Moon S, Scott RA, Cook JP, Lee JJ, Pan I, Taliun D, Parra EJ, Chai JF, Bielak LF, Tabara Y, Hai Y, Thorleifsson G, Grarup N, Sofer T, Wuttke M, Sarnowski C, Gieger C, Nounsme D, Trompet S, Kwak SH, Long J, Sun M, Tong L, Chen WM, Nongmaithem SS, Noordam R, Lim VJY, Tam CHT, Joo YY, Chen CH, Raffield LM, Prins BP, Nicolas A, Yanek LR, Chen G, Brody JA, Kabagambe E, An P, Xiang AH, Choi HS, Cade BE, Tan J, Broadaway KA, Williamson A, Kamali Z, Cui J, Thangam M, Adair LS, Adeyemo A, Aguilar-Salinas CA, Ahluwalia TS, Anand SS, Bertoni A, Bork-Jensen J, Brandslund I, Buchanan TA, Burant CF, Butterworth AS, Canouil M, Chan JCN, Chang LC, Chee ML, Chen J, Chen SH, Chen YT, Chen Z, Chuang LM, Cushman M, Danesh J, Das SK, de Silva HJ, Dedoussis G, Dimitrov L, Doumatey AP, **Du Shufa**, Duan Q, Eckardt KU, Emery LS, Evans DS, Evans MK, Fischer K, Floyd JS, Ford I, Franco OH, Frayling TM, Freedman BI, Genter P, Gerstein HC, Giedraitis V, González-Villalpando C, González-Villalpando ME, Gordon-Larsen P, Gross M, Guare LA, Hackinger S, Hakaste L, Han S, Hattersley AT, Herder C, Horikoshi M, Howard AG, Hsueh W, Huang M, Huang W, Hung YJ, Hwang MY, Hwu CM, Ichihara S, Ikram MA, Ingelsson M, Islam MT, Isono M, Jang HM, Jasmine F, Jiang G, Jonas JB, Jørgensen T, Kamanu FK, Kandeel FR, Kasturiratne A, Katsuya T, Kaur V, Kawaguchi T, Keaton JM, Kho AN, Khor CC, Kibriya MG, Kim DH, Kronenberg F, Kuusisto J, Läll K, Lange LA, Lee KM, Lee MS, Lee NR, Leong A, Li L, Li Y, Li-Gao R,

- Ligthart S, Lindgren CM, Linneberg A, Liu CT, Liu J, Locke AE, Louie T, Luan J, Luk AO, Luo X, Lv J, Lynch JA, Lyssenko V, Maeda S, Mamakou V, Mansuri SR, Matsuda K, Meitinger T, Melander O, Metspalu A, Mo H, Morris AD, Moura FA, Nadler JL, Nalls MA, Nayak U, Ntalla I, Okada Y, Orozco L, Patel SR, Patil S, Pei P, Pereira MA, Peters A, Pirie FJ, Polikowsky HG, Porneala B, Prasad G, Rasmussen-Torvik LJ, Reiner AP, Roden M, Rohde R, Roll K, Sabanayagam C, Sandow K, Sankareswaran A, Sattar N, Schön herr S, Shahriar M, Shen B, Shi J, Shin DM, Shojima N, Smith JA, So WY, Stančáková A, Steinthorsdottir V, Stimp AM, Strauch K, Taylor KD, Thorand B, Thorsteinsdottir U, Tomlinson B, Tran TC, Tsai FJ, Tuomilehto J, Tusie-Luna T, Udler MS, Valladares-Salgado A, van Dam RM, van Klinken JB, Varma R, Wacher-Rodarte N, Wheeler E, Wickremasinghe AR, van Dijk KW, Witte DR, Yajnik CS, Yamamoto K, Yamamoto K, Yoon K, Yu C, Yuan JM, Yusuf S, Zawistowski M, Zhang L, Zheng W; VA Million Veteran Program; Raffel LJ, Igase M, Ipp E, Redline S, Cho YS, Lind L, Province MA, Fornage M, Hanis CL, Ingelsson E, Zonderman AB, Psaty BM, Wang YX, Rotimi CN, Becker DM, Matsuda F, Liu Y, Yokota M, Kardia SLR, Peyser PA, Pankow JS, Engert JC, Bonnefond A, Froguel P, Wilson JG, Sheu WHH, Wu JY, Hayes MG, Ma RCW, Wong TY, Mook-Kanamori DO, Tuomi T, Chandak GR, Collins FS, Bharadwaj D, Paré G, Sale MM, Ahsan H, Motala AA, Shu XO, Park KS, Jukema JW, Cruz M, Chen YI, Rich SS, McKean-Cowdin R, Grallert H, Cheng CY, Ghanbari M, Tai ES, Dupuis J, Kato N, Laakso M, Köttgen A, Koh WP, Bowden DW, Palmer CNA, Kooner JS, Kooperberg C, Liu S, North KE, Saleheen D, Hansen T, Pedersen O, Wareham NJ, Lee J, Kim BJ, Millwood IY, Walters RG, Stefansson K, Ahlqvist E, Goodarzi MO, Mohlke KL, Langenberg C, Haiman CA, Loos RJJ, Florez JC, Rader DJ, Ritchie MD, Zöllner S, Mägi R, Marston NA, Ruff CT, van Heel DA, Finan S, Denny JC, Yamauchi T, Kadowaki T, Chambers JC, Ng MCY, Sim X, Below JE, Tsao PS, Chang KM, McCarthy MI, Meigs JB, Mahajan A, Spracklen CN, Mercader JM, Boehnke M, Rotter JI, Vujkovic M, Voight BF, Morris AP, Zeggini E. Genetic drivers of heterogeneity in type 2 diabetes pathophysiology. *Nature*. 2024 Mar;627(8003):347-357. doi: 10.1038/s41586-024-07019-6. Epub 2024 Feb 19. PMID: 38374256.
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 4. Spangler HB, Lynch DH, Howard AG, Tien HC, **Du Shufa**, Zhang B, Wang H, Gordon Larsen P, Batsis JA. Association Between Mid-arm Muscle Circumference and Cognitive Function: A Longitudinal Study of Chinese Adults. *J Geriatr Psychiatry Neurol*. 2023 Nov 22:8919887231218087. doi: 10.1177/08919887231218087. Online ahead of print. PMID: 37993115
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J, Kim YJ, Graff M, Takeuchi F, Nano J, Lamri A, Nakatochi M, Moon S, Scott RA, Cook JP, Lee JJ, Pan I, Taliun D, Parra EJ, Chai JF, Bielak LF, Tabara Y, Hai Y, Thorleifsson G, Grarup N, Sofer T, Wuttke M, Sarnowski C, Gieger C, Nounsime D, Trompet S, Kwak SH, Long J, Sun M, Tong L, Chen WM, Nongmaithem SS, Noordam R, Lim VJY, Tam CHT, Joo YY, Chen CH, Raffield LM, Prins BP, Nicolas A, Yanek LR, Chen G, Brody JA, Kabagambe E, An P, Xiang AH, Choi HS, Cade BE, Tan J, Broadaway KA, Williamson A, Kamali Z, Cui J, Adair LS, Adeyemo A, Aguilar-Salinas CA, Ahluwalia TS, Anand SS, Bertoni A, Bork-Jensen J, Brandslund I, Buchanan TA, Burant CF, Butterworth AS, Canouil M, Chan JCN, Chang LC, Chee ML, Chen J, Chen SH, Chen YT, Chen Z, Chuang LM, Cushman M, Danesh J, Das SK, de Silva HJ, Dedoussis G, Dimitrov L, Doumatey AP, **Du Shufa**, Duan Q, Eckardt KU, Emery LS, Evans DS, Evans MK, Fischer K, Floyd JS, Ford I, Franco OH, Frayling TM, Freedman BI, Genter P, Gerstein HC, Giedraitis V, González-Villalpando C, González-Villalpando ME, Gordon-Larsen P, Gross M, Guare LA, Hackinger S, Han S, Hattersley AT, Herder C, Horikoshi M, Howard AG, Hsueh W, Huang M, Huang W, Hung YJ, Hwang MY, Hwu CM, Ichihara S, Ikram MA, Ingelsson M, Islam MT, Isono M, Jang HM, Jasmine F, Jiang G, Jonas JB, Jørgensen T, Kandeel FR, Kasturiratne A, Katsuya T, Kaur V, Kawaguchi T, Keaton JM, Kho AN, Khor CC, Kibriya MG, Kim DH, Kronenberg F, Kuusisto J, Läll K, Lange LA, Lee KM, Lee MS, Lee NR, Leong A, Li L, Li Y, Li-Gao R, Lithgart S, Lindgren CM, Linneberg A, Liu CT, Liu J, Locke AE, Louie T, Luan J, Luk AO, Luo X, Lv J, Lynch JA, Lyssenko V, Maeda S, Mamakou V, Mansuri SR, Matsuda K, Meitinger T, Metspalu A, Mo H, Morris AD, Nadler JL, Nalls MA, Nayak U, Ntalla I, Okada Y, Orozco L, Patel SR, Patil S, Pei P, Pereira MA, Peters A, Pirie FJ, Polikowsky HG, Porneala B, Prasad G, Rasmussen-Torvik LJ, Reiner AP, Roden M, Rohde R, Roll K, Sabanayagam C, Sandow K, Sankareswaran A, Sattar N, Schönherr S, Shahriar M, Shen B, Shi J, Shin DM, Shojima N, Smith JA, So WY, Stančáková A, Steinthorsdottir V, Stilp AM, Strauch K, Taylor KD, Thorand B, Thorsteinsdottir U, Tomlinson B, Tran TC, Tsai FJ, Tuomilehto J, Tusie-Luna T, Udler MS, Valladares-Salgado A, van Dam RM, van Klinken JB, Varma R, Wachter-Rodarte N, Wheeler E, Wickremasinghe AR, van Dijk KW, Witte DR, Yajnik CS, Yamamoto K, Yamamoto K, Yoon K, Yu C, Yuan JM, Yusuf S, Zawistowski M, Zhang L, Zheng W; VA Million Veteran Program; AMED GRIFIN Diabetes Initiative Japan; Biobank Japan Project; Penn Medicine BioBank; Regeneron Genetics Center; eMERGE Consortium; International Consortium for Blood Pressure (ICBP); Meta-Analyses of Glucose and Insulin-Related Traits Consortium (MAGIC); Raffel LJ, Igase M, Ipp E, Redline S, Cho YS, Lind L, Province MA, Fornage M, Hanis CL, Ingelsson E, Zonderman AB, Psaty BM, Wang YX, Rotimi CN, Becker DM, Matsuda F, Liu Y, Yokota M, Kardina SLR, Peyser PA, Pankow JS, Engert JC, Bonnefond A, Froguel P, Wilson JG, Sheu WHH, Wu JY, Hayes MG, Ma RCW, Wong TY, Mook-Kanamori DO, Tuomi T, Chandak GR, Collins FS, Bharadwaj D, Paré G, Sale MM, Ahsan H, Motala AA, Shu XO, Park KS, Jukema JW, Cruz M, Chen YI, Rich SS, McKean-Cowdin R, Grallert H, Cheng CY, Ghanbari M, Tai ES, Dupuis J, Kato N, Laakso M, Köttgen A, Koh WP, Bowden DW, Palmer CNA, Kooner JS, Kooperberg C, Liu S, North KE, Saleheen D, Hansen T, Pedersen O, Wareham NJ, Lee J, Kim BJ, Millwood IY, Walters RG, Stefansson K, Goodarzi MO, Mohlke KL, Langenberg C, Haiman CA, Loos RJJ, Florez JC, Rader DJ, Ritchie MD, Zöllner S, Mägi R, Denny JC, Yamauchi T, Kadowaki T, Chambers JC, Ng MCY, Sim X, Below JE, Tsao PS, Chang KM, McCarthy MI, Meigs JB, Mahajan A, Spracklen CN, Mercader JM, Boehnke M, Rotter JI, Vujkovic M, Voight BF, Morris AP,

- Zeggini E. Multi-ancestry genome-wide study in >2.5 million individuals reveals heterogeneity in mechanistic pathways of type 2 diabetes and complications. medRxiv. 2023 Mar 31;2023.03.31.23287839. doi: 10.1101/2023.03.31.23287839. Preprint. PMID: 37034649; PMCID: PMC10081410.
7. Lynch DH, Howard AG, Tien HC, **Du Shufa**, Zhang B, Wang H, Gordon-Larsen P, Batsis JA. (2023). Association Between Weight Status and Rate of Cognitive Decline: China Health and Nutrition Survey 1997-2018. *J Gerontol A Biol Sci Med Sci*. 2023 Feb 9;glad051. doi: 10.1093/gerona/glad051. Epub ahead of print. PMID: 36754372.
 8. Liu M*, Wang H, **Du Shufa**, Jiao Y, Wang Q, Su C, Zhang B, Ding G. Trajectories of Meat Intake and Risk of Type 2 Diabetes: Findings from the China Health and Nutrition Survey (1997-2018). *Nutrients*. 2023 Jul 24;15(14):3277. doi: 10.3390/nu15143277. PMID: 37513694 ; PMCID: PMC10385415.
 9. Zhang X, Na X, Wang Y, **Du Shufa**, Zhao A, Liang W. Dynamic Changes in Dietary Guideline Adherence and Its Association with All-Cause Mortality among Middle-Aged Chinese: A Longitudinal Study from the China Health and Nutrition Survey. *Nutrients*. 2023 Mar 14;15(6):1401. doi: 10.3390/nu15061401. PMID: 36986130; PMCID: PMC10058762.
 10. Wang Q*, Song X, **Du Shufa**, Du W, Su C, Zhang J, Zhang X, Jia X, Ouyang Y, Li L, Zhang B, Wang H. (2023). Multiple Trajectories of Body Mass Index and Waist Circumference and Their Associations with Hypertension and Blood Pressure in Chinese Adults from 1991 to 2018: A Prospective Study. *Nutrients*. 2023 Feb 2;15(3):751. doi: 10.3390/nu15030751. PMID: 36771457; PMCID: PMC9919034.
 11. **Du Shufa**, Beck MA, Popkin BM, Alghaith T, Herbst CH, Green WD, Alsukait RF, Alluhidan M, Shekar M, and Alazemi N. Impact of Obesity on COVID-19: A Review of the Evidence. In *Overweight and Obesity in Saudi Arabia: Consequences and Solutions*. August 2022, 85-103. https://elibrary.worldbank.org/doi/pdf/10.1596/978-1-4648-1828-8_ch6
 12. Lynch D, Howard AG, Tien HC, **Du Shufa**, Zhang B, Wang H, Gordon-Larsen P, Batsis J. ASSOCIATION OF MID UPPER ARM CIRCUMFERENCE AND COGNITION: A POPULATION-BASED COHORT STUDY. *Innov Aging*. 2022 Dec 20;6(Suppl 1):81–2. doi: 10.1093/geroni/igac059.327. PMCID: PMC9766668.
 13. Wang Q*, Song X, **Du Shufa**, Du W, Su C, Zhang J, Zhang X, Zhang B, Wang H. (2022). Waist Circumference Trajectories in Relation to Blood Pressure and the Risk of Hypertension in Chinese Adults. *Nutrients*. 2022 Dec 9;14(24):5260. doi: 10.3390/nu14245260. PMID: 36558419; PMCID: PMC9782435.
 14. Zhang X*, Wang Y, Huang F, Zhang B, Wang Z, **Du Shufa**, Wang H. (2022). Multiple trajectories of any intensities of physical activity are better than sustained sedentary time on improving waist circumference and body mass index among Chinese adults: China Health and Nutrition Survey, 2004-2018. *Nutr Res*. 2022 Nov;107:1-11. doi: 10.1016/j.nutres.2022.08.004. Epub 2022 Aug 25. PMID: 36156350; PMCID: PMC10026591.
 15. Cyr-Scully A*, Howard AG, Sanzone E, Meyer KA, **Du Shufa**, Zhang B, Wang H, Gordon-Larsen P. (2022). Characterizing the urban diet: development of an urbanized diet index. *Nutr J*. 2022 Sep 9;21(1):55. doi: 10.1186/s12937-022-00807-8. PMID: 36085037; PMCID: PMC9463720.
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 19. Yang XL, Ouyang YF, Zhang XF, Su C, Bai J, Zhang B, Hong ZX, **Du Shufa**, Wang HJ. (2022). Waist Circumference of the Elderly over 65 Years Old in China Increased Gradually from 1993 to 2015: A Cohort Study. *Biomed Environ Sci*. 2022 Jul 20;35(7):604-612. doi: 10.3967/bes2022.080. PMID: 35945175; PMCID: PMC10023151.
 20. Mo Z*, Wang H, Zhang B, Ding G, Popkin BM, **Du Shufa**. (2022). The Effects of Physical Activity and Sedentary Behaviors on Overweight and Obesity among Boys may Differ from those among Girls in China: An Open Cohort Study. *J Nutr*. 2022 May 5;152(5):1274-1282. doi: 10.1093/jn/nxab446. PMID: 35018425; PMCID: PMC9071318.
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Refereed published presentations and abstracts (* Student)

1. Xuan L*, Huang F, Wang Z, Wang H, Adair A, **Du Shufa**. Developing a Diet Quality Index To Understand Secular and Age Trends in Dietary Quality and Habits Among Chinese Children and Adults. The American Society for Nutrition 2023. July 22 – 25. Boston, MA. Poster presentation.
2. Liu L, Chen S, Zhou T, Wang H, Zhang B, Howard AG, **Du Shufa**. Arsenic exposure increases the risk of mild cognitive impair and dementia. 22nd IUNS-ICN International Congress of Nutrition in Tokyo, Japan, Dec. 6 – 11, 2022.
3. Liping Liu, Jiachen Shi, Tianhui Zhou, Huijun Wang, Bing Zhang, Aaron Monds, Shufa Du. Kidney injury molecule-1 may be a good maker for diabetes-induced kidney damage. 22nd IUNS-ICN International Congress of Nutrition in Tokyo, Japan, Dec. 6 – 11, 2022.
4. Baiyu Qi*, Ruyue Zhang, Shuyang Yao, Laura M Thornton, Annie Green Howard, Penny Gordon-larsen, Shufa Du, Huijun Wang, Bing Zhang, Cynthia M Bulik, Kari E North and Melissa A Munn-Chernoff. Abstract P014: Disordered Eating And Cardiometabolic Risks In Chinese Women: The China Health And Nutrition Survey. Originally published 7 Apr 2022 https://doi.org/10.1161/circ.145.suppl_1.P014 Circulation. 2022;145:AP014.
5. **Du Shufa**, Liu L, Wang H, Zhang B, Popkin BM. Arsenic in the pathway to cardiovascular diseases: Arsenic may mediate lipid profile in adults. The American Society for Nutrition 2020. May 30 – June 2. Seattle, WA. Poster presentation.
6. Howard A, Fodor A, Sun S, Wang Y, Matthew T, **Du Shufa**, Wang H, Gordon-Larsen P. Association Between Urbanization-related Change in Diet, the Gut Microbiota and Microbiome-related Metabolites in a Rapidly Urbanizing Environment in China. *Circulation*. 2020. 141. 10.1161/circ.141.suppl 1. P211.
7. Liu Z*, Su C, Wang H, Zhang B, Liu L, Popkin BM, **Du Shufa**. Elevated Serum Ferritin Level Increases the Risk of Type 2 Diabetes in Chinese Population. The Obesity Society 2019. Nov 4 – 8, Las Vegas, NV. Poster presentation (Student's work directed by me).
8. **Du Shufa**, Liu Z, Su C, Wang H, Zhang B, Liu L, Popkin BM. Elevated Serum Ferritin Level Increases the Risk of Type 2 Diabetes in Chinese Population. The 11th Asia Pacific Conference on Clinical Nutrition and 14th China Nutrition Science Congress, Sept 19 – 22, 2019. Nanjing, China. Invited speaker.

9. Patel J*. Liu L, **Du Shufa**. Low to moderate arsenic exposure may not increase the risk of incident hypertension. The American Society for Nutrition 2019. June 7 – 12. Baltimore MD. Poster presentation (Student's work directed by me).
10. Liu L*, Lin G, Wang H, Zhang B, **Du Shufa**. Selenium exposure and incident hypertension among Chinese adults. The American Society for Nutrition 2019. June 7 – 12. Baltimore MD. Poster presentation.
11. Mo Z*, Wang H, Zhang B, **Du Shufa**, Popkin BM. Physical activity and sedentary behaviors on risk of overweight and obesity in Chinese children and adolescents. The American Society for Nutrition 2019. June 7 – 12. Baltimore MD. Poster presentation.
12. Wang L, **Du Shufa**, Wang H, Popkin BM. Influence of dietary fat intake on bodyweight and risk of obesity among Chinese adults, 1991–2015: a prospective cohort study. *Lancet* 392 Suppl 20. October 01, 2018. Published Abstracts. DOI: [https://doi.org/10.1016/S0140-6736\(18\)32649-7](https://doi.org/10.1016/S0140-6736(18)32649-7).
13. **Du Shufa**, Wang L, Wang H, Popkin BM. High-fat diet increases body weight and the risk of overweight and obesity among Chinese adults. The American Society for Nutrition 2018. June 9 – 12. Boston MA. Oral presentation.
14. **Du Shufa**, Liu L, Wang H, Mendez MA, Popkin BM. Low manganese may increase the risk of diabetes in Chinese adults. The 21st International Congress of Nutrition. October 15 – 20, 2017. Buenos Aires, Argentina. Poster presentation.
15. Wang H, Zhang B, **Du Shufa**. The influence of urbanization on overweight and obesity of 7-17 years in China. The Obesity Society 2016. Oct. 31 – Nov 5. New Orleans, LA. Poster presentation.
16. **Du Shufa**, Mendez MA, Liu L, Wang H, Popkin BM. Moderate increased cadmium and selenium may lower the risk of diabetes. The Obesity Society 2015. Nov. 2 – 7. Los Angeles, CA. Poster presentation.
17. Howard AG, Herring A, **Du Shufa**, Popkin B, Gordon-Larsen P. (2015). The role of rapid lifestyle urbanization-related lifestyle trajectories across 18 years in modernizing China in the pathway to BMI. The Obesity Society 2015. Nov. 2 – 7. Los Angeles, CA. Poster presentation.
18. Wang D, Piernas C*, **Du Shufa**, Zhang B, Popkin BM. Association between cardiometabolic risk factors and dietary nutrient intakes in Chinese school-aged children: a cross-sectional study. *Lancet* 386 Suppl 65. October 01, 2015. Published Abstracts. DOI: [https://doi.org/10.1016/S0140-6736\(15\)00646-7](https://doi.org/10.1016/S0140-6736(15)00646-7)
19. **Du Shufa**, Zhou Y*, Su C, Zhang B, Wang H, Popkin BM. The food retail revolution in China and its association with diet and health. Chinese Nutrition Society 2015. May 16 – 19. Beijing, China. Invited oral presentation.
20. **Du Shufa**, Zhang B, Wang H, Popkin BM. Fetal exposure to the great Chinese famine may cause hyperlipidemia in Adulthood. Experimental Biology 2015. March 27 – April 2. Boston, MA. Poster presentation.
21. Liu L, Li X, Zhang N, **Du Shufa**. Selenium surveillance: a new option for China by examine selenium contents in major sources of the Chinese diet. Experimental Biology 2015. March 27 – April 2. Boston, MA. Poster presentation.
22. Wang H, Zhang B, **Du Shufa**, Popkin BM. Micronutrient deficiencies are still common among Chinese children and adolescents. Experimental Biology 2015. March 27 – April 2. Boston, MA. Poster presentation.

23. Howard AG, Gordon-Larsen P, Herring A, Du S and Popkin M. Abstract 62: The Role of Physical Activity in the Hypertension Pathway: A longitudinal pathway-based analysis across 18 years in modernizing China. https://doi.org/10.1161/circ.129.suppl_1.62 Circulation. 2014;129:A62
24. **Du Shufa**, Du W, Zhang B, Wang H, Popkin BM. (2014). Dietary behaviors are rapidly changing in China, 1991 – 2011. Experimental Biology 2014. April 26 – 30. San Diego, CA. Poster presentation.
25. Wang H, Zhang B, **Du Shufa**. (2014). Trends of body mass index among children and adolescents in China: 1997 – 2011. Experimental Biology 2014. April 26 – 30. San Diego, CA. Poster presentation.
26. Liu L*, Li X, Li Y, **Du Shufa**. (2014). Determination of iodine contents in breast milk and dairy products by Inductively Coupled Plasma Mass Spectrometry. Experimental Biology 2014. April 26 – 30. San Diego, CA. Oral presentation.
27. **Du Shufa**, Wang H, Zhang B, Zhai F, and Popkin BM. (2013). China in the period of transition from scarcity and extensive undernutrition to emerging nutrition-related non-communicable diseases, 1949 – 1992. The 20th International Congress of Nutrition. September 15 – 20. Granada, Spain. Invited oral presentation.
28. Zhai F, **Du Shufa**, Wang Z, Zhang J, Du W, and Popkin BM. (2013). Dynamics of the Chinese diet and the role of urbanicity, 1991 – 2011. The 20th International Congress of Nutrition. September 15 – 20. Granada, Spain. Invited oral presentation.
29. Adair LS, Gordon-Larsen P, **Du Shufa**, Zhang B, and Popkin BM. (2013). The emergence of cardiometabolic disease risk in Chinese children and adults: consequences of changes in diet, physical activity and obesity. The 20th International Congress of Nutrition. September 15 – 20. Granada, Spain. Invited oral presentation.
30. **Du Shufa**, Batis C*, Wang H, Zhang B, and Popkin BM. (2013). Sodium, potassium, sodium to potassium ratio and hypertension in China, 1991 – 2009. Experimental Biology 2013. April 20 – 24. Boston, MA. Poster presentation.
31. **Du Shufa**, Batis C*, Neiman A, Wang H, Zhang B, and Popkin BM. (2012). Understanding the patterns and trends of potassium intake and sodium/potassium ratio in China, 1991 – 2009. Experimental Biology 2012. April 21 – 25. San Diego, CA. Oral presentation.
32. **Du Shufa**, and Popkin BM. (2011). Barriers to Physical Activity among Chinese Children and Adolescents, 2000 – 2009. The Obesity Society Annual Meeting. October 1 – 5. Orlando, FL. Poster.
33. Batis C*, **Du Shufa**, Zhang B, Popkin BM. (2011). The independent longitudinal association between BMI and sodium intake and the hazard ratio of hypertension is stronger among Chinese adults at younger ages. The Obesity Society Annual Meeting. October 1 – 5, Orlando, FL. Poster.
34. **Du Shufa**, Zhang J, Wang H, Zhang B, Zhai F, and Popkin BM. (2011). Sodium intake in Chinese adults 1991 – 2009. Experimental Biology 2011. April 9 – 13. Washington DC. Oral presentation.
35. **Du Shufa**, Wang H, Wang X, and Popkin BM. (2010). Longitudinal association between weight reduction and hypertension: China Health and Nutrition Survey, 1991 – 2006. The Obesity Society Annual Meeting. October 8 – 12. San Diego, CA. Poster.
36. **Du Shufa**, Wang H, Wang X, and Popkin BM. (2010). Longitudinal Association between Weight Gain and Hypertension: China Health and Nutrition Survey, 1991 – 2006. Experimental Biology 2010, April 24 – 28. Anaheim, CA. Oral presentation.

37. He K, **Du Shufa**, Xun P, Wang H, and Popkin BM. (2010). Longitudinal Association between Monosodium Glutamate Intake and Risk of Overweight in Chinese Adults: The China Health and Nutrition Survey. Jointly 50th Cardiovascular Disease Epidemiology and Prevention Annual Conference and Nutrition, Physical Activity and Metabolism. March 2 – 5. San Francisco, CA. Poster.
38. Lu AS*, Parvanta SA*, Brown JD, **Du Shufa**, and Zhai F. (2009). Chinese couch potatoes? Trends in TV use, physical activity, and snacking behaviors among Chinese children and adolescents, 2000 – 2006. 137th Annual Meeting & Exposition. November 7 – 11. Philadelphia, PA. Oral presentation.
39. **Du Shufa**, Wang H, and Popkin BM. (2009). Increased weight caused increases in blood pressure and hypertension, China Health and Nutrition Survey, 1991 – 2006. Experimental Biology 2009, April 18 – 22. New Orleans, LA. Poster.
40. Parvanta S*, Brown JD, **Du Shufa**, Zhao X, and Zhai F. (2008). TV Use and Snacking Behaviors among Children and Adolescents in China. 58th Annual Conference of the International Communication Association. May 22 – 26. Quebec, Canada. Oral presentation.
41. **Du Shufa**, Gordon-Larsen, and Popkin BM. (2008). Dynamic Impact of Income Growth on Diet Quality in China, 1989 – 2006: An Update. Experimental Biology 2008, April 5 – 9. San Diego, CA. Oral presentation.
42. **Du Shufa**, Gordon-Larsen P, and Popkin BM. (2007). Longitudinal Association between Fast Food Consumption, Physical Activity, and Screen Time with Changes in Body Mass Index and Obesity during the Transition from Adolescence to Young Adulthood. The Obesity Society Annual Meeting, October 20 – 24. New Orleans, LA. Poster.
43. **Du Shufa**, Wang H, Zhang B, and Zhai F. (2007). Overweight and Obesity among Chinese Children and Adolescents Aged 2 – 18. 10th European Nutrition Conference. July 10 – 13. Paris, France. Poster.
44. Zhai F, Wang H, Zhang B, **Du Shufa**. (2007). Dual Burden of Malnutrition among Chinese Children and Adolescents Aged 2 – 18 Years. 10th European Nutrition Conference. July 10 – 13. Paris, France. Oral Presentation.
45. Zhang B, Wang H, Zhai F, **Du Shufa**. (2007). Prevention of Childhood Anemia in a Poor Mountain Area in China. 10th European Nutrition Conference. July 10 – 13. Paris, France. Oral Presentation.
46. **Du Shufa**, and Gordon-Larsen P. (2006). Walking and Obesity: Findings from the National Longitudinal Study of Adolescent Health. Poster presentation. The Obesity Society Annual Meeting, October 19 – 23. Boston, MA. Poster.
47. **Du Shufa**. (2003). Economic and social change and its effects on dietary behavior of elderly population in China. Poster presentation. Population Association of America Annual Meeting, May 1 – 3. Minneapolis, MN. Poster.
48. **Du Shufa**, Zhai F and Popkin BM. (2003). Changes in physical activity, TV viewing, and diet affect obesity in China: A longitudinal analysis. Poster presentation. Experimental Biology 2003, April 11 – 16. San Diego, CA. Poster.
49. **Du Shufa**, Zhai F, Mroz T, Popkin BM. (2002). Dynamic shifts in the income effects on dietary intake by socioeconomic level, China 1989 – 1997. Experimental Biology 2002, April 20 – 24. New Orleans, LA. Oral presentation.
50. **Du Shufa**, Zhai F, and Popkin BM. (2001). Trends of overweight and obesity among Chinese children. North America Association for the Study of Obesity, October 7 – 10. Quebec, Canada. Oral presentation.

51. **Du Shufa**, Zhai F, and Popkin BM. (2001). Overweight and obesity trends among Chinese children and adolescents. 17th International Congress of Nutrition, August 27 – 31. Vienna, Austria. Oral presentation.
52. Zhai F, Chang S, **Du Shufa**, Wang H, Popkin BM, Ge K. (2001). Patterns, trends and determinants of preschool malnutrition in China. 17th International Congress of Nutrition, August 27 – 31. Vienna, Austria. Oral presentation.
53. **Du Shufa**, Lu B, Zhai F, Popkin BM. (2001). A new stage of the nutrition transition in China. The nutrition transition and its implications for health in the developing world, August 18 – 24. Bellagio, Italy. Oral presentation.
54. Zhai F, Fu D, **Du Shufa**, Ge K, Chen C, Popkin BM. (2001). What is China doing in policy-making to push back the negative aspects of the nutrition transition? The nutrition transition and its implications for health in the developing world, August 18 – 24. Bellagio, Italy. Oral presentation.
55. **Du Shufa**, Zhai F, and Popkin BM. (2001). Secular trends of overweight and obesity among Chinese children and adolescents. Experimental Biology 2001, March 31 – April 4. Orlando, Florida. Poster.
56. Lu B, **Du Shufa**, Zhai F, Popkin BM. (2001). The nutrition transition in China: A new stage of Chinese diet. Experimental Biology 2001, March 31 – April 4. Orlando, Florida. Poster.
57. **Du Shufa**, Zhai F, and Ge K. (2000). The distributions of body mass index in Chinese population. International Obesity Conference, April 20 – 22. Beijing. Oral Presentation.
58. **Du Shufa**, Zhai F, Wang Y, and Popkin BM. (1999). Current methods for estimating bioavailability of dietary iron do not work in China. Experimental Biology 1999, April 17 – 21. Washington DC. Oral Presentation.

TEACHING ACTIVITIES

2023: NUTR 705	Human Nutrition
2018 – present: NUTR 295	Undergraduate Research Experience in Nutrition
2019 – present: NUTR 692	Honors Research in Nutrition
2011 – present: EPID 718	Analytic Methods in Observational Epidemiology
2010 – 2017: PATH 725	Cancer Pathobiology

CONTRACTS AND GRANTS

Current Research Grants

Monitoring Social Change: Health and Human Capital from Childhood to Adulthood (R01 HD30880)

National Institute of Health, NICHD

Principal Investigator: Barry M Popkin & Penny Gordon-Larsen. 06/01/2020 – 5/31/2025

Current Direct Costs: \$2,062,857/year

Role: Co-Principal Investigator and project director

Monitoring Social Change: Dynamics of Aging and Cognitive Function (R01 AG065357)

National Institute of Health, NIA
Principal Investigator: Barry M Popkin & Penny Gordon-Larsen. 04/01/2020 – 01/31/2025
Current Direct Costs: \$2,405,345/year
Role: Co-Principal Investigator and project director

Global Cardiometabolic Disease Training (T32 HL129969)

National Institute of Health, NHLBI
Principal Investigators: Linda Adair & Penny Gordon-Larsen. 8/1/2016 – 7/31/2026
Direct Costs: \$1,113,000/year
Role: Mentor.

Transition to a Western Diet and Cardiometabolic Risk: Biomarkers Derived from the Microbiome Study (R01 DK104371)

National Institute of Health, NIDDK
Principal Investigator: Penny Gordon-Larsen. 9/17/2015 – 6/30/2022.
Direct Costs: \$2,499,213/year.
Role: Co-investigator.

Completed Research Grants

Nutrition-Related NCD Prevention Training in China (D43 TW007709 & D43 TW009077)

National Institute of Health, Fogarty International Center
Principal Investigator: Barry M Popkin. 9/30/2006 – 11/30/2018
Role: Co-Principal Investigator and project director

Monitoring Social Change: Health, Reproduction, Aging (R01 HD30880)

National Institute of Health, NICHD
Principal Investigator: Barry M Popkin. 08/15/1994 – 5/31/2020
Role: Co-Principal Investigator and project director

SERVICES

Department BSPH-MS Committee: Member (2016 – present)

Department Diversity Committee: Member (2015 – present)

Journal Editorial Board

Member, Chinese Journal of School Health (2015 – present)
Member, Associate Editor, International Journal of Behavioral Nutrition and Physical Activity (2011 – present)
Guest Editor, Frontiers in Nutrition (2022 – present)

Ad-Hoc Journal Reviewer

Applied Physiology, Nutrition, and Metabolism (2020 – present)
International Journal of Environmental Research and Public Health (2020 – present)
Nutrients (2020 – present)
Nutrition Research (2020 – present)
Science Progress (2020 – present)
The Lancet Regional Health - Western Pacific (2020 – present)
BMC Nutrition (2019 – present)
Eating Behaviors (2019 – present)
Environment International (2019 – present)
Medical Research Council (2019)
Obesity Reviews (2019 – present)
Preventive Medicine (2019 – present)
Science Bulletin (2019 – present)
Food & Nutrition Research (2018 – present)
Arteriosclerosis, Thrombosis, and Vascular Biology (2017 – present)
Nature Sustainability (2017)
Scientific Reports (2017 – present)
BMJ (2016 – present)
BMJ Open (2016 – present)
Journal of the American Heart Association (2016 – present)
Kidney & Blood Pressure Research (2016)
American Journal of Preventive Medicine (2015 – present)
Biological Trace Element Research (2015 – present)
British Journal of Nutrition (2015 – present)
Plos Medicine (2015 – present)
Public Health Reports (2015)
The Journal of Nutrition (2015 – present)
Journal of Immigrant and Minority Health (2014)
Public Health Nutrition (2013 – present)
Journal of Health Economics (2012 – present)
Journal of Health, Population and Nutrition (2012 – present)
Obesity (2012 – present)
Pediatric Obesity (2012 – present)
Plos One (2012 – present)
Population Research and Policy Review (2012 – present)
Social Science and Medicine (2012 – present)
World Journal of Pediatrics (2012 – present)
International Journal of Behavioral Nutrition and Physical Activity (2011 – present)
Asia-Pacific Journal of Public Health (2004 – present)
Asia-Pacific Journal of Clinical Nutrition (2004 – present)
Circulation (2004 – present)
American Journal of Public Health (2003 – present)