

Ziyue (Brian) Wang, Ph.D.

5858 Ch. de la Côte-des-Neiges, 3rd floor, Montréal, QC H3S 1Z1.

ziyue.wang4@mail.mcgill.ca (+1) 438-529-6150. **Citizenship/Status:** U.S. Permanent ResidentGoogle Scholar: <https://scholar.google.com/citations?hl=en&user=HC7mkqgAAAAJ>.**EDUCATION**

Degree

Department of Family Medicine, McGill University, Québec, Canada	Sep 2020 - Oct 2025
PhD in Family Medicine and Primary Care, Supervisor: Dr. Howard Bergman & Dr. Isabelle Vedel.	
➤ China Center for Health Development Studies, Peking University, Beijing, China	Aug 2017-June 2020
Master of Medicine in Health Policy and Management. Supervisor: Dr. Xiaoyun Liu.	
➤ National School of Development, Peking University, Beijing, China (Double degree)	Aug 2017-June 2020
Bachelor of Economics.	Bachelor of Economics.
➤ School of Public Health, Fudan University, Shanghai, China	Aug 2012-Jul 2017
Bachelor of Medicine (Public Health, equivalent to an MD major in Public Health). Supervisor: Dr. Yingjie Zheng.	

Training

➤ Research Residency, Brocher Foundation, Geneva, Switzerland	Feb 2026 – Apr 2026
Fellowship: Brocher Foundation Residency Program.	
➤ School of Population and Global Health, McGill University, Québec, Canada	Sep 2023 – Apr 2024
Fellowship: Graduate Award Program, Department of Equity, Ethics and Policy (DEEP)	
Summer school: McGill Summer Institutes in Global Health.	Jun 2023
Fellowship: Global Health Scholar, Department of Global and Public Health	Jun 2022 – Jun 2023
➤ Canadian Association for Global Health (CAGH), Ontario, Canada	May 2023 – Feb 2024
Mentorship Program: CAGH MentorNet Training 2023 Cohort	
➤ Shanghai Medical College, Fudan University, Shanghai, China	Aug 2015 - Feb 2016
Internship: The Fifth People's Hospital of Shanghai, Fudan University	
Internship: Shanghai Minhang District Center for Diseases Prevention and Control (CDC)	Feb - June 2017
➤ School of Public Health and Tropical Medicine, Tulane University, New Orleans, LA, USA	Jul 2016
Summer school: Global Health System Management-Health Systems of China: An Applied Perspective.	

RESEARCH EXPERIENCE

Health Policy & System Research

Politics of Care: Grassroots Health Governance and the Moral Economy of Rural China	Jun 2020-Present
Principal Investigator (PI). Advisor: Dr. Isabelle Vedel, Faculty of Medicine and Health Science, McGill University	
➤ Leading a mixed-methods program to theorize the intersection of state power, market logic, and community moral economies in China's rural healthcare system.	
➤ Conducted 11 months of fieldwork in rural Shandong to develop the "co-produced public health authoritarianism," examining how local moral frameworks and state biopower converge to govern marginalized populations.	
➤ Investigated the role of village doctors as "the third sphere" who mediate between state public health mandates and the pragmatic survival instincts of rural communities.	
➤ Developed and validated a novel neo-familist value scale and utilized longitudinal datasets (CLASS, N=11,511) to analyze how "neo-familism" shapes health-seeking behaviors among older adults in rural China.	
➤ Authored a systematic review of qualitative studies in <i>Health Policy and Planning</i> to map the global landscape of elderly healthcare experiences in rural areas of developing nations.	

China-Gates Foundation TB Control Project (Phase III)

Nov 2017-May 2020

Research Team Leader. PI: Dr. Xiaoyun Liu & Dr. Shenglan Tang, Duke Kunshan Global Health Research Center

➤ Led the subproject "New Capacity Building Model for TB Health Workers", evaluating the impact of an e-learning

program implemented for over 16,000 TB health workers in Zhejiang, Jilin, and Ningxia provinces in China.

- Collaborated with top international experts and scholars from universities and NGOs during the study design and field survey, using a DID (Difference in Difference) model to evaluate the causal relationship between the interventions (online training) and the performance of TB health workers (knowledge and behaviors).

A Cohort Study of Medical Graduates with Compulsory Services in Rural Areas

Sep 2017- Sep 2021

Research Assistant. PI: Dr. Xiaoyun Liu, CCHDS, PKUHSC. Sponsor: China Medical Board (CMB)

- Explored career mobility among medical graduates from diverse programs by recruiting over 1,500 graduates - both in and out of a targeted rural admission program - from four medical schools in Midwestern China. Conducted annual telephone follow-ups, culminating in the world's largest cohort study of medical graduates (N = 4,825);
- Interviewed more than 100 key informants including students, teachers, administrators and health facilities, to collect information about their experience, attitude and suggestions on the policy.
- Developed a report and provided policy suggestions on attracting and retaining eligible health workers in rural area.
- Published a methodology paper to identify participants with higher possibility of attrition, and examined if attrition affect the estimation of the key outcome measures ([BMC Medical Research Methodology](#)).

Promoting Equity and Improving Household Economic Productivity Through Cataract Surgery in Rural China: A Cluster-Randomized Controlled Trial

May 2019-May 2022

Research Assistant PI: Dr. Xiaochen Ma, CCHDS, PKUHSC. Sponsor: National Natural Science Foundation of China

- Interviewed 177 older participants in rural area of Handan City, Hebei province to collect information (e.g. health utilization, depression/cognitive impairment, household income/wealth, etc.) and performed data cleaning by Stata.
- Conducted a survival analysis to examine the association between vision impairment and all-cause mortality using the national representative, large open access database in China (The China Health and Retirement Longitudinal Study, CHARLS, N = 15 808; British Journal of Ophthalmology).

Evaluation of the Village-based Digital Health Kiosks Program

Jan 2020 - Jun 2024

Research Assistant PI: Dr. Sean Sylvia, Gillings School of Global Public Health, UNC Chapel Hill.

- Led a large cluster RCT across 144 townships (population: 4.2M) in Guangdong, China, deploying 200 standardized patients with clinical vignettes to evaluate the diagnostic accuracy of an AI-powered telemedicine platform.
- Awarded 2023 AGE-WELL Conference Bursary (Canada's leading network for technology and aging).

Global Health & Health System Assessment

Analysis of the Global Burden of Disease (GBD) Dataset: Insights into Key Global Trends

Jul 2021 - Present

Senior Collaborator, Global Burden of Diseases, Injuries, & Risk Factors Study (GBD) Collaborator Network, Institute for Health Metrics and Evaluation, University of Washington

- Contributed to analyses on the global, regional, and national burden of diabetes, tuberculosis (TB), metabolic risk factors, and health trends using the Global Burden of Disease (GBD) dataset (Covers 204 countries and territories since 1990, > 360 diseases and injuries and over 80 risk factors).
- Our diabetes research projected that 1.31 billion people will have diabetes by 2050, emphasizing the urgent need for targeted prevention strategies ([The Lancet](#)). The work on TB burden and antimicrobial resistance provided evidence for global control policies ([The Lancet Infectious Diseases](#)).

Evaluation Index of Accessibility and Affordability of Health Services in China under the Context of Universal Health Coverage (UHC) (China-WHO Biennial Collaborative Project)

Oct 2018 -Nov 2019

Research Assistant. PI: Dr. Xiaoyun Liu & Dr. Ning Zhuang, Dept. of System Reform, National Health Committee

- Developed an UHC related index covering 20 trace indicators (e.g., coverage of basic medical insurance, patient satisfaction) to summarize the accessibility and financial burden of health care service in China during 2002-2018;
- Investigated the impacts of China's health care reform since 2009 by comparing the provincial index level;
- Observed a rapid increase in the accessibility of healthcare service in China over the past 15 years, however, the overburden of health cost and the large regional variation in the progress remains the leading problems.

Policy Analysis & Consulting

Assessing an International Medical Education Innovation: Blended Education Program for Teacher Leaders in General Practice in Tongji University

Jun 2020 - Jun 2024

Research Team Leader. PI: Dr. Howard Bergman, Faculty of Medicine and Health Science, McGill University

- Drafted the questionnaires and discussion guides to evaluate the impact of the blended learning program on learners' participation, reflection, and attitudes towards primary care.
- Conducted the interviews and questionnaire survey remotely, analyzed the qualitative data and quantitative data and drafted the report in 2022. The final report was submitted in mid 2023.
- The first-authored evaluation paper, *Evaluation of the McGill-Tongji Blended Education Program for Teacher Leaders in General Practice*, received the 2025 Pierre Pluye International Mixed Methods Award for Best Paper of the Year.

Standardization of laboratory processes in Beijing Center for Disease Control and Prevention (CDC): to fight against COVID-19

June 2020-Mar 2021

Research Assistant. PI: Dr. Xiaoyun Liu, CCHDS, PKUHSC. Sponsor: Beijing CDC.

- Summarized more than 200 published studies, government documents, and associations' guidelines on good public health laboratories practice around the world.
- Conducted a survey to a comprehensive laboratory services survey of public health laboratories in 16 municipal CDCs in Beijing to establish the baseline data necessary for standardization framework development.
- Developed an evaluation framework for Standardization of laboratory processes in Beijing CDC.

The Plan for Medical Health Service System in Beijing (2017-2035)

Apr - Dec 2018

Research Assistant. PI: Dr. Xiaoyun Liu, CCHDS, PKUHSC. Sponsor: Beijing Municipal Health Committee.

- Reviewed more than 200 published studies and government documents about health planning practice in China.
- Summarized the typical policy process of health planning in China as well as existing problems (e.g., lack of incentive compatibility, simply rely on expert consultation instead of field visit, weak supervision and evaluation).
- Developed policy reports translating survey findings into suggestions for the Beijing Municipal Health Committee.

Development Strategy of Family Doctors in Beijing

Sep 2017 - Apr 2018

Research Assistant. PI: Dr. Xiaoyun Liu, CCHDS, PKUHSC. Sponsor: Beijing Municipal Health Committee.

- Compared the financial system to family doctors in Beijing and OECD countries by literature review and key informant interview (deans of 12 primary care institutions), summarized the policy barriers (a limited salary cap for family doctors, rigid financial management system that prohibit distributing surplus of institutions).
- Developed a report for Beijing Municipal Health Committee with policy suggestions.

PUBLICATIONS

Accepted & Published (# indicates equal contribution)

- Wang, Z., He, Y., & Zheng, Y. (2019). Probiotics for the Treatment of Bacterial Vaginosis: A Meta-Analysis. *International Journal of Environmental Research and Public Health*, 16(20), 3859. DOI: <https://doi.org/10.3390/ijerph16203859>.
- Wang, Z., Jiang, W., Liu, Y., Zhang, L., Zhu, A., Tang, S., & Liu, X. (2019). Transforming tuberculosis (TB) service delivery model in China: issues and challenges for health workforce. *Human Resources for Health*, 17(1), 83. DOI: <https://doi.org/10.1186/s12960-019-0420-2>.
- Ma, X.#, Wang, Z.#, & Liu, X. (2019). Progress on catastrophic health expenditure in China: evidence from China family panel studies (CFPS) 2010 to 2016. *International Journal of Environmental Research and Public Health*, 16(23), 4775. DOI: <https://doi.org/10.3390/ijerph16234775>.
- [Wang, Z., Dan H., Zhang B., Huang M., Liu M., Zuo Y., Jia Z., & Liu, X. (2020). Analysis on the targeted admission medical graduates and their work preference in rural areas: A three-year survey conducted in four medical schools. *Chinese Journal of Health Policy*, 13(11), 57-62] (In Chinese) DOI: <https://doi.org/10.3969/j.issn.1674-2982.2020.11.009>.
- Wang, Z., Zhang, L., Liu, Y., Jiang, W., Jia J., Tang, S., & Liu, X. (2021). Process evaluation of E-learning in

- continuing medical education: evidence from the China-Gates Foundation Tuberculosis Control Program. *Infectious Diseases of Poverty*, 10, 23. DOI: <https://doi.org/10.1186/s40249-021-00810-x>.
- Liu, X., **Wang, Z.**, Zhang, H., & Meng, Q. (2021) “Measuring and evaluating progress towards Universal Health Coverage in China” *Journal of Global Health*, 11, 08005. DOI: <https://doi.org/10.7189/jogh.11.08005>.
- **Wang, Z.**, Zhang, L., Liu, Y., Jing, J., Jiang, W., Tang, S., & Liu, X. (2021). The effectiveness of E-learning in continuing medical education for Tuberculosis health workers: a quasi-experiment from China. *Infectious Diseases of Poverty*, 10, 72. DOI: <https://doi.org/10.1186/s40249-021-00855-y>.
- [Cheng, H., **Wang, Z.**, Zhang B., Wang H., Wei T., Cheng X., Li M., Dan H., & Liu, X. (2021). Cross-sectional study of target admission general practitioners in combating COVID-19. *Chinese Journal of General Practice*, 24(31), 4003.] (In Chinese) DOI: <https://doi.org/10.12114/j.issn.1007-9572.2021.00.298>.
- Li, M., **Wang, Z.**, Zhang, B., Wei, T., Hu, D., & Liu, X. (2022). Sample attrition analysis in a prospective cohort study of medical graduates in China. *BMC Medical Research Methodology*, DOI: <https://doi.org/10.1186/s12874-021-01498-1>.
- Li, M., **Wang, Z.**, Zhang, B., Wei, T., Dan H., & Liu, X. (2022). Job Performance of Medical Graduates with Compulsory Services in Underserved Rural Areas in China: A Cohort Study. *International Journal of Health Policy and Management*. 11 (11), 2600. DOI: <https://doi.org/10.34172/ijhpm.2022.6335>.
- [Li, M., Zuo, Y., Zhang F., **Wang, Z.**, Cheng, H., & Liu, X. (2022). Effect of Residency Standardized Training on the Pass Rate of the Practicing Physician Examination in Medical Graduates of Rural Compulsory Services Program. *Chinese Journal of General Practice*, 25 (22), 2706-2713.] (In Chinese) DOI: <https://doi.org/10.12114/j.issn.1007-9572.2022.0228>.
- **Wang, Z.**, Congdon, N., Ma, X. (2022). Longitudinal associations between self-reported vision impairment and all-cause mortality: a nationally representative cohort study among older Chinese adults. *British Journal of Ophthalmology*, DOI: <http://dx.doi.org/10.1136/bjo-2022-321577>.
- Zou Z., Liu G., Hay S I., Basu S., Belgaumi I. U., Dhali A., Dhingra S., Fekadu G., Golechha M., Joseph N., Krishan K., Martins-Melo F. R., Mubarik S., Okonji O. C., Mahesh P. A., Rathi P., Shetty R. S., Singh P., Singh S., Thangaraju, P., **Wang, Z.**, Zastrozhin M. S., Murray C. J.L., Kyu H. H., Huang Y (2022). Time trends in tuberculosis mortality across the BRICS: an age-period-cohort analysis for the GBD 2019. *EClinicalMedicine*, 53. DOI: <https://doi.org/10.1016/j.eclim.2022.101646>.
- [Zhang, B., **Wang, Z.**, Dan H., Li, M., Wang H., Wei T., Cheng, H., Cheng, H., & Liu, X. (2022). Income of Order-oriented Medical Graduates and General Clinical Graduates: A Longitudinal Comparative Study. *Chinese Journal of General Practice*, 26 (25), 3133-3139.] (In Chinese) DOI: <https://doi.org/10.12114/j.issn.1007-9572.2022.0325>.
- Jin Y., So H., Cerin E., Barnett A., Mubarik S., Hezam K., Feng X., **Wang, Z.**, Huang J., Zhong C., Hayat K., Wang F., Wu A-M., Xu S., Zou Z., Lim L-L., Cai J., Song Y., Tam L., Wu D. (2023). The temporal trend of disease burden attributable to metabolic risk factors in China, 1990–2019: An analysis of the Global Burden of Disease study. *Frontiers in Nutrition*, 9: 1035439. DOI: <https://doi.org/10.3389/fnut.2022.1035439>.
- Su, C., **Wang, Z.**, Dong, X., & Ma, X. (2024). Experiences of seeking diabetic eye care among patients with diabetes in China: a community-based convergent mixed methods study. *Public Health*, 234, 24-32. DOI: <https://doi.org/10.1016/j.puhe.2024.05.021>.
- **Wang, Z.**, Zhao, X., Shen, H., Wang, H., Cheng, G., Gao, Y.N., Zuo, W., Xu, Z, Avallone, F., Arora, A. K., Guo, M., Simmons, R., Lessard, D., Beesley, T., Zheng, J.C., Lebouché, B., Bergman, H. (2024). “Evaluation of the McGill-Tongji Blended Education Program for Teacher Leaders in General Practice: The Importance of Partnership and Contextualization in International Primary Care Training Initiatives” *Health Care Science*. DOI: <https://doi.org/10.1002/hcs2.107>.
- **Wang, Z.**, Zou, X., Gao, Z., Bergman, H., Zhang, P., Vedel, I., & Liu, X. (2024). Understanding the care for older people in rural China: The role of primary care providers as “the third sphere”. *The Annals of Family Medicine*, 22(Supplement 1). DOI: <https://doi.org/10.1370/afm.22.s1.6960>.
- Zhou, S., Liang, Z., Li, Q., Song, S., **Wang, Z.**, Xu, M., Jin, Y., & Zheng, Z. J. (2025). Association of cumulative

average sensory impairments with cognitive function and depressive symptoms: Two prospective cohort studies. *Journal of Affective Disorders*, 369, 16-24. DOI: <https://doi.org/10.1016/j.jad.2024.09.140>.

- Wang, Z., Ma, X., Su, C., Zhang, Y., Zou, X., Balogun, M., ... & Vedel, I. (2025). Older adults' experiences of health seeking in rural areas in low-and middle-income countries: a systematic review of qualitative studies. *Health Policy and Planning*, czaf061. DOI: <https://doi.org/10.1093/heapol/czaf061>.

Under review

- Wang, Z., Gao, Z., Zou, X., Zhang, P., Rice, K., Bouey, J., & Liu, X. "Where State, Market, and Community Meet: Village Doctors and the Governance of Rural Health in China" (Revise & Resubmit: *Social Science & Medicine*)
 - Wang, Z., Wang, R., Liu, X., Zou, X., & Wu, B. "Neo-Familist Values and Health-Seeking Behaviours Among Older Adults in Rural China: Evidence from China Longitudinal Aging Social Survey (CLASS)" (Revise & Resubmit: *Journal of Aging and Health*)
 - Wang, Z., Sourial, N., Zou, X., Liu, X., Bergman, H., & Vedel, I. "Validation of a New Family Values Scale Among Older Chinese Adults" (Revise & Resubmit: *Family Relations*)

Non-peer-reviewed Report, Articles, & Podcast

- Liu, X., Xu, J., He, P., Zhuang, Y., Zhang, Z., **Wang, Z.**, & Meng, L. *The Plan for Medical Health Service System in Beijing (2017-2035)*.
 - Liu, X., Hu, D., **Wang, Z.**, Dou, L., & Meng, L. *The Fourth annual report for the cohort study of medical graduates with compulsory services in rural areas*.
 - **Wang, Z.**, Dou, L., & Liu, X. *The strategy of financing the family doctors in Beijing*.
 - **Wang, Z.**, *Can Global Health Research Partnerships Return to Normal After the Pandemic?* McGill Perspectives on Global Health, Feb 2022 (Link:
<http://www.perspectivesmcgill.com/allposts/futureofresearchcollaborations?rq=ziyue%20wang>)
 - **Wang, Z.**, *I'm curious: will we do better when the next outbreak comes?* Go Live Podcast, Mar 2023 (In Chinese, moderated by Yi Yang. Link: <https://open.spotify.com/episode/6uVDbeOAazcdXh3psIXRf0>)

Working paper

- **Wang, Z.** “The Fool, the Village, and the State: Situational Moral Economies and Co-Produced Authoritarianism in Rural Chinese Healthcare”
 - **Wang, Z., Sourial, N., Bergman, H., & Liu, X., Vedel, I.** “Structure, function, and performance: a comparative study of primary healthcare systems in China and Canada”

PRESENTATIONS

The 16th Consortium of Universities for Global Health (CUGH) Annual Conference, Atlanta, USA

Feb 2025

Poster Presentation: *Understanding the care for older people in rural China: The role of primary care providers as “the third sphere”*.

The 52nd North American Primary Care Research Group (NAPCRG) Annual Meeting, Quebec City, Canada

Nov 2024

Poster Presentation: *Understanding the care for older people in rural China: The role of primary care providers as “the third sphere”*.

The 15th Consortium of Universities for Global Health Annual Conference, Los Angeles, USA

Mar 2024

Poster Presentation: *The Responsibility and Practice of Family and State Care from the Perspective of Older People in Rural Areas: An Ethnographic Study from China.*

The CAHSPR 2023 Annual Conference, Montreal, Canada

May 2023

Poster Presentation: Rural elderly patient experiences of health-seeking in low- and middle-income countries: a systematic review and thematic synthesis of qualitative studies.

The 2022 McGill Global Health Night, Montreal, Canada

Nov 2022

Poster Presentation: *Understanding how family values shape the health-seeking behaviours among rural elderly Chinese: a mixed-method study protocol.*

The 2022 Society for Epidemiologic Research (SER) Annual Conference, Chicago, USA

Jun 2022

Poster Presentation: *Longitudinal Associations Between Vision Impairment and Correction and All-cause Mortality: A Nationally Representative Cohort Study Among Chinese Adults 45 Years or Older.*

The 13th Consortium of Universities for Global Health Annual Conference, Virtual

Mar 2022

Poster Presentation: *Understanding the health-seeking behaviors among cardiometabolic disease (CMD) patients in rural China: a mental model perspective.*

The 24th IUHPE Conference, Montreal, Canada (Online)

May 2022

Poster Presentation: *Understanding the health-seeking behaviors among cardiometabolic disease (CMD) patients in rural China: a mental model perspective.*

CHPAMS 2021 conference, China Health Policy and Management Society, Wuhan, China (Online)

July 2021

➤ Oral Presentation: *The impact of E-learning in continuing medical education: a quasi-experiment from China.*

The 21st Annual McGill Biomedical Graduate Conference, Montreal, Canada (Online)

May 2021

➤ Poster Presentation: *The effectiveness of E-learning in continuing medical education for Tuberculosis (TB) health workers: a quasi-experiment from China.*

The 6th Annual McGill Family Medicine Research Symposium, Montreal, Canada (Online)

May 2021

➤ Oral Presentation: *Using insights from behavioral science to help patients manage chronic diseases in China: a mixed methods study protocol.*

The 3rd Annual Meeting of the Chinese Society of Behavioral Health, Xi'an, Shaanxi, China

May 2021

➤ Poster Presentation: *Using insights from behavioral science to help patients manage chronic diseases in China: a mixed methods study protocol.*

The 6th Global Symposium on Health Systems Research, Dubai, UAE (Online)

Nov 2020

➤ Poster Presentation: *Measuring and evaluating progress towards Universal Health Coverage (UHC) in China.*

Research on Organization of Healthcare Services for Alzheimer's (ROSA) team meeting, Montreal, Canada (Online)

Oct 2020

➤ Oral Presentation: *Closing the gaps in chronic disease management in China: from the patients' perspective.*

The 5th Healthcare Management Forum for Young Scholars in China, Xi'an, Shaanxi, China

Oct 2020

➤ Oral Presentation: *The impact of E-learning in continuing medical education: a quasi-experiment from China.*

The 2nd Joint Peking University–McGill University Symposium on Primary Care Policy, Beijing, China

Oct 2019

➤ Oral Presentation of Emerging voices on primary health care: *Understanding the State of Primary Healthcare Systems in China and Canada.*

1st Oxford Brookes Business School - Peking University HSBC Business School UK Campus Research Workshop, Oxford, United Kingdom

Jun 2019

➤ Oral Presentation: *Study on the measurement index of "low accessibility" and "high cost" of health care in China: a perspective from the universal health coverage (UHC) framework.*

China-Gates TB Project Phase III Final Evaluation Workshop, Global Health Research Centre, Duke Kunshan University, Shanghai, China.

Jun 2019

➤ Oral Presentation: *China-Gates TB Project Phase III final evaluation: an evaluation protocol of capacity building subproject.*

China Centre for Health Development Studies Internal Workshop, Peking University, Beijing, China

Mar 2019

➤ Oral Presentation: *Progress on catastrophic health expenditure in China: evidence from China family panel studies (CFPS) 2010 to 2016.*

China-Gates TB Project Phase III Process Evaluation Workshop, Global Health Research Centre, Duke Kunshan University, Beijing, China

May 2018

➤ Oral Presentation: *China-Gates TB Project Phase III process evaluation: an evaluation protocol of capacity building subproject.*

China Centre for Health Development Studies Internal Workshop, Peking University, Beijing, China

Jan/2018

➤ Oral Presentation: *Evaluation of the methodology for career mobility of primary health care workers: a systematic*

review protocol.

China-Gates TB Project Manuscript Writing Workshop, Global Health Research Centre, Duke Kunshan

University, Kunshan, Jiangsu, China

Dec 2017

- Oral Presentation: *Transforming tuberculosis (TB) service delivery model in China: issues and challenges for health workforce.*

The 2nd Annual Symposium for the Undergraduate Students of Bio-Liyun, Beijing Normal University, Beijing,

China

Apr 2017

- Oral Presentation: *The ideals vs. the reality: evidence-based perspective on the microbiome.*

Hui-Chun Chin and Tsung-Dao Lee Chinese Undergraduate Research Endowment (CURE) Annual Workshop,

Fudan University, Shanghai, China

Apr 2017

- Oral Presentation: *Probiotics for the treatment of bacterial vaginosis: a systematic review and Meta-analysis.*

The 20th Conference on Innovation of Science and Technology for the undergraduate students in Shanghai, the Second Military Medical University, Shanghai, China

Dec 2015

- Oral Presentation: *The Occult HBV Infection among pregnant women in Anqing City.*

The 1st Delong Scholar Scientific Project workshop, Fudan University, Shanghai, China

May 2015

- Oral Presentation: *The Occult HBV Infection among pregnant women in Anqing City.*

HONORS, SCHOLARSHIP, AND AWARDS

- 2025 Pierre Pluye Mixed Methods International Award, Best Paper of the Year, 500 CAD Jun 2025
- Junior Researcher Scholarship, Brocher Foundation, 2600 CHF Apr 2025
- The Central Institute of Culture and History of the People's Republic of China, Fei Hsiao-tung Fieldwork Award Excellent Fieldwork Report, 3,000 RMB Feb 2025
- Post-Graduate Student Society of Travel Award, McGill University, 750 CAD Feb 2025
- Graduate Research Enhancement and Travel (GREAT) Awards, McGill University, 1,300 CAD Feb 2025
- Graduate Award Program, McGill University, 5,000 CAD Sep 2023 – Apr 2024
- AGE-WELL Conference Subsidy, Canadian Technology and Aging Network, 2,000 CAD Aug 2023
- Graduate Mobility Award, McGill University, 9,250 CAD Oct 2022 – Apr 2023
- Fonds de recherche du Québec – Santé (FRQS) Doctoral Training Award, 70,000 CAD Jun 2022 – Jun 2025
- 2022 Global Health Scholar, McGill University, 3,000 CAD May 2022 – May 2023
- Internal Studentship Award, McGill University, 12,000 CAD (declined) May 2021
- Best PhD presentation of the 6th Annual McGill Family Medicine Research Symposium, 500 CAD May 2021
- McGill-China Scholarship Council (CSC) Joint Scholarship, 100,500 CAD May 2020- Jun 2024
- Graduate Excellence Fellowship, McGill University, 10,000 CAD Mar 2020- Jun 2021
- Fellowship in Global Health, George Washington University, 40,000 USD, declined Mar 2020- Jun 2024
- Fellowship in Epidemiology, 64,948 USD, University of California, Los Angeles, declined Feb 2020- Jun 2022
- The First Prize scholarship (top 10%, 6 of 77 students), 12,000 RMB Jul 2018- Jul 2019
- Graduation with honor: College Graduate Excellence Award of Shanghai (top 5%) Jun 2017
- The First Prize in Oral Presentation, The 2nd Annual Symposium for the Undergraduate Students of Bio-Liyun, 500 RMB Apr 2017
- Excellent Program Award of the Hui-Chun Chin and Tsung-Dao Lee Chinese Undergraduate Research Endowment (CURE) Apr 2017
- The Third Prize scholarship for Outstanding students at Fudan University, 1,500 RMB Dec 2016- Dec 2017
- Excellent Undergraduate Award of “One Health Foundation” Jan 2016
- The Second Prize scholarship for Outstanding students at Fudan University, 2,000 RMB Dec 2015- Dec 2016
- The Second Prize in Oral Presentation, The 20th Conference on Innovation of Science and Technology for the undergraduate students in Shanghai May 2015
- Best Project Award of the 1st Delong Scholar Scientific Project in Fudan University May 2015

CV

- | | |
|--|--------------------|
| ➤ The Pacific Insurance Scholarship at Fudan University (top 1%), 5,000 RMB | Ziyue (Brian) Wang |
| ➤ The Excellent Students of Fudan University (top 5%) | Dec 2014- Dec 2015 |
| ➤ The Second Prize scholarship for Outstanding students at Fudan University, 2,000 RMB | Jun 2014 |
| | Dec 2013- Dec 2014 |

TEACHING AND OTHER PROFESSIONAL EXPERIENCE**Teaching**

- | | |
|--|-------------|
| ➤ Instructor, FMED 608 Advanced Mixed Methods Seminar in Health Research, McGill | Summer 2023 |
| ➤ Instructor, FMED 614 Foundations of Mixed Methods Research, McGill | Fall 2022 |
| ➤ Teaching Assistant for Epidemiology, School of Public Health, PKUHSC | Spring 2019 |
| ➤ Teaching Assistant for Social Science of Medicine, School of Public Health, PKUHSC | Fall 2017 |
| ➤ Teaching Assistant Certificates, PKUHSC | Fall 2017 |

Mentorship

- | | |
|--|---------------------|
| ➤ Xiaohong Tang, On-the-job graduate student, School of Public Health, PKUHSC
Master's Thesis: Nurse job satisfaction in public and private hospitals – evidence from two hospitals in Beijing | Jul 2018-Apr 2019 |
| ➤ James Chia, Master in International Public Health, Liverpool School of Tropical Medicine
Summer Graduate Program of PKUHSC: Exploring men's involvement during antenatal, childbirth and postnatal periods in rural China - a qualitative study | May -Jul 2019 |
| ➤ Yuxin Fan, Master in Economics, Institute of Population Research, Peking University
Master's Thesis: The impact of parental early parenting behaviors on the economic outcomes of the offsprings | Mar 2020 - May 2020 |
| ➤ Ahd Samman, Master in Family Medicine and Primary Care, McGill University
Master's Thesis: Exploring a new postgraduate training simulation intervention in perinatal care for family medicine residents | Sep 2021 - Jun 2023 |
| ➤ Hanyu Li, Master in Economics, College of Northeast Asian Studies, Jilin University
Master's Thesis: An empirical analysis of the impact of education on labor force participation of Chinese residents | Sep 2022 - Present |

Certificate

- | | |
|--|------|
| ➤ Introduction to Grant Writing Digital Course, BIO Ventures for Global Health (BVGH) | 2024 |
| ➤ Formation en Éthique de la Recherche: Niveau 1, Ministry of Health and Social Services (Quebec) | 2023 |
| ➤ Formation en Éthique de la Recherche: Niveau 3, Ministry of Health and Social Services (Quebec) | 2023 |
| ➤ Tri-Council Policy Statement: Ethical Conduct for Research Involving Humans Course on Research Ethics (TCPS 2: CORE), The Tri-Council (Canada) | 2021 |

Reviews

Academic Journals

- | | |
|---|--------------------|
| ➤ The Gerontologist | 2024 |
| ➤ Social Science & Medicine | 2023 |
| ➤ Social Science & Medicine – Population Health | 2023 |
| ➤ Family Medicine and Community Health | 2023 |
| ➤ The International Journal of Health Planning and Management | 2023 |
| ➤ PLOS One | 2022 (3) |
| ➤ BMC Health Service Research | 2021 (2), 2022 (2) |
| ➤ BMC Public Health | 2021 |
| ➤ The Bulletin of the World Health Organization | 2020 |
| ➤ International Journal for Equity in Health | 2020 |

Conferences & Fundings

- | | |
|--|------|
| ➤ American Public Health Association (APHA) Annual Research Meeting | 2024 |
| ➤ AcademyHealth Annual Research Meeting | 2023 |
| ➤ Grand Challenges Canada's Stars in Global Health program | 2023 |
| ➤ Consortium of Universities for Global Health (CUGH) Annual Meeting | 2023 |

CV

- | | |
|---|----------------------------|
| ➤ North American Primary Care Research Group (NAPCRG) Annual Meeting | Ziyue (Brian) Wang
2022 |
| ➤ Society for Epidemiologic Research (SER) Annual Meeting | 2022 |
| ➤ International Union for Health Promotion and Education (IUHPE) Conference | 2022 |
| ➤ Public Health 2021: Canadian Public Health Association (CPHA) | 2021 |

Editorial Activities

- | | |
|--|-------------------|
| ➤ Guest Academic Editor, PLOS Global Public Health | Jan 2023- Present |
|--|-------------------|

Memberships

- | | |
|---|--------------------|
| ➤ Senior Collaborator, Global Burden of Diseases, Injuries, & Risk Factors Study (GBD) Collaborator Network | Jul 2021 - Present |
| ➤ Highly Qualified Personnel (HQP), AGE-WELL Foundation | Feb 2023 - Present |
| ➤ Member, Réseau Québécois de Recherche sur le Vieillissement (Quebec Research Network on Aging, RQRV) | Feb 2023 - Present |
| ➤ Trainee Advisory Committee (TAC), the Consortium of Universities for Global Health | Apr 2023 - Present |

INTERNSHIP, VOLUNTEER, AND OTHER EXPERIENCE

- | | |
|---|---------------------|
| ➤ President, Family Medicine Graduate Student Society, McGill University | Jun 2021 - Jun 2022 |
| ➤ PhD representative, Family Medicine Graduate Student Society, McGill University | Sep 2020 - May 2021 |
| ➤ Summer Intern, IQVIA, Management Consulting | May -Aug 2017 |