

LONG Qian, B.Med, MPH, DMedSci

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Curriculum Vitae

Education

- 2008-2012 Doctor of Medical Science, Department of Public Health, University of Helsinki, Finland. Supervisor: Professor Elina Hemminki
Title of dissertation: Utilization of maternity care in rural China: Affordability and Quality. (ISBN 978-952-10-8062-3)
- 2006-2007 Master of Public Health, Royal Tropical Institute, the Netherland.
Supervisor: Dr. Pieter Feenstra
Title of dissertation: Barriers to accessing tuberculosis diagnosis for rural-to-urban migrants with chronic coughing in Chongqing, China.
- 1998-2003 Bachelor of Medicine (Preventive Medicine), Chongqing Medical University, China

Current position

- 2022 (September) - Associate Professor of Global Health (with tenure), Global Health Research Center, Duke Kunshan University
- 2017 (July) -2022 (August) Assistant Professor of Global Health (tenure track), Global Health Research Center, Duke Kunshan University

Previous position

- 2015 (Feb.)-2017 (June) Technical officer, Department of Reproductive Health and Research, World Health Organization, Geneva, Switzerland
- 2013 (March)-2015 (Jan.) Post-doc Research Fellow in the Global Health Research Center, Duke Kunshan University, Kunshan, China/Duke Global Health Institute, Duke

	University, Durham, USA
2011-2013 (Feb.)	Research Fellow in the National Institute for Health and Welfare, Helsinki, Finland
2007-2008	Lecturer in the School of Public Health, Chongqing Medical University, Chongqing, China
2003-2006	Teaching Assistant in the School of Public Health, Chongqing Medical University, Chongqing, China

Research grant and experience

2022-2023	PI: Case study on purchasing instruments and arrangements to improve the quality of health services for chronic illnesses in China: Assessment of China Basic Public Health Program funded by World Health Organization (US\$106,993)
2022-2023	PI: Evaluation for "one network for the screening, diagnosis and treatment of newborn diseases in China" funded by the Tencent Foundation (RMB 1,590,000)
2022-2024	Co-PI: "Household experiences and costs of childhood immunization recommended by the National Immunization Program in China" funded by the Bill & Melinda Gates Foundation.
2020-2021	PI: "The Impact of the COVID-19 epidemic on tuberculosis treatment among migrant workers in China and Vietnam" funded by Duke Global Health Institute, SingHealth DukeNUS Global Health Institute and Duke Kunshan University (US\$ 48,447)
2019-2021	Co-PI: "An exploratory study on integrated primary care for co-management of tuberculosis (TB) and diabetes mellitus (DM) in DKI Jakarta province, Indonesia" funded by SingHealth DukeNUS Global Health Institute (Pilot Grant Scheme, S\$ 49,925) .
2019-2020	PI: "An exploratory study on integrated medical and aging care: international experience and adapted design" funded by Kunshan goverement, Jiangsu, China. (RMB 650,000)

- 2019-2020 **PI:** “Optimal caesarean section use (OpaCS): Formative phase for development and implementation of interventions to reduce unnecessary caesarean sections in China” funded by Duke Kunshan University (2019 DKU Faculty Scholarship and Travel Award, RMB 26,600).
- 2018-2021 **Co-I:** “Young adult competence and maladaptation across cultures in Chongqing, China” in the project “Parenting across cultures” funded by the National Institutes of Health, US (US\$ 66,552).
- 2018-2019 **PI:** “Global, regional and national levels and trends of maternal cause of death from 2009-2017: Development of World Health Organization estimates” (China study) funded by the World Health Organization (US\$ 18,900).
- 2017-2020 **Co-I:** “TB care system assessment” in the project “Monitoring, Learning and Evaluation for the Implementation of Comprehensive Models of TB Care and Control in China (Phase III)” funded by the Bill & Melinda Gates foundation (US\$ 302,270).
- 2017-2018 **Co-I:** “TB thematic study” in the project “Achieving Health SDGs in China: Developing evidence-based policy options for action” funded by the Bill & Melinda Gates foundation (US\$ 108,000).
- 2015-2017 Project coordinator: “Simplified treatment for eclampsia prevention using magnesium sulfate: converging activities” funded and supported by the Merck for Mother Programme/Human Reproduction Programme (HRP), WHO.
- 2015-2017 Participated in the programme “Quality of care improvement around the time of childbirth” led by WHO.
- 2013-2015 Participated in the research project “Catastrophe and impoverishment from diabetes: a case study on the economic burden of diabetes in Malaysia, China and Ghana” jointly funded by the Duke Global Health Institute and the Fudan University.
- 2013-2015 Participated in the TB control program “Innovative approaches & tools to establish comprehensive TB control models in China (Phase II)” funded by the Bill & Melinda Gates foundation.

- 2011-2013 Participated in the research project “Medical technology in maternity services - care practices, caesarean section and iron prophylaxis as examples in Maputo, Mozambique (METEMA)” funded by the Academy of Finland.
- 2008-2012 Participated in the research project: “Structural hindrances to and promoters of good maternal care in rural China-CHIMACA (015396)” funded by the European Commission INCO programme (*PhD study*).
- 2009 **PI:** “Factors influencing utilization of maternity care in western rural China” funded by the China Medical Board (RMB 20,000).
- 2008-2009 Participated in the design and implementation of a study: “Review and assessment of pro-poor initiatives in tuberculosis control programme in China” funded by the WHO China office.
- 2004-2006 Participated in the research project: “Comparing access to tuberculosis diagnosis between rural-to-urban migrants and residents in Chongqing, China” funded by the TDR-WHO/UNDP/World Bank/UNICEF. (*Master study*)
- 2005-2006 Participated in the research project: “Access to tuberculosis diagnosis among rural-to-urban migrants in Shanghai and Chongqing, China” funded by the EQUI-TB programme, UK.

Awarded scholarships

- 2021 Teaching Award in Master of Science in Global Health: The Excellence in Teaching Award is awarded by graduating students to one Global Health Faculty member based on quality of teaching, approachability and availability, degree of inspiration created for students, and mentoring and professional development support to the students.
- 2019 University of Central Lancashire Distinguished Collaborator Programme and The Lancashire Research Institute For Global Health & Wellbeing (LIFE) Funding to support international travel and research proposal writing workshop.

Teaching courses

2020/2021/2022 (Fall)	Global health course for undergraduate students in Duke Kunshan University, China: Introduction to Global Health
2020/2022 (Spring)	Global health course for graduate students in Duke Kunshan University, China: Health systems in developing countries
2017/2018/2019/2020/2021 (Fall)	Global health course for graduate students in Duke Kunshan University, China: Introduction to Maternal and Child Health
2018/2019/2020/2022 (Spring)	Global health course for graduate students in Duke Kunshan University, China: Qualitative Methods in Health Research
2019 (Spring)	Global health course for graduate students in Duke Kunshan University, China: Global Health Field Research: Planning and Skill Development
2018/2019/2021 (Fall)	Global health course for graduate students in Duke Kunshan University, China: Global Health Challenges (guest speaker)
2019 (Fall)	Global health course for undergraduate students in Duke Kunshan University, China: Global Health Research Methods (guest speaker)
2013	Global health course for undergraduate students in the Malardalen University, Sweden: Introduction of the Chinese health system development (guest speaker)
2007-2008	Public health courses for national and international undergraduate students in the Chongqing Medical University, China: 1) Health Education and Promotion; 2) Community Medicine
2003-2005	Public health courses for undergraduate students in the Chongqing Medical University, China: 1) Preventive Medicine; 2) Child and Adolescent Health

Training experience

Supervised graduate students

2017-2022	Supervised (primary supervisor) eight students in the Master Science in Global Health and one undergraduate student in Duke Kunshan University
2017-2022	Co-supervised (secondary supervisor) three students in the Master

- Science in Global Health in Duke Global Health Institute, Duke University
- 2017-2020 Served as Master Thesis Committee Member for six students in the Master Science in Global Health in Duke Kunshan University
- 2013 Supported the professor in the Duke Global Health Institute, Duke University in training a doctoral candidate in the Fudan University and a research assistant in the Duke Global Health Institute, Duke University on the method of systematic review
- 2013 Supported the professor in the Duke Global Health Institute, Duke University in co-supervising a doctoral candidate in the School of Public Health, Chongqing Medical University
- 2012 Supported the research professor in the National Institute for Health and Welfare, Finland in co-supervising a master student in the University of Tampere, Finland
- 2008-2009 Supported the professor in the Chongqing Medical University, China in co-supervising master students

Training workshops

- 2022 Invited to provide qualitative research methods training (two-days workshop), hosted by Wuhan University
- 2021 Host the publication training workshop for young scholars at the University of Indonesia
- 2020 Invited to present “Conducting and reporting qualitative research to inform policy development” in 2020 Form: Promotion of the whole population and life course health, hosted by Fudan University
- 2018 Invited to present qualitative analysis method: “Introduction of qualitative analysis method _ Framework Approach” in the School of Public Health, Shandong University
- 2017 Invited to present “Implementation of evidence-based antenatal care in Mozambique: The Stepped wedge cluster randomized trial” in the workshop on “Implementation Research in Global Health” co-hosted by Duke Kunshan University and Fudan University
- 2015-2016 Supported several technical consultation meetings with a focus on

- “Implementation interventions for quality of care improvement around the time of childbirth” organized by WHO in Geneva, Switzerland.
- 2015 Supported the technical consultation meeting of “Implementation and evaluation of quality of care improvement interventions for maternal and newborn care in Bangladesh, Ghana and Tanzania” organized by UNICEF in Dar es Salaam, Tanzania
- 2014 Supported the training workshop of academic writing for scholars and China CDC technical officers
- 2013 Invited to present qualitative research methods and data analysis in the School of Health Management, Huazhong University of Science and Technology, China
- 2010 Invited to present writing and publishing academic articles in international peer-reviewed journals in the School of Public Health, Chongqing Medical University, China

Consultancy experiences

- 2019 Technical consultant “China’s Thirteenth General Programme of Work (GPW13) reporting and Universal Health Coverage Measurement”, Centre of Health Statistics and Information, the National Health Commission, China.
- 2018 Technical consultant “Jiangsu healthy city—Strategy Plan”, Jiangsu provincial Health Commission, Jiangsu Province, China.
- 2013 Technical consultant of WHO China Office and completed the policy paper “health equity in China” as part of a series on Equity prepared on behalf of the UN Country Team in China.
- 2010 Drafted the research proposal of Collaborative Project (EC FP7-SICA), titled: “Integrating post-abortion family planning services into China’s existing abortion services in hospital settings” in cooperation with Ghent University, Belgium. The proposal was accepted and granted by the European Commission in 2011.

List of Publications

Peer-reviewed papers in English

1. **Long Q**, Li Y, Wang Y, Yue Y, Tang C, Tang S, Squire SB, Tolhurst R. Barriers to accessing TB diagnosis for rural-to-urban migrants with chronic coughing in Chongqing---a mixed methods study. *BMC Health Services Research* 2008; 8:202.
2. Wang Y, **Long Q**, Liu Q, Tolhurst R, Tang S. Treatment seeking for symptoms suggestive of TB: comparison between migrants and permanent urban residents in Chongqing, China. *Tropical Medicine and International Health* 2008; 13(7):927-933.
3. **Long Q**, Zhang TH, Xu L, Tang S, Hemminki E. Utilisation of maternal health care in western rural China under a new rural health insurance system (New Co-operative Medical System). *Tropical Medicine and International Health* 2010; 15:1210-1217.
4. **Long Q**, Zhang TH, Hemminki E, Tang XJ, Huang K, Xiao SB, Tolhurst R. Utilisation, contents and costs of prenatal care under a rural health insurance (New Co-operative Medical System) in rural China: lessons from implementation. *BMC Health Services Research* 2010; 10:301.
5. Bogg L, Huang K, **Long Q**, Shen Y, Hemminki E. Dramatic increase in Caesarean deliveries in the midst of health reforms in rural China. *Social Science & Medicine* 2010; 70:1544-1549.
6. Xiao S, Yan H, Shen Y, Dang S, Hemminki E, Wang D, **Long Q**, Gao J. Utilisation of delivery care among rural women in China: does the health insurance make a difference? A cross-sectional study. *BMC Public Health* 2010; 10(1):695.
7. **Long Q**, Zhang YG, Raven J, Wu ZC, Bogg L, Tang S, Hemminki E. Giving birth at a health-care facility in rural China: is it affordable for the poor? *Bulletin of World Health Organisation* 2011; 89:144-152.
8. **Long Q**, Smith H, Zhang TH, Tang S, Garner P. Patient medical costs for tuberculosis treatment and impact on adherence in China: a systematic review. *BMC Public Health* 2011; 11:393.
9. Hemminki E, **Long Q**, Zhang WH, Wu Z, Raven J, Tao FB, Yan H, Wang Y, Klemetti R, Zhang TH, Regushevskaya E, Tang S. Impact of financial and educational interventions on maternity care: Results of cluster randomized trials in rural China, CHIMACA. *Maternal and Child Health Journal* 2013; 17(2):208-221.
10. **Long Q**, Klemetti R, Wang Y, Tao FB, Yan H, Hemminki E. High Caesarean section rate in rural China: is it related to health insurance (New Co-operative Medical Scheme)? *Social Science & Medicine* 2012; 75:733-737.

11. Hemminki E, **Long Q**, Wu Z, Klemetti R. Impact of Chinese one-child policy on sibling structure-experience from rural areas in three provinces. *BMJ Open* 2012; 2:e001010.
12. Tang S, Ehiri J, **Long Q**. China's biggest, most neglected health challenge: Non-communicable diseases. *Infectious Diseases of Poverty* 2013; 2:7.
13. **Long Q**, Xu L, Bekedam H, Tang S. Changes in health expenditures in China in 2000s: has the health system reform improved affordability. *International Journal for Equity in Health* 2013; 12:40.
14. Xiao NZ, **Long Q**, Tang XJ, Tang S. A community-based approach to non-communicable chronic disease management within a context of advancing universal health coverage in China: progress and challenges. *BMC Public Health* 2014; 14(Suppl 2): S2.
15. Deng W, Klemetti R, **Long Q**, Wu ZC, Duan CG, Zhang WH, Ronsmans C, Zhang Y, Hemminki E. Cesarean section in Shanghai: women's or healthcare provider's preferences? *BMC Pregnancy and Childbirth* 2014; 14:285.
16. **Long Q**, Kempas T, Klemetti R, Madede T, Elina Hemminki. Caesarean section rates in Mozambique. *BMC Pregnancy and Childbirth* 2015; 15:253.
17. Chen S, Zhang H, Pan Y, **Long Q**, Xiang L, Yao L, Lucas H. Are free anti-tuberculosis drugs enough? An empirical study from three cities in China. *Infect Dis Poverty* 2015; 4:47.
18. Okusanya BO, Oladapo OT, **Long Q**, Lumbiganon P, Carroli G, Qureshi Z, Duley L, Souza JP, Gülmezoglu AM. Clinical pharmacokinetic properties of magnesium sulphate in women with pre-eclampsia and eclampsia. *BJOG* 2016; 123(3):356-66.
19. Lei P, Xu L, Nwaru BI, **Long Q**, Wu Z. Social networks and health-related quality of life among Chinese old adults in urban areas: results from 4th National Household Health Survey. *Public Health* 2016; 131:27-39.
20. Jia XX, Chen JY, Zhang SY, Dai B, **Long Q**, Tang S. Implementing a "free" tuberculosis (TB) care policy under the integrated model in Jiangsu, China: practices and costs in the real world. *Infect Dis Poverty* 2016; 5(1):1.
21. Li Q, Jiang W, Wang Q, Shen Y, Gao J, Sato KD, **Long Q**, Lucas H. Non-medical financial burden in tuberculosis care: a cross-sectional survey in rural China. *Infect Dis Poverty* 2016; 5(1):5.
22. Zhou C, **Long Q**, Chen J, Xiang L, Li Q, Tang S, Huang F, Sun Q, Lucas H. Factors that determine catastrophic expenditure for tuberculosis care: a patient survey in China. *Infect Dis Poverty* 2016; 5(1):6.

23. Pan Y, Chen S, Chen M, Zhang P, **Long Q**, Xiang L, Lucas H. Disparity in reimbursement for tuberculosis care among different health insurance schemes: evidence from three countries in central China. *Infect Dis Poverty* 2016; 5(1):7.
24. **Long Q**, Qu Y, Lucas H. Drug-resistant tuberculosis control in China: progress and challenges. *Infect Dis Poverty* 2016; 5(1):9.
25. **Long Q**, Allanson ER, Pontre J, Tunçalp Ö, Hofmeyr J, Gülmezoglu AM. Onsite midwife-led birth units for care around the time of childbirth: a systematic review. *BMJ Global Health* 2016; 1: e000096.
26. **Long Q**, Oladapo OT, Vogel JP, Lumbiganon P, Carroli G, Qureshi Z, Gülmezoglu AM. Clinical practice patterns on the use of magnesium sulphate for the prevention and treatment eclampsia: a multi-country survey. *BJOG* 2016;124(12):1883-1890.
27. Oladapo OT, Okusanya BO, **Long Q**. Authors' reply re: Clinical pharmacokinetic properties of magnesium sulphate in women with pre-eclampsia and eclampsia: a systematic review. *BJOG* 2016; 123(13):2228-2229.
28. Zhou CC, **Long Q**, Chen JY, Xiang L, Li Q, Tang S, Huang F, Sun Q, Lucas H, Huan S. The effect of NCMS on catastrophic health expenditure and impoverishment from tuberculosis care in China. *International Journal for Equity in Health* 2016; 15:172.
29. **Long Q**, He M, Tang XJ, Allotey P, Tang S. Treatment of type 2 diabetes mellitus in Chongqing of China: Unaffordable care for the poor. *Diabetic Medicine* 2017; 34(1):120-126.
30. He M, Gao J, Liu W, Tang X, Tang S, **Long Q**. Case management of patients with Type 2 diabetes mellitus: a cross-sectional survey in Chongqing, China. *BMC Health Serv Res.* 2017; 17(1):129.
31. Allanson ER, Tunçalp Ö, Vogel JP, Khan DN, Oladapo OT, **Long Q**, Gülmezoglu AM. Implementation of Effective Practices in Health Facilities: A Systematic Review of Cluster Randomised Trials. *BMJ Global Health* 2017; 2(2):e000266.
32. **Long Q**, Madede T, Parkkail S, Chavane L, Sundby J, Hemminki E. Maternity care system in Maputo, Mozambique: Plans and Practice. *Cogent Medicine* 2017; 4:1412138.
33. **Long Q**, Kingdon C, Yang F, Renecke MD, Jahanfar S, Bohren AM, Betran AP. Prevalence of and reasons for women's, family members', and health professionals' preferences for caesarean section in China: a mixed-methods systematic review. *Plos Med* 2018; 15(10):e1002672.
34. Du L, Wenning L, Migoya E, Xu Y, Carvalho B, Brookfield K, Witjes H, Greef R, Lumbiganon P, Sangkomkarn U, Titapant V, Duley L, **Long Q**, Oladapo OT. Population Pharmacokinetic Modeling to Evaluate Standard Magnesium Sulfate Treatments and

Alternative Dosing Regimens for Women with Preeclampsia. *The Journal of Clinical Pharmacology* 2019; 59(3):374-385.

35. Jiang WX, **Long Q**, Lucas H, Dong D, Chen JY, Xiang L, Li Q, Huang F, Wang H, Elbers C, Cobelens F, Tang SL. Impact of an innovative financing and payment model on tuberculosis patients' financial burden: is tuberculosis care more affordable for the poor? *Infect Dis Poverty*. 2019; 8(1):21.
36. Du L, Wenning LA, Carvalho B, Duley L, Brookfield KF, Witjes H, de Greef R, Lumbiganon P, Titapant V, Kongwattanakul K, **Long Q**, Sangkomkamhang US, Gülmezoglu AM, Oladapo OT. Alternative Magnesium Sulfate Dosing Regimens for Women With Preeclampsia: A Population Pharmacokinetic Exposure-Response Modeling and Simulation Study. *J Clin Pharmacol*. 2019; 59(11):1519-1526
37. Dong D, Jiang WX, **Long Q**, Huang F, Zhang H, Chen JY, Xiang L, Li Q, Tang S, Lucas H. Impact of an innovative tuberculosis financing and payment model on health service utilization by tuberculosis patients in China: do the poor fare better than the rich? *Infect Dis Poverty*. 2019; 8:44.
38. Xiao M, Zhang F, Xiao NZ, Bu XQ, Tang XJ, **Long Q**. Health-related quality of life hypertension patients: a population-based cross-sectional study in Chongqing, China. *Int J Environ Res Public Health* 2019; 16(13). pii: E2348.
39. Jiang JN, Lucas H, **Long Q**, Xin YJ, Xiang L, Tang S. The effect of an innovative financing and payment model for tuberculosis patients on health service utilization in China: Evidence from Hubei province of China. *Int J Environ Res Public Health* 2019; 16(14) pii:E2494.
40. Hu D, **Long Q (co-first author)**, Chen J, Wang X, Huang F, Ji S.J. Factors influencing hospitalization rates and inpatient cost of patients with tuberculosis in Jiangsu Province, China: An uncontrolled before and after study. *Int J Environ Res Public Health* 2019; 16(15) pii:E2750.
41. Wang XX, Chen JY, Jiang H, Zhu AN, **Long Q**, Ji S.J. Utilization and expenses of outpatient services among tuberculosis patients in three Chinese counties: an observational comparison study. *Infect Dis Poverty* 2019; 8(1):79.
42. Fan QP, **Long Q**, Silva V, Gunarathna N, Jayathilaka U, Dabrera T, Lynn Henry, Ostbye T. Prevalence and risk factors for postpartum depression in Sri Lanka: a population-based study. *Asian Journal of Psychiatry*. 2019; 47:101855.
43. Chen S, Guo L, Wang Z, Mao W, Ge Y, Ying X, Fang J, **Long Q**, Liu Q, Xiang H, Wu C, Fu C, Dong D, Zhang J, Sun J, Tian L, Wang L, Zhou M, Zhang M, Qian M, Liu W, Jiang W, Feng W, Zeng X, Ding X, Lei X, Tolhurst R, Xu L, Wang H, Ziegeweid F, Glenn S, Ji S.J, Story M,

- Yamey G, Tang S. Current situation and progress toward the 2030 health-related Sustainable Development Goals in China: A systematic analysis. *PLoS Med* 2019; 16(11): e1002975.
44. **Long Q**, Jiang WX, Dong D, Chen JY, Xiang L, Li Q, Huang F, Lucas H, Tang S. A New Financing Model for Tuberculosis (TB) Care in China: Challenges of Policy Development and Lessons Learned from the Implementation. *Int J Environ Res Public Health* 2020; 17 (4):1400.
45. Lansford J. E, Zietz S, Bornstein M. H, Deater-Deckard K, Di Giunta L, Dodge KA, Gurdal S, Liu Q, **Long Q**, Malone PS, Oburu P, Pastorelli C, Skinner AT, Sorbring E, Steinberg L, Tapanya S, Uribe Tirado LM., Yotanyamaneewong S, Alampay LP, Al-Hassan SM, Bacchini D, Chang L. Opportunities and peer support for aggression and delinquency during adolescence in nine countries. *New Directions for Child and Adolescent Development*. 2020; 172: 73-88.
46. Fang EF, Xie CL, Chenkel JA, Wu CK, **Long Q**, Cui HH, Aman Y, Frank J, Zou HC, Wang NT, Wu J, Liu XT, Li T, Fang Y, Niu Z., Yang G, Hong JS, Wang Q, Chen GB, Li J, Chen HZ, Kang L, Su HX, Gilmour BC, Zhu XQ, Jiang H, He N, Tao J, Leng SX, Tong TJ, Woo J. A research agenda for ageing in China in the 21st century (2nd edition): Focusing on basic and translational research, long-term care, policy and social networks. *Ageing Research Reviews* 2020; 64:101174.
47. Chen SQ, Chen X, Law S, Lucas H, Tang S, **Long Q**, Xue L, Wang Z. How and to what extent can pensions facilitate increased use of health services by older people: evidence from social pension expansion in rural China. *BMC Health Services Research* 2020; 20(1):1008.
48. Shirzad M, Shakibazadeh E, Hajimiri K, Betran AP, Jahanfar S, Bohren MA, Opyo N, **Long Q**, Kingdon C, Colomar M, Abedini M. Prevalence of and reasons for women's, family members', and health professionals' preferences for cesarean section in Iran: A mixed-methods systematic review. *Reproductive Health* 2021 18(1):3.
49. **Long Q**, Jiang WX, Zhang H, Cheng J, Tang S, Wang WB. Multi-source financing for tuberculosis treatment in China: Key issues and challenges. *Infectious Diseases of Poverty* 2021; 10:17.
50. **Long Q**, Huang F, Huan ST, Zhao YL. Scale-up of a comprehensive model to improve tuberculosis control in China: Lessons learned and the way forward. *Infectious Diseases of Poverty* 2021; 10:41.
51. Jiang WX, Li ZP, Zhao Q, Gao MQ, **Long Q**, Wang WB, Huang F, Wang N, Tang S. Impacts of a comprehensive tuberculosis control model on the quality of clinical services and the financial burden of treatment for patients with drug-resistant tuberculosis in China: a mixed-methods evaluation. *Infectious Diseases of Poverty* 2021; 10: 54.

52. Colomar M, Opiyo N, Kingdon C, **Long Q**, Nion S, Bohren MA, Betran AP. Do women prefer caesarean sections? A qualitative evidence synthesis of their views and experiences. *PloS ONE* 2021; 16(5):e0251072
53. Wyatt S, Silitonga PII, Febriani E, **Long Q**. Socioeconomic, geographic, and health system factors associated with rising C-section rate in Indonesia: a cross-sectional study using the Indonesian demographic and health surveys from 1998 – 2017. *BMJ Open* 2021; 11:e045592.
54. Lansford JE, Skinner AT, Godwin J, Chang L, Deater-Deckard K, Di Giunta L, Dodge KA, Gurdal S, Liu Q, **Long Q**, Oburu P, Pastorelli C, Sorbring E, Steinberg L, Tapanya S, Uribe Tirado LM, Yotanyamaneewong S, Alampay LP, Al-Hassan SM, Bacchini D, & Bornstein MH. Pre-pandemic psychological and behavioral predictors of responses to the COVID-19 pandemic in nine countries. *Development and Psychopathology* 2021;1-16.
55. **Long Q**, Guo L, Jiang WX, Huan ST, Tang S. Ending tuberculosis in the sustainable development era in China: What are the health system challenges? *The Lancet Public Health* 2021;6:e948-53.
56. Peoples N, Gong EY, Gautam K, Khanal SN, Kohrt BA, Koirala S, Amatya A, Xiong SZ, Ostbye T, Moe J, **Long Q**, Yan LJ. Perception and use of primary healthcare services among people with cardiometabolic diseases in two resource-limited areas in Nepal: a mixed methods study. *Front. Public Health* 2021; 9:1396.
57. Wyatt S, Ostbye T, Silva V, Lakmali, **Long Q**. Predictors and occurrence of antenatal depressive symptoms in Galle, Sri Lanka: a mixed-methods cross-sectional study. *BMC Pregnancy and Childbirth* 2021; 21:758.
58. Du Q, Wang L, **Long Q**, Zhao Y, Abdullah A. Systematic review and meta-analysis: Prevalence of diabetes among patients with tuberculosis in China. *Trop Med Int Health* 2021; 26(12):1553-1559
59. Lansford JE, Zietz S, Al-Hassan SM, Bacchini D, Bornstein MH, Chang L, Deater-Deckard K, Di Giunta L, Dodge KA, Gurdal S, Liu Q, **Long Q**, Oburu P, Pastorelli C, Skinner AT, Sorbring E, Tapanya S, Steinberg L, Uribe Tirado LM, Yotanyamaneewong S, & Alampay LP. (2021). Culture and social change in mothers' and fathers' individualism, collectivism, and parenting attitudes. *Social Sciences*, 10, 459.
60. Wyatt S, Ostbye T, Silva VD, **Long Q**. Antenatal depression in Sri Lanka: a qualitative study of public health midwives' views and practices. *Reproductive Health* 2022; 19(1):23.
61. Jiang W, Trimawartinah, Rahman FM, Wibowo A, Sanjaya A, Silitonga P, Tang S, **Long Q**. The co-management of tuberculosis-diabetes co-morbidities in Indonesia under the National

Tuberculosis Control Program: results from a cross-sectional study from 2017 to 2019. *BMC Public Health* 2022; 22(1):689.

62. **Long Q**, Zhang YG, Zhang J, Tang XJ, Kingdon C. Changes in caesarean section rates in China during the period of transition from the one-child to two-child policy era: cross-sectional National Household Health Services Surveys. *BMJ Open* 2022; 12:e059208.

Peer-reviewed papers in Chinese

1. **Long Q**. Observational study applied in public health. *Foreign Medical Sciences*. 2005; 22(3):119-123.
2. **Long Q**, Wang Y, Li Y, Tolhurst R, Tang S. Knowledge and attitude related to TB and the TB control programme among the rural-to-urban migrants. *Medicine and Philosophy* 2006; 27(11): 26-27.
3. **Long Q**, Wang Y, Tang S, Tolhurst R, Zhan S, Yue Y. Delay in seeking health care among the TB suspects---Experience of rural-to-urban migrants in Chongqing. *Modern Preventive Medicine* 2007; 34 (5): 810-812.
4. **Long Q**, Wang Y, Yue Y, Li Y, Tolhurst R, Tang S. Diagnosis of pulmonary tuberculosis suspects in urban general health facilities. *China Public Health* 2008; 24(6):114-116.
5. Liu XX, **Long Q**, Wang Y, Tang XJ, Chen T. Qualitative analysis of barriers in access to TB care among vulnerable groups in South-western China. *Medicine and Philosophy* 2010; 31(5): 34-36.

Policy Paper in English

1. **Long Q**. Equity in Health in China. Part of a series of papers on Equity prepared on behalf of the UN Country Team in China. 2013; WHO China Office: Beijing.

Essay in English

1. **Long Q**. Paying for maternal health care in rural China: how affordable to the poor? Young Researchers for Health 2010, Global Forum for Health Research, Geneva, 2010. Available at: <http://www.globalforumhealth.org/Media-Publications/Publications/Young-Researchers-for-Health-2010>

Winner of young researcher essay competition on the theme "Health Systems Research: towards universal health coverage" organised jointly by the Global Forum for Health Research, The Lancet and the First Global Symposium on Health Systems Research. This was announced in

the Lancet: <http://www.thelancet.com/pdfs/journals/lancet/PIIS0140673610621071.pdf>

Book chapters

1. Wu B, **Long Q** & Li R. Session 2 in Chapter 2: Health and Equity. In Ren M, Tang S & Liu Y (Eds.), *An Introduction to Global Health*. 2016; Beijing: People's Medical Publishing House. (in Chinese)
2. **Long Q**, Jiang W, Guo L, & Mao W. Chapter 5: Tuberculosis. In Tang S & Ge Y. (Eds.), *Achieving healthy China 2030 goals: an evidence-based study*. 2019; Beijing: People's Medical Publishing House. (in Chinese) [**#2_ Correspondence to the list of top 10 publications**]
3. **Long Q**, Madede T, Parkkali S, Chavane L, Sundby J, Hemminki E. Session 3 in Chapter 4: Special group of population and global health. In Liang XH & Mao ZF (Eds.), *Global Health Case Analysis*. 2019; Beijing: Science Publishing House. (in Chinese)
4. **Long Q**, Rothenberg WA, Liu Q, Chang L. Chapter 2: Four domains of parenting in China. In *Parenting Across Cultures from Childhood to Adolescence: Development in Nine countries*. 2021; New York: Routledge. (in English)

Conference Abstracts

1. **Long Q**. Comparing access to TB diagnosis between rural-to-urban migrants and urban-residents in Chongqing, China. *Tropical Medicine & International Health* 2007; 12(s1): 168. Poster presentation in the 5th European Congress on Tropical Medicine and International Health, Amsterdam, the Netherlands, 2007.
2. **Long Q**, Klemetti R, Wang Y, Tao FB, Yan H, Hemminki E. Relation between high Caesarean section rate and health insurance coverage in rural China. *European Journal of Public Health* 2011; 21(s1): 18-19. Oral Presentation in the 4th European Public Health Conference, Copenhagen, Denmark, 2011.
3. **Long Q**, Klemetti R, Wang Y, Tao FB, Yan H, Hemminki E. Scaling up health insurance (New Co-operative Medical Scheme) in rural China: does it contribute to high Caesarean section rate? Oral Presentation in Health System Reform in Asia Conference, Hong Kong, China, 2011.
4. **Long Q**. Changes in out-of-pocket payment for health care in China in 2000s: Has the reform improved affordability? Poster Presentation in the Second Global Symposium on Health Systems Research, Beijing, China, October 2012. (Emerging Voice 2012)

5. **Long Q**, Klemetti R, Huang K, Shen Y, Tang S, Hemminki E. Impact of financial subsidies on use of quality prenatal care in two rural counties of China. Included in the Symposium book of abstracts of the Second Global Symposium on Health Systems Research, Beijing, China, October 2012.
6. **Long Q**. Tuberculosis treatment in China: Is it affordable for poor tuberculosis patients? Poster Presentation in the conference of Health System Reform in Asia 2013, Singapore, December 2013.
7. **Long Q**, Kempas T, Madede T, Klemetti R, Hemminki E. Variation in caesarean section rate in Mozambique in 1995-2011. Poster Presentation in the Third Global Symposium on Health Systems Research, Cape Town, South Africa, October 2014.
8. **Long Q**, Allanson ER, Pontre J, Tunçalp Ö, Hofmeyr J, Gülmezoglu AM. Onsite midwife-led birth units for care around the time of childbirth: a systematic review. Poster Presentation in the Fourth Global Symposium on Health Systems Research, Vancouver, Canada, November 2016.
9. Guo L, Jiang W, Chen S, **Long Q**, Tang S. Health disparities in tuberculosis incidence, prevalence, and mortality in China (1990 to 2016) using data from the Global Burden of Disease Study 2016: a longitudinal analysis. Oral Presentation in the Lancet-CAMS Health Summit, Chengdu, China, October, 2019.
10. **Long Q**, Guo L, Jiang W, Mao W, Dong D, Tang S. Ending tuberculosis in the sustainable development era in China: what are health system challenges? A mixed-methods study. Poster Presentation in the Lancet-CAMS Health Summit, Chengdu, China, October, 2019.
11. **Long Q**, Zhang Y, Kingdon C. Changing patterns of caesarean section use between 2008 and 2018 in China. Poster presentation at Global Women's Research Society (GLOW) 2020 conference: Implementing respectful care September 2020; Poster presentation at 6th Global Symposium on Health Systems Research, November 2020.
12. Jiang W, Tinah T, Rahman FM, Wibowo A, Sanjaya A, Silitonga T, Tang S, **Long Q**. The detection and the co-management of tuberculosis and diabetes comorbidity in Jakarta, Indonesia: a mixed-method study. Oral presentation at Annual conference of the China Health Policy and Management Society (virtually), July 2021; Presentation at the 52nd Union World Conference on Lung Health (virtually), October 2021.

Other academic services

Committee member

2017-2024: Duke Kunshan University Institutional Review Board (IRB)

2017-2021: Youth member, Chinese Preventive Medical Association, Society of Global Health

2020-2025: Council member, Chinese anti-TB Association, International Cooperation and Communication council

Reviewed academic papers

1. 2012: Incremental cost-effectiveness of improving treatment completion among migrant TB patients in Shanghai. Submitted to the International Journal of Tuberculosis and Lung Disease.
2. 2013: Hypertension Awareness and Associated Factors among Older Chinese Adults. Submitted to Frontiers in Public Health Education and Promotion.
3. 2014: Mobilizing and sustaining demand and supply of primary health care for the urban poor: the case of UPPR in Bangladesh. Submitted to Social Science & Medicine.
4. 2015: Determinants of basic public health services provision by village doctors in China: using non-communicable diseases management as an example. Submitted to BMC Health Services and Research.
5. 2016: The costs and its determinant of caesarean section (CS) and vaginal delivery: an exploratory study in Chongqing municipality, China. Submitted to BioMed Research International.
6. 2016: Infectious Disease Research and the Gender Gap: Perspectives from the Special Programme for Research and Training in Tropical Diseases (TDR). Submitted to Global Health, Epidemiology and Genomics.
7. 2018: Reproductive Health in Southeast Asian women: Current situation and its influencing factors. Submitted to Global Health Journal.
8. 2018: The extent and determinants of catastrophic health expenditure for tuberculosis care in southwest of China: a cross-sectional study. Submitted to BMJ Open.
9. 2019: Effectiveness of a two-stage intervention package to reduce the cesarean section rate in a large city in China: a before-and-after study. Submitted to PloS Medicine.
10. 2019: A multidisciplinary partnership involving parliamentarian women to address the overuse of caesarean section in Italy: a case study. Submitted to BMJ Global Health.

11. 2020: Medical specialty distribution in China, a not so delicate balance. Submitted to Lancet Public Health.
12. 2020: Multichannel financing reduces economic burden and improves the medical security level for tuberculosis patients. Submitted to China CDC Weekly
13. 2020: Tuberculosis infection prevention and control: why we need a whole systems approach. Submitted to Infectious Disease of Poverty
14. 2021: Trends and determinants of catastrophic health expenditure in China 2010-2018: a national panel data analysis. Submitted to BMC Health Services Research
15. 2021: Health service underutilization and its associated factors for chronic diseases patients in poverty-stricken areas in China: a multilevel analysis. Submitted to BMC Health Services Research
16. 2021: Job performance of medical graduates with compulsory services in underserved rural areas in China: a cohort study. Submitted to International Journal of Health Policy and Management
17. 2021: Impoverishment of households with cancer patients in China: a multicentre cross-sectional survey. Submitted to Frontiers of Medicine
18. 2021: Configurations of essential factors promoting China's commercial health insurance: a qualitative comparative analysis based on Technology-Organization-Environment framework. Submitted to BMC Health Services Research
19. 2021: Perspectives on access to tuberculosis health services in Tibet, China. Submitted to Infectious Diseases of Poverty
20. 2021: Impact of zero-mark-up medicines policy on hospital revenue structure: a panel data analysis of 136 Chinese tertiary public hospitals in 2012-2020. Submitted to BMJ Global Health
21. 2021: The catastrophic costs of tuberculosis care for patients and households: a systematic review. Submitted to Plos One.

Others

2019: Contributed to training journalists reporting tuberculosis control in China organized by School of New Media, Peking University.