

Hai Fang

Personal Bio

FANG Hai, PhD in Economics, Professor and Doctoral Advisor in China Center for Health Development Studies and Institute for Global Health and Development, Peking University. Vice Director of Peking University Health Science Center and China CDC Joint Research Center for Vaccine Economics; Director of Vaccine Economic Committee in China Association for Vaccine; Vice Director and Secretary General of Public Health Economic Committee in China Health Economic Association. Before joining Peking University, Professor Fang taught at the University of California Davis, the University of Miami in Florida, and the University of Colorado Denver in the United States as faculty (Lecturer, Assistant Professor, and Associate Professor). Professor Fang has been the principal investigator (PI) for research projects funded by National Social Science Fund of China (Chief Expert for Major Project), National Natural Science Foundation of China, China CDC, Chinese Preventive Medicine Association, Chinese Medical Doctor Association, UNICEF, Bill & Melinda Gates Foundation, China Medical Board (CMB) in the United States, and Medical Research Council (MRC) in the United Kingdom. Professor Fang is the principle editor for China Guidelines for Vaccine Economic Evaluation 2022 and has published more than 150 Chinese and English research articles, including BMJ, JAMA Network Open, Lancet Regional Health Western Pacific, and BMC Medicine as the first or corresponding author. He serves as the Specialty Chief Editor in Section of Health Economics for the academic journal: Frontiers in Public Health.

Education

2003 - 2006	Ph.D. in Economics, State University of New York at Stony Brook, USA
2004 - 2006	Master of Public Health, State University of New York at Stony Brook, USA
2001 - 2003	M.A. in Economics, State University of New York at Stony Brook, USA
1998 - 2001	M.A. in Economics, Nankai University, China
1993 - 1997	B.A. in Economics, Tianjin University of Finance and Economics, China

Employment

2012 - present	Professor China Center for Health Development Studies Peking University
2019 - present	Vice Director Peking University Health Science Center – China CDC Joint Research Center for Vaccine Economics
2009 - 2013	Assistant Professor/Associate Professor Director of Master of Science Program Department of Health Systems, Management, and Policy Colorado School of Public Health

- 2007 - 2009 University of Colorado Denver, USA
 Research Assistant Professor
 Health Economics Research Group
 University of Miami, Florida, USA
- 2007 - 2009 Research Associate (Affiliated)
 John F. Kennedy School of Government
 Harvard University, USA
- 2006 -2007 Lecturer
 Department of Economics
 University of California Davis, USA

Academic and Social Services

- 2022 - present Director, Vaccine Economic Committee, China Association for Vaccine
- 2022 - present Chief Specialty Editor for Section of Health Economics, *Frontiers in Public Health* (SCI IF: 6.46)
- 2022 - present Vice Director and Secretary General, Public Health Economic Committee, China Health Economic Association
- 2022 - present Standing Committee Member, Professional Committee of Health Insurance, Chinese Preventive Medicine Association
- 2022 - present Standing Committee Member, Professional Committee of Obstetrical Education, Chinese Medical Doctor Association

10 Representative Research Grants (Principal Investigator)

- 2021.11-2024.10 Public health management system study, *National Social Science Fund of China (Major Project)*, Principal Investigator (Chief Expert)
- 2022.01-2022.12 Economic evaluation of pneumococcal and rotavirus vaccines in China, *Bill & Melinda Gates Foundation*, Principal Investigator
- 2022.01-2022.12 The function and mechanism of primary care on chronic disease management: a health system perspective, *Natural Science Foundation of Beijing*, Principal Investigator
- 2021.09-2022.12 Non-national immunization program vaccination policy study in China, *Bill & Melinda Gates Foundation/Bloomberg School of Public Health, Johns Hopkins University*, Principal Investigator
- 2019.11-2020.10 The 1st National Natural Science Foundation of China and Bill & Melinda Gates Foundation Global Health Joint Symposium, *Bill & Melinda Gates Foundation/National Natural Science Foundation of China*, Principal Investigator
- 2019.09-2020.08 An Economic Evaluation of Haemophilus Influenzae Type b (Hib) Vaccine for the introduction of China's National Immunization Program (NIP), *Bill and Melinda Gates Foundation*, Principal Investigator

- 2018.01-2021.12 Family physician contract services and impacts in China based on physician agency theory, *National Natural Science Foundation of China*, Principal Investigator
- 2018.01-2019.12 A subsidy program of gestational diabetes mellitus screening and lifestyle treatment in rural China, *China Medical Board (CMB)* in the United States, Principal Investigator
- 2015.04-2018.03 Learning from health systems strengthening in maternal and newborn health (MNH) in China to inform accelerated progress for saving, *Medical Research Council/London School of Hygiene and Tropical Medicine* in the United Kingdom, Principal Investigator
- 2014.01-2017.12 The effects of China's medical security system on health inequality in the context of medical reform, *National Natural Science Foundation of China*, Principal Investigator

10 Representative Articles

(# Corresponding author or co-corresponding author (senior author); * Supervised graduate students or post-doctors as the first or co-first author)

1. **Fang H[#]**, Eggleston K, Hanson K, Wu M. Enhancing financial protection under China's social health insurance to achieve universal health coverage. *BMJ* 2019;365:l2378.
2. Lai X*, Wahl B, Yu W, Xu T, Zhang H, Garcia C, Qin Y, Guo Y, Yin Z[#], Knoll MD[#], **Fang H[#]**. National, regional, and provincial disease burden attributed to Streptococcus pneumoniae and Haemophilus influenzae type b in children in China: Modelled estimates for 2010-17. *Lancet Regional Health Western Pacific*. 2022 Mar 16;22:100430.
3. Zhang H*, Garcia C, Yu W, Knoll M, Lai X, Xu Ting, Jing R, Qin Y, Yin Z[#], Wahl B[#], **Fang H[#]**. National and provincial impact and cost effectiveness of Haemophilus influenzae type b conjugate vaccine in China: a modeling analysis. *BMC Medicine*. 2021 Aug 11;19(1):181.
4. Rong H*, Lai X, Jing R, Wang X, **Fang H[#]**, Mahmoudi E. Association of sensory impairments with cognitive decline and depression among older adults in China. *JAMA Network Open*. 2020;3(9):e2014186.
5. Meng Q, **Fang H**, Liu X, Yuan B, Xu J. Consolidating the social health insurance schemes in China: towards a more equitable and efficient health system, *The Lancet*, 2015.10, 386 (10002): 1484-1492.
6. Davalos M, **Fang H**, French MT. Easing the pain of an economic downturn: macroeconomic conditions and excessive alcohol consumption. *Health Economics* 2012;21(11):1318-1335.
7. French MT, **Fang H**, Balsa A. Longitudinal analysis of changes in illicit-drug Use and health services utilization. *Health Services Research* 2011;46(3):877-899.
8. French MT, Norton EC, **Fang H**, Maclean JC. Alcohol consumption and body weight, *Health Economics* 2010;19(7):814-832.
9. **Fang H**, Rizzo JA. Competition and physician-enabled demand: the role of managed

care. *Journal of Economic Behavior and Organization* 2009;72(1):463-474.

10. **Fang H**, Ali MM, Rizzo JA. Does Smoking Affect Body Weight and Obesity in China? *Economics and Human Biology* 2009;7(3):334-350.

Books

Fang H, Editor, China Guidelines for Vaccine Economic Evaluation 2022, Peking University Health Science Center – China CDC Joint Research Center for Vaccine Economics

Fang H, Editor, Economic Evaluation of Five Non-Expanded Program on Immunization Vaccines in China, People's Medical Publishing House, 2021

Fang H, Rizzo JA. Physician labor supply, in Encyclopedia of Health Economics, edited by Culyer A. Elsevier. 2014, pp.56-60.

Teaching

Teaching Award

2021-2022, Best head teacher, Peking University

2020-2021, Excellent teaching award, Peking University Health Science Center

Graduate supervision

2019-2022, graduate students supervised by Professor Hai Fang were ranked #1 in the Department of Health Policy and Administration, School of Public Health, Peking University in 3 years in a row (there were more than 100 graduate students in the Department of Health Policy and Administration each year).