



北京大学人口研究所
Institute of Population Research



Abstracts of the 9th PKU Graduates Student Forum on Ageing and Health

Development of Health Services for Older Adults and the Construction of
Social Security Systems in the Context of an Ageing Society

Editors

- Gong Chen
- Chengmeng Zhang
- Wenyi Gong



Organized by

Institute of Ageing Studies, Peking University, China

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Gong Chen
Chengmeng Zhang
Wenyi Gong
(Editors)

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Student Forum on Ageing and Health*

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Editor

Prof. Gong Chen

Professor, Dean, Director
Institute of Population Research, Peking University
Institute of Ageing Studies, Peking University
Haidian, Beijing, China, 100871

Assistant Editors

Dr. Chengmeng Zhang

Research Associate
Institute of Ageing Studies, Peking University

Ms. Wenyi Gong

Research Associate
Institute of Ageing Studies, Peking University

Conference Organizer

Institute of Ageing Studies, Peking University

Conference Venue

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As authors submitted the final versions for inclusion in this Abstract Book, there might be slight adjustments in some content. Consequently, the titles of the presentations may differ slightly from those in the final version of the abstracts. Based on the authors' willingness to publish in the Abstract Book, some authors participated in the presentations but their abstracts were not included in this book, while other authors who did not present at the forum had their abstracts included.

PKUGSFA 2024

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Preface

In an era where longevity and the implications of an ageing population are at the forefront of global discourse, it is imperative to explore and understand the multifaceted challenges and opportunities this demographic shift presents. The 9th PKU Graduate Student Forum on Ageing and Health focuses on these critical issues, aiming to foster a comprehensive dialogue on the development of health services for older adults and the construction of robust social security systems.

This forum is a platform for young scholars to share their research and insights on a diverse range of topics, including healthcare accessibility for older adults, community-based health interventions, ageing-friendly environments, equity in geriatric care, and the integration of health technology. By bringing together perspectives and methodologies from various fields, the forum seeks to stimulate intellectual exchanges and drive innovation in addressing the needs of an ageing society.

The significance of this gathering lies in its dedication to addressing the National Strategy of Proactively Responding to Population Ageing. It highlights the importance of creating supportive environments that promote the well-being and active participation of older adults. The discussions and findings presented here are poised to contribute to the formulation of effective policies and practices that ensure a higher quality of life for the ageing population.

As we delve into these abstracts, we are reminded of the critical role that research and collaboration play in tackling the complexities of ageing. The insights gained from this forum will not only enhance our understanding of the current landscape but also pave the way for future advancements in the field. We hope that the knowledge shared in this collection will inspire ongoing research and action, fostering a society where older adults can thrive with dignity and vitality.

Prof. Gong Chen

President of PKU Graduates Student Forum on Ageing and Health

About the Conference

The 9th PKU Graduate Student Forum on Ageing and Health, co-organised by the Institute of Ageing Studies and the Institute of Population Research at Peking University, took place in early July 2024. Supported by the “Peking University Graduate Education Innovation Program” and the “PKU-UCL Strategic Partnership Fund – Ageing and Wellbeing Research Project,” the forum focused on advancing research and dialogue in the field of ageing and health.

The forum provided a platform for young scholars to present their research on topics such as the development of health services for older adults, social security systems, community-based health interventions, ageing-friendly environments, and geron-technology. Scholars from 49 universities worldwide submitted over 60 high-quality papers, with 26 selected for presentation. The event attracted over 200 in-person attendees and nearly 3,000 online participants, fostering a robust exchange of ideas and research findings.

Distinguished speakers offered keynote addresses that set the stage for the presentations and discussions that followed. Participants explored critical issues such as equity in geriatric care, the integration of health technology, and social policies for ageing populations.

The event also featured a collaborative component with the 7th PKU "Beijing-Hongkong-Macau-Taiwan Ageing Summer Camp" on Population Ageing, which enhanced interdisciplinary and international collaboration. Various sessions, such as "Older Adults Care Talks" and "Cross-Strait and Hong Kong-Macao Wellbeing Technology Reports," provided additional platforms for knowledge sharing and networking.

The forum concluded with a recognition of outstanding research contributions. Participants exhibited high enthusiasm in discussing their work, highlighting the innovative approaches and solutions being developed to address the challenges of an ageing society. The 9th PKU Graduate Student Forum on Ageing and Health successfully underscored the importance of interdisciplinary research and international cooperation in advancing the field of ageing and health.

To further summarise this conference, the forum organising committee, based on the willingness of speakers and contributors, compiled 16 abstracts of presentations at the forum and 6 specially selected abstracts to form this abstract collection. The organising committee hopes to spread the academic value of this forum and lay a foundation for future forums.

About the Editors



Professor Gong Chen is a director of the Institute of Ageing Studies and a director of the Institute of Population Research at Peking University, editor in chief of the *Journal of Population and Development* and deputy editor of the *Journal of Disability Research in China*.

As the principal investigator, Prof. Chen successfully conducted more than 50 national research projects on population health and ageing, the ageing industry, gerontechnology, and disability prevention supported by the National Natural Science Foundation of China,

National Social Science Fund of China, Ministry of Education of China, Ministry of Science and Technology of China, China National Health and Family Planning Commission, the Ministry of Civil Affairs and other state ministries and commissions in China. Prof. Chen also directed an assessment of the implementation of the Madrid International Plan of Action on Ageing in China in the fifth and tenth years. Prof. Chen was the leader for a national experts group of disability and ageing for the government and has participated in drafting, revising and writing many major national policy documents on population ageing and disability.

In recent years, Prof. Chen has published more than 80 SCI/SSCI papers and more than 60 CSSCI/CSCD articles. He has translated 5 books and published 3 books. He has won more than 20 scientific research awards such as the First Class of Science and Technology Progress Award by the Ministry of Education of China, the special award in a disability survey by the State Council of China.

Prof. Chen served as the director of Voluntary Service and Charity Division of CAGG (China Association of Gerontology and Geriatrics), director of Disability and Statistics of CDRS (China Disability Research Society), Technical Consultant of the National Information and Accessibility Expert Committee of China, an executive member of the council of the China National Industry Association on Ageing and so on.

In 2010, Prof. Chen was elected as a member of the youth committee of Chinese Central Government Departments. In May 2014, Prof. Chen was awarded as the National Advanced Individual in Helping People with Disabilities, awarded by Chinese President Xi and Premier Li. In 2015, Prof. Chen reported on a proposal of the disability and social welfare system to the CPPCC Chairman, Mr. Zhengsheng Yu, which was broadcasted on CCTV news.



Dr. Chengmeng Zhang is a doctoral candidate of Demography at PKU, where he is the recipient of the PKU-BHP Weiming-Fellow Scholarship in the field of Carbon and Climate. He was an Academic Visitor at the Oxford Institute of Population Ageing (University of Oxford), from October 2023 to June 2024, and also a Visiting Research Associate Staff at the University College London (UCL), from the May 2024 to June 2024. Chengmeng is actively involved in several academic capacities, as a youth editorial member of the *Journal of Intelligent Society* (in Chinese), Article Editor (AE) of SAGE Open, and holds membership in renowned academic organizations such as IEEE. He also serves as research associate at Institute of Ageing Studies, Peking University, coordinator-in-chief of the Ageing and Wellbeing Initiative (ageingandwellbeing.org) with other colleagues. He is also an invited member of several thematic Discussion Groups on the United Nations Volunteers (UNV) Knowledge Portal. He holds multiple patents as a co-author. He has demonstrated his expertise by publishing research in various Chinese and international peer-review academic journals (SCI/SSCI/CSSCI), including contributions to the *Lancet Global Health*, *Aging and Disease*, *Environmental Politics*, *Sustainability: Science, Practice and Policy*, *IJERPH*, *Journal of Aging and Physical Activity*, *IEEE Transactions on Technology and Society*, and *Disability Research* (in Chinese). His interests mainly focus on the fields of climate sociology (climate demography), environmental effect on health, aging research in smart societies, and philanthropy. These fields may seem diverse, but in fact the overlapping content is very concentrated.



Ms. Wenyi Gong is a master candidate at the Institute of Population Research, Peking University. Wenyi obtained a bachelor's degree in Management from Peking University. Currently, Wenyi is pursuing a master's degree in Population Economics under the guidance of Supervisor Gong Chen since 2022, focusing on the social participation and health of older adults. She also serves as research associate at Institute of Ageing Studies, Peking University, coordinating and cooperating the Ageing and Wellbeing Initiative (ageingandwellbeing.org) with other colleagues. Since October 2023, Wenyi has been an academic visitor at the Oxford Institute of Population Ageing. Wenyi's research interests include employment, labor force participation, intergenerational transfer, and the health issues of older people. Wenyi has also conducted research on time banks and education, the transformation of social enterprises in China, and perceptions of ageing.

Program Schedule

July 3 (Wednesday) Conference Schedule

9:00-9:10 Opening Ceremony

Main Track: Development of Health Services for Older Adults in the Era of Longevity

9:10-9:20

Caught in the Middle: The Crowding-Out Effect of Children's Education on the Health of Older Adults in Three-Generation Families - An Empirical Study Based on Urban-Rural Differences
Qi Liu, Northwest A&F University

9:20-9:30

The Symphony of Filial Piety: Sibling Interactions and Support Choices in Multi-Child Families
Jiale Tian, Capital University of Economics and Business

9:30-9:40

The Association between Marriage Status and Mild Cognitive Impairment among Chinese Older Adults: A Prospective Cohort Study
Xiaohan Zhu, Peking University

9:40-9:50

Effect of Two-Way Social Support and Social Network on the General Well-Being of Chinese Older Adults: A Latent Profile Analysis
Jingrui Tao, Wenzhou Medical University

9:50-10:00

Challenges and Solutions for Rural Older Adults in the Context of Rural Revitalisation
Wei Zhou, Northwestern Polytechnical University

10:00-10:10

How Does Mutual Support Pension Mode Realise Value Co-Creation? - A Case Study of the "Time Bank Project" in N City
Zitong Wang, Beijing University of Chemical Technology

10:10-10:40

Expert Commentary

Professor Juhua Yang, School of Ethnology and Sociology, Central Minzu University
Professor Xinming Song, Institute of Population Research, Peking University

July 4 (Thursday) Conference Schedule

Parallel Forum I: Ageing Health and Sustainable Development

9:00-9:10

Impact of Formal Social Support on Housing Arrangements for Older Adults

Huan Liu, Yunnan University

9:10-9:20

Characteristics and Influencing Factors of Domestic Time Bank Policy Diffusion from a Multiple Streams Perspective

Xing He, Peking University

9:20-9:30

The Association between Air Pollutants and Risk of Frailty: Results of the China Health and Retirement Longitudinal Study (CHARLS)

Yuquan Chen, Monash University

9:30-9:40

Urban Renewal and Mental Health of Older Adults: Micro-Evidence and Mechanisms

Hao Yang, Yanshan University

9:40-9:50

Constructing a Collaborative Mechanism for Integrated Medical and Nursing Services at the Grassroots Level from the Perspective of Risk Society: A Study Based on the Survey and Reflection in S Community, H City

Yizhou Zhang, China University of Mining and Technology

9:50-10:30

Expert Commentary

Associate Professor He Chen, School of Public Administration, Renmin University of China

Associate Professor Long Li, School of Population and Health, Renmin University of China

Associate Professor Jiamin Gao, School of Sociology, Beijing Normal University

Parallel Forum II: Ageing Health and Information Technology

9:00-9:10

The Practice of "Active Ageing": A Study of Social Support in Virtual Communities for Older Adults
Lei Wang, Shanxi University

9:10-9:20

Digital Divide and Health Perception of Older Adults: An Analysis of Tracking Research
Runqing Li, Shandong University

9:20-9:30

Digital Acupuncture for Older Stroke Patients: A Prospective Study Based on Clinical and Neuroimaging
Tianzhu Chen, Dongzhimen Hospital, Beijing University of Chinese Medicine

9:30-9:40

Opportunities and Challenges of Implementing Public Health Education Using Digital Technologies in Community Public Service Spaces in Macao Amidst the Trend of Population Ageing
Ting Liu, Macao Polytechnic University

9:40-9:50

The Association between Smart Products and Cognitive Levels in Older Adults
Hao Ren, Peking University

9:50-10:30

Expert Commentary

Associate Professor Chengbo Li, School of Journalism, Chongqing University
Senior Research Fellow Zhenjie Wang, Institute of Population Research, Peking University

Parallel Forum III: Ageing Health and Social Security Systems

10:45-10:55

Does Long-Term Care Insurance Improve Health and Reduce Health Inequality among Older Adults?
An Empirical Study Based on CHARLS Data
Yonggao Zhang, Wuhan University

10:55-11:05

A Comparative Study of Policies for Protecting the Cultural Rights of Older Adults in China and Japan: A Three-Dimensional Analysis Framework
Rong Niu, Wuhan University

11:05-11:15

Impact of Removing Medical Consumables Surcharges on Medical Costs for Older Cataract Patients
Ying Xu, Peking University

11:15-11:25

How Public Insurance Alleviates Long-Term Care Risks in Developing Countries: The Interaction between Formal and Informal Insurance
Xiaoqing Yu, Xiamen University

11:25-11:35

Basic Pension Benefits, Intergenerational Family Transfers, and Reemployment after Retirement: Theoretical Mechanisms and Micro Evidence
Xiaoyu Dong, Capital University of Economics and Business

11:35-12:15

Expert Commentary
Senior Research Fellow Zhendong Wu, School of Law and Humanities, Wuhan University of Technology
Associate Professor Jiling Sun, Nanjing Normal University of Special Education

Parallel Forum IV: Ageing Health for Modernisation

10:45-10:55

The Impact of Ageing Adaptation Renovations on the Quality of Life of Older Adults: An Empirical Analysis Based on Hierarchical Linear Modelling (HLM)

Xudong Zhang, Yanshan University

10:55-11:05

Impact of Functional Disability on Depressive Symptoms among Middle-Aged and Older People in China: Evidence from China Health and Retirement Longitudinal Study

Xinying He, Southwest Jiaotong University

11:05-11:15

Perceived Community Environment and Health-Related Quality of Life among Chinese Older Adults: The Mediating Role of Sedentary Behavior

Zhe Yuan, Renmin University of China

11:15-11:25

Design Strategies for Art Therapy Products to Enhance the Subjective Well-Being of Older Adults

Zixie Chen, Central South University

11:25-11:35

Effectiveness of Lifelong Learning Courses for Older Adults in One-Day Training Programs

Zhiqin Huang, Chung Cheng University

11:35-12:15

Expert Commentary

Research Fellow Guogui Huang, Macquarie University

Assistant Professor Chao Guo, Institute of Population Research, Peking University

12:15-12:30

Closing Ceremony

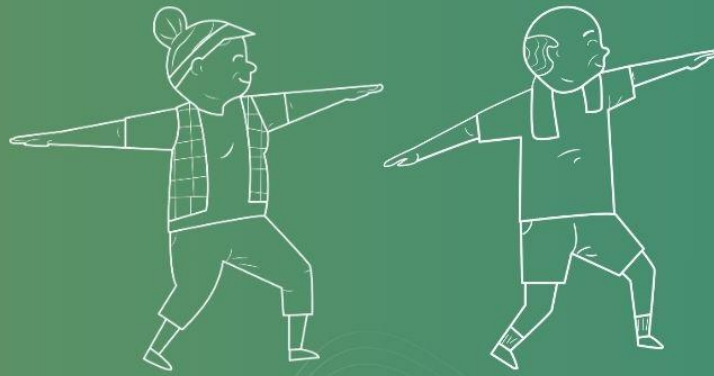


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