Kowkam (Shuyuan) Zhang

Email: kowkam.zhang@mail.utoronto.ca
Personal Website: https://cheungkowkkam.github.io
ORCID ID: 0009-0004-6696-4045

EDUCATION

University of Toronto, Institute of Health Policy & Management

PhD in Health Systems Research 09/2026 - Present

Emphasis: Health Economics

Johns Hopkins University, Bloomberg School of Public Health

MHS in Global Health Economics 08/2024 - 05/2025

- ***Award:*** 2024-25 Johns Hopkins Primary Care Policy Center Assistantship
- ***Thesis:*** Does Welfare Lottery Promote Innovation in Assistive Technology for Persons with Disabilities? Evidence from China's Ministry of Civil Affairs Welfare Lottery Fund for Persons with Disabilities

The Hong Kong Polytechnic University

College-Funded Exchange Student 07/2023 - 08/2023

- Ranking **3rd** on the list of students selected for the college-funded exchange program.
- ***Course:*** Multilingual Societies: Hong Kong and Beyond (3 credits)

Sichuan University, School of Economics

Bachelor of Economics 09/2020 - 06/2024

- ***Ranked: 1/73***
- ***Award:*** Chinese National Scholarship, University Top 100 Students Scholarship
- ***Thesis:*** Welfare Lottery Fund, Livelihood Financial Expenditures and the Level of Elderly Services: An Empirical Test Based on Chinese Inter-Provincial Panel Data.

EMPLOYMENT EXPERIENCE

Department of Health Policy & Management (Johns Hopkins Primary Care Policy Center),
Johns Hopkins Bloomberg School of Public Health

Research Associate (Full-time) 05/2025 - 09/2026

Graduate Research Assistant (Part-time) 09/2024 - 05/2025

PUBLICATIONS

1. Chen, L., **Zhang, K.**, & Duan, L. (2026). Media environmental coverage and corporate green innovation: a dual-mechanism test based on incurred regulatory pressure and institutional investors' green attention. *Finance Research Letters* **[SSCI Q1, 5-year IF=7.2]**, *92*, Article 109581. https://doi.org/10.1016/j.frl.2026.109581
2. Duan, L., & **Zhang, K.** (2024). Has welfare lottery issuance effectively alleviated urban–rural income inequality? Empirical evidence from the perspective of livelihood-oriented fiscal expenditure (in Chinese). *Labor Economic Review* **[Chinese SSCI]**, *17*(1), 215-236. https://www.cnki.net/KCMS/detail/detail.aspx?dbcode=CCJD&dbname=CCJDLAST2&filename=LDJP202401011&uniplatform=OVERSEA&v=SVHmiY7smxBH1wF5JKV6gPRxgbJjyJkyRVTT4gUGZkUdlO9ib_WTAfF_3A7FxHzj
3. **Zhang, K.**, Chang, L., & Zou, T. (2022). Exploring the medical burden of thyroid tumour patients under the reform of critical illness insurance in China: In the patient's subjective perspective. *BCP Business & Management*, *24* (Proceedings of the 3rd International Conference on World Economy and Project Management (WEPM 2022)), 335-339. https://doi.org/10.54691/bcpbm.v24i.1515
4. **Zhang, K.**, Feng, W., Ren, Y., & Zou, T. (2022). *Critical Illness Insurance Analysis System (Version 1.0)* [Computer software]. National Copyright Administration of the People's Republic of China. Registration No. 2022SR075292.

WORKING PAPERS

Economics

1. Socioeconomic Inequality in Access to Sports Social Networks and Their Association with Health in China
   Longlong Duan, Leiyu Shi, **Kowkam Zhang**
   Working Paper, October 2026.

2. Does Welfare Lottery Promote Innovation in Assistive Technology for Persons with Disabilities? Evidence from China's Ministry of Civil Affairs Welfare Lottery Fund for Persons with Disabilities
   Longlong Duan, Leiyu Shi, **Kowkam Zhang**
   Working Paper (Under Review), May 2025.

Public Health

1. The Contribution of Primary Care Systems to Health Outcomes within Organization for Economic Cooperation and Development (OECD) Countries, 1995–2020
   Kowkam Zhang, Leiyu Shi
   Working Paper, September 2026.
2. Assessing Primary Care System Strength across OECD Countries: A Composite Index Approach and Cross-National Evidence
   Kowkam Zhang, Leiyu Shi
   Working Paper (Under Review), April 2026.
3. Measuring the strength of primary care systems in OECD countries: a narrative review of concepts, instruments and evidence
   Kowkam Zhang, Leiyu Shi
   Working Paper (Under Review), November 2025.

RESEARCH EXPERIENCE

R&D of Saliva-Based Non-Invasive Blood Glucose Monitoring Products and Cost-Effectiveness Analysis *(Ministry of Education Industry-Academia Collaborative Innovation and Entrepreneurship Joint Fund Project)*
Principal Investigator 06/2022-06/2024

NDRC International Cooperation & China Urban Planning Institute Zhejiang Branch
Health Technology Assessment Research Assistant (Remote, Intern) 03/2023-03/2024

National Resource Economy Research Center of Peking University
Research Assistant (Remote, Intern) 10/2022-03/2023

The Impact of China's Critical Illness Insurance Reform on the Comprehensive Medical Burden of Thyroid Tumor Patients *(Provincial College Student Scientific Research Project)*
Principal Investigator 10/2021-09/2022

Artificial Intelligence Risk Prediction Model for Pediatric Lymph Node Pathological Enlargement *(Provincial College Student Scientific Research Project)*
Team Member 10/2020-09/2021

HONORS & AWARDS

Scholarship

2023 - 2024 Chinese National Scholarship (Ranked 1st in the major, 8,000RMB)
Ministry of Education, China

2023 - 2024 Comprehensive 1st-Class Scholarship (Top 1% in the major, 2500RMB)
Sichuan University, Chengdu, China

2022 - 2023 University Top 100 Students Scholarship (4 recipients across all degree levels within the School of Economics, 5000RMB)
Sichuan University, Chengdu, China

2022 - 2023 Chinese National Inspirational Scholarship (Ranked 2nd in the major, 5000RMB)
Ministry of Education, China

Honor

- Outstanding Graduate of Sichuan Province, Sichuan Provincial Department of Education, 2024
- Outstanding Graduating Student Leader, Sichuan University, 2024
- Self-Improvement Star of Chinese College Students (Nominee), Sichuan University, 2023
- Top 100 Collectives of Sichuan University (Team Member), Sichuan University, 2023
- Grade A Certificate of Comprehensive Quality for College Students, Sichuan Provincial Students' Federation, 2022
- Outstanding Student Leader, Sichuan University, 2022
- Outstanding Youth Volunteer, Sichuan University, 2021

Awards

- **National Gold Award**, "Chuang Qingchun" China Youth Innovation and Entrepreneurship Competition (Science and Technology Track), 2025 (Team Leader; *Organized by the Central Committee of the Communist Youth League*)
- **Global Silver Award**, China International College Students' Innovation Competition, 2025 & 2024 (Team Leader; *Organized by the Ministry of Education*)
- **National Gold Award**, China International College Students' Innovation Competition, 2023 & 2022 (*Organized by the Ministry of Education*)
- **National First Prize**, China Collegiate Service Outsourcing Innovation and Entrepreneurship Competition, 2023 (Deputy Team Leader; *Organized by the Ministry of Commerce*)
- **National Third Prize**, New Engineering Innovation Competition for Industrial Integration Development, 2023 (Team Leader; *Organized by the Ministry of Industry and Information Technology*)
- **National Third Prize**, iCAN College Student Innovation and Entrepreneurship Competition, 2023 (Team Leader; *Organized by the China Information Association*)
- **National Bronze Award**, "Challenge Cup" China College Students' Entrepreneurship Plan Competition, 2022 (*Organized by the Central Committee of the Communist Youth League*)
- **National Third Prize**, National College Students' Social Practice and Science & Technology Competition on Energy Conservation and Emission Reduction, 2022 (*Organized by the Department of Higher Education, Ministry of Education*)

CONFERENCES & PRESENTATIONS

08/2023 The 2nd Leadership Forum of the National University Innovation and Entrepreneurship Association
- Location: *Beijing, China*
- *Representative of Sichuan University*

05/2023 The 12th China Youth Economics Forum in the New Era
- Location: *Beijing, China*
- Presented Paper: *Does Welfare Lottery Promote Innovation in Assistive Technology for Persons with Disabilities? Evidence from China's Ministry of Civil Affairs Welfare Lottery Fund for Persons with Disabilities*
- *Academic Representative (one of only 108 selected nationwide)*

10/2022 2022 5th International Conference on Global Economy, Finance and Humanities Research
- Location: *New York, the United States (Remote)*
- Presented Paper: *Exploring the medical burden of thyroid tumour patients under the reform of critical illness insurance in China-In the patient's subjective perspective*
- *Presenter*

SKILLIS & STANDARDIZED TESTS

Graduate Record Examination **(GRE)**
International English Language Testing System **(IELTS)**

Programming Language:

- Expert: STATA, LaTeX.
- Advanced: Python, R.