

EDUCATION

Doctor of Philosophy in Economics

Department of Economics and Related Studies
Centre for Health Economics, University of York, United Kingdom
Expected: December 2024

Thesis: Acute physical health shock and mental health

Master of Science in Health Economics

Department of Economics and Related Studies, University of York, United Kingdom
Distinction and ranked 1st in cohort
Dissertation: Predicting the impact of vaccination strategies in the COVID-19 pandemic using a Susceptible-Exposed-Infectious-Removed (SEIR) model. Value in Health (2021).

Master of Arts in English

School of English, Faculty of Arts, University of Hong Kong, Hong Kong SAR

Bachelor of Medicine and Bachelor of Surgery

Faculty of Medical Sciences, Wuhan University, PR China

SELECTED RESEARCH AND APPOINTMENTS

Impact of physical health shock on inpatient and community specialised mental health care utilisation

Centre for Health Economics, University of York, United Kingdom
Study on impact of acute health shocks on the utilisation of NHS England mental health services using Hospital Episode Statistics (HES), and Mental Health Services Data Set (MHSDS).

Role: PhD thesis

Dissemination: European Health Economics Association (EuHEA) PhD Conference 2024, Health Econometrics and Data Group (HEDG) workshop 2024

Physical health shock and depression

Centre for Health Economics, University of York, United Kingdom
Study on impact of acute health shocks on depression using The English Longitudinal Study of Ageing (ELSA).

Role: PhD thesis.

Dissemination: HEDG workshop 2022, Health Economists' Study Group (HESG) 2023

Using SEIR model to evaluate vaccination strategies for COVID-19

Adelphi Values, United Kingdom
Role: MSc thesis.
Dissemination: Predicting the impact of vaccination strategies in the COVID-19 pandemic using a Susceptible-Exposed-Infectious-Removed (SEIR) model. Value in Health (2021).

Developing an initial framework for the measurement of National Health Service mental health care outputs, outcomes and productivity

Centre for Health Economics, University of York, United Kingdom
Commissioned study on measuring productivity of NHS mental health care.
Role: Researcher on quality indicators for NHS mental health trusts.
Dissemination: Department of Health and Social Care (DHSC) report, research paper in progress.

Productivity of the English National Health Service

Centre for Health Economics, University of York, United Kingdom

Commissioned study on measuring productivity of NHS England.

Role: Researcher on community prescribing and costs.

Dissemination: Department of Health and Social Care (DHSC) report, CHE research paper.

Understanding society research springboard

Institute for Social and Economic Research, University of Essex, United Kingdom

Research springboard to introduce and promote usage of UKHLS.

Role: As a participant, I teamed up with researchers from Lancaster and York to analyse the impact of withdrawal of funding on young people's mental health outcome in the UK.

Dissemination: Regional trends in mental health inequalities in young people aged 16–25 in the UK and the role of cuts to local government expenditure: Repeated cross-sectional analysis using the British Household Panel Survey/UK Household Longitudinal Survey, Social Science and Medicine (2024)

Healthcare manpower planning projection

School of Public Health, The University of Hong Kong, Hong Kong SAR

Strategic review on healthcare manpower planning and professional development. Food and Health Bureau, the Government of the Hong Kong SAR. Hong Kong.

Role: Project Manager, questionnaire design, data collection, requests and analysis, supply-side projection, report writing.

Dissemination: Government report.

Hong Kong domestic health accounts and provision of professional support services

Food and Health Bureau, the Government of the Hong Kong SAR, Hong Kong SAR.

Role: Analyst, data collection and estimation, compilation of health expenditure and validation of results, report writing, presentation.

Dissemination:

Hong Kong domestic health spending: financial years 1989/90 to 2012/13. Hong Kong Med J 22, no. 3 Supplement 3 (2016).

Hong Kong domestic health spending: financial years 1989/90 to 2013/14. Hong Kong Med J 23, no. 3 Supplement 4 (2017).

Hospital accreditation outcome research programme

School of Public Health, The University of Hong Kong, Hong Kong SAR

3-year pre-and-post study on the impact of hospital accreditation on patient experience, organisational culture, and quality improvement at Queen Mary Hospital.

Role: Researcher, literature review, data cleaning and analysis, report writing, stakeholder engagement.

Dissemination: The influence of hospital accreditation: a longitudinal assessment of organisational culture. BMC Health Serv Res 19, 467 (2019).

OTHER PUBLICATIONS AND EXPERIENCES

Rational use of face masks in the COVID-19 pandemic. *The Lancet Respiratory Medicine* (2020).
Aronson Teaching Prize (2022), University of York.
Certificate of Appreciation for York Covid-19 pandemic response (2021), City of York Council.
Health Economics Award (2020), University of York.
Academic Excellence Scholarship (2019), University of York.
Teaching Excellence Award (2021), Department of Economics and related Studies.
Teaching Excellence Award (2020), Department of Economics and related Studies.
1st year PhD student representative, Department of Economics and Related Studies.
2nd year PhD student representative, Department of Economics and Related Studies.
Co-founder and treasurer of the University of Hong Kong Public Health Alumni Society.
Treasurer of the University of York World Cinema Society.

CORRESPONDENCE

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