

Terence C. Cheng

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Research Interests

Health Economics, Health Policy, Labour Economics, Applied Econometrics

Education

Ph.D. Health Economics, Australian National University, 2011

M.Soc.Sci., Economics, National University of Singapore, 2005

B.Soc.Sci. (Honours), Economics, National University of Singapore, 2002

Academic Positions

Harvard University, T.H. Chan School of Public Health, Research Scientist, May 2021 - present

University of Adelaide, School of Economics, Senior Lecturer*, 2015 - May 2021.

University of Melbourne, Melbourne Institute, Honorary Senior Fellow, 2015 - 2020

Singapore Management University, Centre for Research on the Economics of Ageing, Senior Research Fellow, 2019 - 2020

Singapore Management University, School of Economics, Visiting Associate Professor, 2019.

University of Melbourne, Melbourne Institute, Research Fellow, 2009 - 2014

Short-Term Visits

Auckland University of Technology, Centre for Social Data Analytics, Visiting Scholar, 2018 - 2019

University of Michigan, Ross Business School, Visiting Scholar, November 2017

Publications

Journal Articles (Health Economics, Economics)

Cheng T.C, K. Koh and S. Kim, "Life satisfaction changes and adaptation in the COVID-19 pandemic: Evidence from Singapore", Accepted at *Singapore Economic Review*, April 2022.

Jayawardana D., N. Baryshnikova and Cheng T.C., 2022 "The long shadow of child labour on adolescent mental health: A quantile approach". *Empirical Economics*, doi.org/10.1007/s00181-022-02241-5

Ampofo A., Cheng T.C., and Doko-Tchatoka F., 2022. "Oil extraction and spillover effects into local labour market: Evidence from Ghana" . *Energy Economics*, 106, 105699.

Buchmueller T., Cheng T.C., Pham N.A and Staub K., 2021. "The effect of income-based mandates on the demand for private health insurance and its dynamics." *Journal of Health Economics*, 75, 102403. doi.org/10.1016/j.jhealeco.2020.102403

Song J. and Cheng T.C., 2020. "How do gender differences in family responsibilities affect doctors' labour supply? Evidence from Australian panel data." *Social Science and Medicine*, 265, 113475. doi.org/10.1016/j.socscimed.2020.113475

Yang, O., Chan M.K., Cheng T.C., and Yong J., 2020. "Cream-skimming: Theory and evidence from hospital transfers and capacity utilization," *Journal of Economic Behavior & Organisation*, 173, 68-87

Cheng T.C, J. Li, and Vaithianathan R., 2019. "Monthly spending dynamics of the elderly following a health shock: Evidence from Singapore," *Health Economics*, 28(1), 23-43

Cheng T.C, Kalb G. and Scott A., 2018. "Public, private or both? Analysing factors influencing the labour supply of medical specialists", *Canadian Journal of Economics*, 51(2), 660-692

Cheng T.C, Costa-Font J., and Powdthavee N., 2018, "Do you have to win it to fix it? A longitudinal study of lottery winners and their health care demand", *American Journal of Health Economics*, 4(1), 26-50

Kalb G., Kuehnle D., Scott A., Cheng T.C., and Jeon S-H., 2018. "What factors affect doctors' hours decisions? Comparing structural discrete choice and reduced-form approaches", *Health Economics*, doi 10.1002/hec.3572

Cheng T.C, Powdthavee N., and Oswald A., 2017. "Longitudinal evidence for a midlife nadir in human well-being: Results from four data sets", *Economic Journal*, 127(559), 126-142

Schurer S., D. Kuehnle, A. Scott and T.C. Cheng (2017), "One man's blessing, another woman's curse: Do family factors explain the gender-earnings gap of doctors". *Industrial Relations: a Journal of Economy and Society*, 55, 385-414

Cheng T.C and Trivedi P., 2015. "Attrition bias in panel data: A sheep in wolf's clothing? A case study based on the MABEL survey", *Health Economics*, 24(9), 1101-1117

Cheng T.C., Haisken-Denew J., and Yong J., 2015. "Creaming skimming and hospital transfers in a mixed public-private system", *Social Science and Medicine*, 132, 156-164

Cheng T.C. (2014), "Measuring the effects of removing subsidies for private insurance on public expenditure for health care". *Journal of Health Economics*, 33, 159-179

Cheng T.C., Palangkaraya A., and Yong J., 2014. "Hospital utilisation in a mixed public-private system: Evidence from Australian hospital data", *Applied Economics* 46(8), 859-870

Cheng T.C., Scott A., Jeon S-H., Kalb G., Humphreys J., and Joyce C., 2011. "What factors influence the earnings of General Practitioners and medical specialists in Australia? Evidence from the MABEL survey", *Health Economics* 21(11), 1300-1317

Journal Articles (Health Policy)

Fu H., Xu D., Zhan J., Cheng T.C, and Yip W, 2022 "Understanding online dual practice of public hospital doctors in China: a mixed-methods study". *Health Policy and Planning*, doi.org/10.1093/heapol/czac017

Cheng T.C, Fu H., Xu D., and Yip W., 2022 "Technology platforms are revolutionizing health care service delivery in China" *New England Journal of Medicine Catalyst* [Commentary], doi: 10.1056/CAT.21.0414.

Edney, L., Haji Afzali H., Cheng T.C., and Karnon J., 2018. "Mortality reductions from increased public health care expenditure: a role for instrumental variable mean and quantile estimates", *Health Policy*, 122(8), 892-899

Edney, L., Haji Afzali H., Cheng T.C., and Karnon J., 2018. "Estimating the reference ICER for the Australian health system", *Pharmacoeconomics* 36(2), 239-252

Wang W.C., Joyce C., and Cheng T.C., 2015. "Changes in doctors' working hours: A longitudinal analysis", *Medical Care Research and Review*, 72(5), 605-621

Cheng T.C., Joyce C., and Scott A., 2013. "An empirical analysis of public and private practice by medical specialists in Australia". *Health Policy* 111(1), 43-51

Commission Reports, Etc.

Cheng T.C. "Modelling the impact of private health insurance rebate changes on public hospital utilisation and expenditure". Department of Health and Human Services, Victoria, Australia. January 2016.

Cheng T.C. "Book Review: Moral Hazard in Health Insurance", by Amy Finkelstein (Columbia University Press, New York, 2014). *Economic Record*, 2015, 91(295), 537-539.

Yan W., D. Kuehnle, A. Scott, T.C. Cheng et al. "MABEL User Manual". 2010—2014.

Scott A., M. Liu, J. Yong and T.C. Cheng. "Determinants of medical wage cost". Department of Health, Victoria, Australia. July 2014.

Cheng T.C. "Earnings and job satisfaction among medical workers in Cambodia". World Bank. May 2014.

Scott A., C. Joyce, T.C. Cheng and W. Wang. "Medical career path decision making: A rapid review". Sax Institute, NSW Ministry of Health. August 2013.

Yan W., T.C. Cheng et al. "Data Survey: Medicine in Australia: Balancing Employment and Life (MABEL)". *Australian Economic Review*, 2011, 44(1), 102-112.

Scott A., P. Sivey and T.C. Cheng. "Patterns and determinants of medical and nursing workforce exits". National Health Workforce Planning and Research Collaboration, December 2011.

Scott A. and T.C. Cheng. "Workload measures for allied health workforce". National Health Workforce Taskforce, May 2010.

Grants Tenders

"Research studying how countries publicly finance long-term care". Funder: World Health Organization Kobe Centre. Role: Co-Principal Investigator. US\$243,680. 07/2022–06/2023.

Honours & Awards

Australian Endeavour Research Fellowship, 2018

Executive Dean's Award for Research Excellence, 2017

Executive Dean's Commendation for Research Excellence, 2015

Traveling Scholarship, Conference of the Australian Health Economics Society, 2008.

Invited Seminars, Forums

2021 International Health Economics Association World Congress (Invited discussant).

2020 Health and Well-Being Workshop Melbourne; Workshop on Variations in Health Care (Invited moderator).

2019 Auckland University of Technology; Centre for Business and Economics of Health, University of Queensland; Deakin University; Singapore-Japan Academic Forum on Ageing, Hitotsubashi University.

2018 Victoria University of Wellington; Singapore Management University Japan-Singapore Joint Workshop on Ageing; Monash University; Centre for Global Food and Resources.

2017 Health and Well-Being Workshop Melbourne; University Technology Sydney; Centre for Research on Economics of Aging Policy Roundtable, Singapore; University of Western Australia (September); University of Michigan; McMaster University; University of Toronto.

2013 National Centre for Social and Economic Modelling.

2012 Monash University.

Conference & Workshop Presentations

2021 International Health Economics Association World Congress (Session organizer, chair; presenter)

2019 Australasian Workshop on Econometrics and Health Economics; International Health Economics Association World Congress; Australian Health Economics Society Conference.

2018 Australian Health Economics Society Conference.

2017 Australasian Workshop on Econometrics and Health Economics; Labour Econometrics Workshop.

2016 European Conference of Health Economics; Econometrics Workshop Adelaide.

2015 International Panel Data Conference; Australian Health Economics Society Conference.

2014 MABEL Data User Training; MABEL Research Forum; Australasian Workshop on Econometrics and Health Economics; Inaugural Conference of the Singapore Health Economics Association; Australian Health Economics Society Conference.

2013 Australasian Workshop on Econometrics and Health Economics; World Congress on Health Economics; Australian Health Economics Society;

2012 University of Wollongong; European Conference on Health Economics; Commonwealth Treasury; Australasian Workshop on Econometrics and Health Economics.

2011 Australian Conference of Health Economists; World Congress on Health Economics; Annual Meeting of the Canadian Health Economics Study Group.

2010 World Congress of the Econometric Society; University of York; Workshop on Applied Health Economics and Policy Evaluation; University of Adelaide; Australasian Workshop on Econometrics and Health Economics.

Teaching

Harvard University

Master, PhD: Econometrics for Health Policy (Fall, 2022)

University of Adelaide

Undergraduate: Data Analytics (2020), Advanced Economic Analysis (2015-2019), Quantitative Methods for Economic Analysis (2020)

Master: Applied Health Economics Evaluation Research Project (2019)

Ph.D:

Courses: Advanced Econometrics (2015-2020)

Student Supervision (current)

Jia Song (external)

Student Supervision (past):

Danusha Gunaseela (co-supervisor, 2020; first job: University of Queensland)

Frank Darkwah (chair, 2019)

Akwasi Ampofo (co-supervisor, 2019; first job: Royal Australian College of Surgeons)

Dessie Ambaw (co-supervisor, 2017; first job: University of Adelaide)

Singapore Management University

Undergraduate: Health Systems and Policy (2019)

Professional Service

International Health Economics Association

Scientific Committee Review Panel member, 14th conference, virtual, 2021.

Scientific Committee Review Panel member, 13th conference, Basel, Switzerland, 2019.

Scientific Committee Review Panel member, 12th conference, Milan, Italy, 2017.

Australian Health Economics Doctoral Conference

Scientific Committee Member, 8th conference, virtual, 2020.

Scientific Committee Member, 7th conference, Melbourne, Australia, 2019.

Reviewer for: American Journal of Health Economics, Economic Record, Health Economics, Health Economics Policy and Law, Health Policy, Health System and Reform, Human Resource for Health, International Journal of Environmental Research and Public Health, International Journal of Health Care Financing and Management, Journal of Economic Behaviour and Organisation, Journal of Health Economics, Management Science, National Science Foundation, Public Opinion Quarterly, Singapore Economic Review, Social Science and Medicine.

University Service

University

Member, Faculty of Professions Research Taskforce, 2018

Co-Lead, Outreach Systems Theme, Engage for Change, Faculty of Professions, 2018

School of Economics

Honours Coordinator, School of Economics, 2018 - 2020

Research Committee member, School of Economics, 2016 - 2017

Recruiting Committee, School of Economics, 2016, 2017

Seminar Coordinator, School of Economics, 2015 - 2016

Professional Memberships

Australian Health Economics Society, International Health Economics Association