

# GANG CHEN

PhD, MMgtSc, BMed

## Professor & Head | Cancer Health Services Research Unit

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## EMPLOYMENT (LinkedIn)

Professor, Melbourne School of Population & Global Health, University of Melbourne, 7/2024-present

Associate Professor, Centre for Health Economics, Monash Business School, Monash University, 2018-2024

Senior Research Fellow, Centre for Health Economics, Monash Business School, Monash University, 2016-2018

Research Fellow, School of Medicine, Flinders University, 2012-2016

Research Fellow, China Center for Pharmacoeconomics and Outcomes Research, Peking University, 2007-2009

## HONORARY APPOINTMENTS

Honorary - Clinical and Health Services Research, Peter MacCallum Cancer Centre, 7/2024-present

Adjunct Professor, Centre for Health Economics, Monash Business School, Monash University, 7/2024-present

Associate Professor, College of Medicine and Public Health, Flinders University, 2018-2022

Senior Lecturer, Faculty of Medicine, Nursing and Health Sciences, Flinders University, 2016-2018

## EDUCATION

Doctor of Philosophy (Health Economics), 2009-2013

Centre for Health Economics, Faculty of Business and Economics, Monash University, Australia

Supervisors: Prof. Paula Lorgelly, Prof. Brett Inder, Prof. Bruce Hollingsworth

Master of Management Science (Social Medicine & Health Administration), 2004-2007

School of Public Policy and Administration, Xi'an Jiaotong University, China

Supervisor: Prof. Jianmin Gao

Bachelor of Medicine (Preventive Medicine), 1999-2004

School of Medicine, Xi'an Jiaotong University, China

## JOURNAL PAPERS (Selected; †Corresponding Author | Google Scholar)

1. Song J, **Chen G**, Khadka J, Milte R, Ratcliffe J. One and the Same or Different? An Empirical Comparison of Aged Care Recipient and Non-Aged Care Recipient Preferences for Quality of Aged Care amongst Older Australians. *Social Science & Medicine*, 2024, 353: 117054.
2. Woode ME, **Chen G**<sup>†</sup>. The Relative Importance and Performance of Key Life Domains on Global Life Satisfaction in Early Adolescents. *Value in Health*, 2024, 27 (6): 767-775.
3. Huang L, Devlin N, **Chen G**, Dalziel K. A Happiness Approach to Valuing Health State for Children. *Social Science & Medicine*, 2024, 348: 116802.
4. **Chen G**, Olsen JA, Lamu AN. The Influence of Parents' and Partner's Education on Own Health Behaviours. *Social Science & Medicine*, 2024, 343: 116581.
5. Thai T, Lancsar E, Spinks J, Freeman C, **Chen G**. Understanding Australian Pharmacy Degree Holders' Job Preferences Through the Lens of Motivation-Hygiene Theory. *Social Science & Medicine*, 2024, 348: 116832.

6. Ananda RA, Gwini SM, Long KM, Lai JH, **Chen G**, Russell GM, Stowasser M, Fuller PJ, Yang J. Diagnostic Delay and Disease Burden in Primary Aldosteronism: An International Patient Survey. Hypertension, 2024, 81 (2): 348-360.
7. Adal TG, van der Mei I, Taylor BV, de Graaff B, Palmer AJ, **Chen G**, Henson GJ, Roydhouse J, Campbell JA. Investigation of the Health Economic Analysis of Informal Care for People Living with a Chronic Neurological Disease: A Systematic Review and Meta-Analysis of the Global Evidence for Multiple Sclerosis. Social Science & Medicine, 2024, 117405.
8. Laven-Law G, Symonds EL, Winter JM, **Chen G**, Flight IH, Hughes-Barton D, Wilson CJ, Young GP. Comparing A Fecal Immunochemical Test and Circulating Tumor DNA Blood Test for Colorectal Cancer Screening Adherence. Journal of Gastroenterology and Hepatology, 2024, 39 (7): 1267-1276.
9. Bulamu NB, **Chen G**, McGrane E, Cock C, Young GP, Symonds EL. Health Utility Assessments in Individuals Undergoing Diagnostic and Surveillance Colonoscopy: Improved Discrimination with a Cancer-Specific Scale. Cancer Causes & Control, 2024, 35 (2): 347-357.
10. Mpundu-Kaambwa C, Bulamu NB, Lines L, **Chen G**, Whitehurst DGT, Dalziel K, Devlin K, Ratcliffe J, on behalf of the QUality Of life in Kids: Key evidence to strengthen decisions in Australia (QUOKKA) project team. Exploring the Use of Pictorial Approaches in the Development of Paediatric Patient-Reported Outcome Instruments: A Systematic Review. PharmacoEconomics, 2024, 42 (Supp 1): 9-37.
11. Khanna D, Khadka J, Mpundu-Kaambwa C, **Chen G**, Dalziel K, Devlin N, Ratcliffe J, in collaboration with the QUality Of life in Kids: Key evidence to strengthen decisions in Australia (QUOKKA) project team. An Investigation of Inter-Rater and Intra-Proxy Agreement in Measuring Quality of Life of Children in the Community using the EQ-5D-Y-3L. PharmacoEconomics, 2024, 42 (Supp 1): 113-128.
12. Xiong X, Carvalho N, Huang L, **Chen G**, Jones R, Devlin N, Mulhern B, Dalziel K. Psychometric Properties of Child Health Utility 9D (CHU9D) Proxy Version Administered to Parents and Caregivers of Children Aged 2-4 Years Compared with Pediatric Quality of Life Inventory™ (PedsQL). PharmacoEconomics, 2024, 42 (Supp 1): 147-161.
13. O'Loughlin R, Jones R, **Chen G**, Mulhern B, Hiscock H, Devlin N, Dalziel K, in collaboration with the QUality Of life in Kids: Key evidence to strengthen decisions in Australia (QUOKKA) project team. Comparing the Psychometric Performance of Generic Paediatric Health-Related Quality of Life Instruments in Children and Adolescents with ADHD, Anxiety and/or Depression. PharmacoEconomics, 2024, 42 (Supp 1): 57-77.
14. Xie S, Wu J<sup>†</sup>, **Chen G**<sup>†</sup>. Comparative Performance and Mapping Algorithms between EQ-5D-5L and SF-6Dv2 among the Chinese General Population. European Journal of Health Economics, 2024, 25 (1): 7-19.
15. Ren Y, Liu Y, **Chen G**. Associations of Compositional Time Use with Self-Reported Health, Depression, and Cognitive Outcomes among Chinese Adolescents. Children and Youth Services Review, 2024, 158: 107488.
16. Peasgood T, Howell M, Raghunandan R, Salisbury A, Sellars M, **Chen G**, Coast J, Craig JC, Devlin NJ, Howard K, Lancsar E, Petrou S, Ratcliffe J, Viney R, Wong G, Norman R, Donaldson C, on behalf of the QUality Of life in Kids: Key evidence to strengthen decisions in Australia (QUOKKA), Tools for Outcomes Research to measure, value Child Health (TORCH) project teams. Systematic Review of the Relative Social Value of Child and Adult Health. PharmacoEconomics, 2024, 42 (2): 199-217.
17. Jones R, O'Loughlin R, Xiong X, Bahrapour M, Devlin N, Hiscock H, **Chen G**, Mulhern B, Dalziel K, on behalf of the QUality Of life in Kids: Key evidence to strengthen decisions in Australia (QUOKKA) project team. Comparative Psychometric Performance of Common Generic Paediatric Health Related Quality of Life Instrument Descriptive Systems: Results from the Australian Paediatric Multi-Instrument Comparison Study. PharmacoEconomics, 2024, 42 (Supp 1): 39-55.
18. Peasgood T, Bailey C, **Chen G**, De Silva A, De Silva Perera U, Norman R, Shah K, Viney R, Devlin NJ. Rationale, Conceptual Issues, and Resultant Protocol for A Mixed Methods Person Trade Off (PTO) and Qualitative Study to Estimate and Understand the Relative Value of Gains in Health for Children and Young People Compared to Adults. PLoS ONE, 2024, 19(6): e0302886.
19. Henson GJ, Van der Mei I, Taylor BV, Claflin SB, Campbell J, **Chen G**. The Subjective Wellbeing of People Living with Multiple Sclerosis in Australia: Insights from the Personal Wellbeing Index. Health and Quality of Life Outcomes, 2024, 22: 83.

20. Ratcliffe J, Song J, Irvine J, Dilmore H, Onur I, **Chen G**. Life after Retrenchment: The Impact of Education, Income and Employment Status as Social Determinants of Mental and Physical Health. Contemporary Social Science, 2024, forthcoming.
  21. Shi Z, Cao A, Li S, Wang J, Zhang J, Ratcliffe J, **Chen G**. Health-Related Quality of Life and Subjective Well-being among Children Aged 9-12 Years in Shandong Province, China. Health and Quality of Life Outcomes, 2024, 41: 22.
  22. Ma BH, **Chen G**, Badji S, Petrie D. Mapping the 12-item World Health Organization Disability Assessment Schedule 2.0 (WHODAS 2.0) onto the Assessment of Quality of Life (AQoL)-4D Utilities. Quality of Life Research, 2024, 33 (2): 411-422.
  23. Tonmukayakul U, Willoughby K, Mihalopoulos C, Reddihough D, Mulhern B, Carter R, Robinson S, **Chen G**. Development of algorithms for estimating the Child Health Utility 9D from Caregiver Priorities and Child Health Index of Life with Disability. Quality of Life Research, 2024, 33 (7): 1881-1891.
  24. Orji NC, Cox IA, Jason LA, **Chen G**, Zhao T, Rogerson MJ, Kelly RM, Wills K, Hensher M, Palmer AJ, de Graaff B, Campbell JA. Assessing Health State Utilities for People with Myalgic Encephalomyelitis/ Chronic Fatigue Syndrome in Australia using the EQ-5D-5L, AQoL-8D and EQ-5D-5L-Psychosocial Instruments. Quality of Life Research, 2024, 33 (1): 45-57.
  25. Feng J, Zhang K, Dou L, Shi Z, **Chen G**, Li S<sup>†</sup>. Health State Utility Values in Patients with Ankylosing Spondylitis: A Systematic Review and Meta-Analysis. Quality of Life Research, 2024, 33(9): 2321-2334.
  26. Milte R, Ratcliffe J, Kumaran S, Hutchinson C, **Chen G**, Kaambwa B, Khadka J. Public Attitudes for Quality and Funding of Long-Term Care: Findings from an Australian Survey. Health and Social Care in the Community, 2024: 5798242.
  27. Tan YJ, Ong SC, Goh SP, **Chen G**, Yong VS, Khor WW, Kan YM, Choong YY, Zameram AM, Tan LY, Voo JYH, Lam KK, Yen CH, Abdul Wahab MJ, Abdulla ZB. Translation, Cross-Cultural Adaptation, and Psychometric Validation of the Malay Version of the Assessment of Quality of Life—6 Dimensions (Malay-AQoL-6D) Instrument among Malaysians Living with Chronic Heart Failure. Journal of Patient-Reported Outcomes, 2024, 8: 79.
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  29. Lamu AN, **Chen G**, Olsen JA. Amplified Disparities: The Association between Spousal Education and Own Health. Social Science & Medicine, 2023, 323: 115832.
  30. Vo V, **Chen G**, Aquino YSJ, Carter SM, Do Q, Woode ME. Multi-Stakeholder Preferences for the Use of Artificial Intelligence in Healthcare: A Systematic Review and Thematic Analysis. Social Science & Medicine, 2023, 338: 116357.
  31. Woode ME, Wong K, Reid CM, Stowasser M, Russell G, Gwini S, Young MJ, Fuller PJ, Yang J, **Chen G**<sup>†</sup>. Cost-Effectiveness of Screening for Primary Aldosteronism in Hypertensive Patients in Australia: A Markov Modelling Analysis. Journal of Hypertension, 2023, 41 (10): 1615-1625.
  32. Kularatna S, **Chen G**, Norman R, Mukuria C, Rowen D, Senanayake S, Hettiarachchi R, Mulhern B, Fozzard K, Parsonage W, McPhail SM. Developing An Australian Utility Value Set for MacNew-7D Health States. Quality of Life Research, 2023, 32 (4): 1151-1163.
  33. **Chen G**, Olsen JA. Extending the EQ-5D: The Case for A Complementary Set of 4 Psycho-Social Dimensions. Quality of Life Research, 2023, 32 (2): 495-505.
  34. Mihalopoulos C, **Chen G**, Scott JG, Bucholz JB, Allen C, Coghill D, Jenkins P, Norman R, Ratcliffe J, Richardson J, Stathis S, Viney R. Assessing Outcomes for Cost-Utility Analysis in Children and Adolescents with Mental Health Problems: Are Multi-Attribute Utility Instruments Fit for Purpose? Value in Health, 2023, 26 (5): 733-741.
  35. **Chen G**<sup>†</sup>, Bulamu NB, McGrane E, Richardson J. Measuring the Wellbeing of Cancer Patients with Generic and Disease-Specific Instruments. Cancers, 2023, 15 (4): 1351.

36. Winter JM, Cornthwaite KJ, Young GP, Wilson C, **Chen G**, Woodman R, Coats M, Fraser R, Cock C, Bampton P, Symonds EL. FIT for Purpose: Study Protocol for a Randomized Controlled Trial to Personalize Surveillance Colonoscopy for Individuals at Elevated Risk of Colorectal Cancer. International Journal of Colorectal Disease, 2023, 38: 201.
  37. Ma BH, Badji S, Petrie D, Llewellyn G, **Chen G**. Social Interventions to Support People with Disability: A Systematic Review of Economic Evaluation Studies. PLoS ONE, 2023, 18 (1): e0278930.
  38. **Chen G**, Woode ME, Sia K-L, Ellis N, Citroen C, Harris A. A Global Measure of Patient-Reported Outcome After Injury – Life Back on Track. Disability and Rehabilitation, 2023, 45 (3): 534-541.
  39. Hettiarachchi RM, Kularatna S, Byrnes J, Mulhern B, **Chen G**, Scuffham PA. Valuing the Dental Caries Utility Index in Australia. Medical Decision Making, 2023, 43 (7-8): 901-913.
  40. Degeling C<sup>†</sup>, Yarwood T, Nettel-Aguirre A, Mullan J, Reynolds N, **Chen G**<sup>†</sup>. Exploring the Preferences of the Australian Public for Antibiotic Treatments: A Discrete Choice Experiment. Patient, 2023, 16 (5): 555-567.
  41. Wang B, McDonough J, **Chen G**, Ong JJ, Marshall H. Sociodemographic Factors and Attitudes Associated with Australian Parental Acceptance of Paediatric COVID-19 Vaccination. Vaccine, 2023, 41 (51): 7608-7617.
  42. Campbell JA, Ahmad H, **Chen G**, van der Mei I, Taylor BV, Clafin S, Henson GJ, Simpson-Yap S, Laslett LL, Hawkes K, Hurst C, Waugh H, Palmer AJ. Validation of the EQ-5D-5L and Psychosocial Bolt-ons in a Large Cohort of People Living with Multiple Sclerosis in Australia. Quality of Life Research, 2023, 32 (2): 553-568.
  43. Bao M, Wang H, Huang C, Wang L, Xie C, **Chen G**. Exploring Employment Preferences of Nurses to Improve Retention in Rural China. International Journal of Nursing Studies, 2023, 141, 104473.
  44. Olsen JA, **Chen G**, Lamu AN. The Relative Importance of Education and Health Behaviour for Health and Wellbeing. BMC Public Health, 2023, 23: 1981.
  45. Shi Z, Nie H, Geng L, Wang X, **Chen G**, Li S. Evaluating Health-Related Quality of Life and Subject Wellbeing among Infertility Patients: A Cross-Sectional Study in Mainland China. Quality of Life Research, 2023, 32 (5): 1469-1480.
  46. Shi Z, Mao Z, Xue S, **Chen G**, Li S. What Is the Relationship between Health-related Quality of Life among Scoliosis Patients and Their Caregiver Burden? A Cross-sectional Study in China. BMC Psychology, 2023, 11: 346.
  47. Dou L, Xu Y, **Chen G**, Li S. Psychometric Properties and Comparison of Four Health Utility Approaches among Myopia Patients in China. Health and Quality of Life Outcomes, 2023, 21: 66.
  48. Bao M, Huang C, Wang L, Yan G, **Chen G**. Eliciting Primary Healthcare Physicians' Preferences for Job Characteristics in Rural China: A Discrete Choice Experiment. BMJ Open, 2023, 13: e056741.
  49. Yamamoto Y, Aoki A, Fuji H, **Chen G**, Bolt T, Suto M, Mori R, Uchida K, Takehara K, Gai R. Parents' Preferences for Respite Care of Children with Medical Complexity. Pediatrics International, 2023, 65 (1): e15703.
  50. Ibarra-Sanchez AS, Abelsen B, **Chen G**, Wisløff T. Educational Patterns of Health Behaviors and Body Mass Index: A Longitudinal Multiple Correspondence Analysis of A Middle-Aged General Population, 2007-2016. PLoS ONE, 2023, 18 (12): e0295302.
  51. Ibarra-Sanchez AS, **Chen G**, Wisløff T. Are Relative Educational Inequalities in Multiple Health Behaviors Widening? A Longitudinal Study of Middle-Aged Adults in Northern Norway. Frontiers in Public Health, 2023, 11: 1190087.
  52. Lai JH, Gwini SM, **Chen G**, Long KM, Russell G, Schlaich MP, Stowasser M, Young MJ, Fuller PJ, Mori TA, Wolley M, Reid CM, Yang J. Willingness to Be Tested for A Secondary Cause of Hypertension: A Survey of the Australian General Community. Internal Medicine Journal, 2023, 53 (10): 1826-1836.
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53. **Chen G**<sup>†</sup>, Olsen JA. How Is Your Life? Understanding the Relative Importance of Life Domains amongst Older Adults, and Their Associations with Self-Perceived COVID-19 Impacts. Quality of Life Research, 2022, 31 (8): 2281-2293.
  54. **Chen G**<sup>†</sup>, DunnGalvin A, Campbell DE. Impact of COVID-19 Pandemic on Quality of Life for Children and Adolescents with Food Allergy. Clinical & Experimental Allergy, 2022, 52 (1): 162-166.

55. Kularatna S, Rowen D, Mukuria C, McPhail S, **Chen G**, Mulhern B, Whitty JA, Byrnes J, Scuffham P, Atherton J, Höfer S, Parsonage W. Development of a Preference-Based Heart Disease-Specific Health State Classification System using MacNew Heart Disease-Related Quality of Life Instrument. Quality of Life Research, 2022, 31 (1): 257-268.
56. Xie S, Wu J<sup>†</sup>, **Chen G**<sup>†</sup>. Discrete Choice Experiment with Duration versus Time Trade-off: A Comparison of Test-Retest Reliability of Health Utility Elicitation Approaches in SF-6Dv2 Valuation. Quality of Life Research, 2022, 31 (9): 2791–2803.
57. Kwon J, Freijser L, Huynh E, Howell M, **Chen G**, Khan K, Daher S, Roberts N, Harrison C, Smith S, Devlin N, Howard K, Lancsar E, Bailey C, Craig J, Dalziel K, Hayes A, Mulhern B, Wong G, Ratcliffe J, Petrou S. Systematic Review of Conceptual, Age, Measurement and Valuation Considerations for Generic Multidimensional Childhood Patient-Reported Outcome Measures. PharmacoEconomics, 2022, 40 (4): 379-431.
58. Bailey C, Howell M, Raghunandan R, Salisbury A, **Chen G**, Coast J, Craig JC, Devlin NJ, Huynh E, Lancsar E, Mulhern BJ, Norman R, Petrou S, Ratcliffe J, Street DJ, Howard K, Viney R, on behalf of the Quality Of Life in Kids: Key evidence to strengthen decisions in Australia (QUOKKA), Tools for Outcomes Research to Measure, Value Child Health (TORCH) Project Teams. Preference Elicitation Techniques Used in Valuing Children’s Health-Related Quality-of-Life: A Systematic Review. PharmacoEconomics, 2022, 40 (7): 663-698.
59. Mpundu-Kaambwa C, Bulamu N, Lines L, **Chen G**, Dalziel K, Devlin N, Ratcliffe J, on behalf of the Quality Of Life in Kids: Key Evidence for Decision Makers in Australia (QUOKKA) Project Team. A Systematic Review of International Guidance for Self-Report and Proxy Completion of Child-Specific Utility Instruments. Value in Health, 2022, 25 (10): 1791-1804.
60. Ren Y, Zhou Z, Cao D, Ma BH, Shen C, Lai S, **Chen G**. Did the Integrated Urban and Rural Resident Basic Medical Insurance Improve Benefit Equity in China? Value in Health, 2022, 25 (9): 1548-1558.
61. Thai T, **Chen G**, Lancsar E, de New S, Banwell C, Freeman, C, Spinks J. Beyond Dispensing: Better Integrating of Pharmacists within the Australian Primary Healthcare System. SSM - Qualitative Research in Health, 2022, 2: 100109.
62. Si Y, Li S, Xu Y, **Chen G**. Validation and Comparison of Five Preference-based Measures among Age-Related Macular Degeneration Patients: Evidence from Mainland China. Quality of Life Research, 2022, 31 (5): 1561-1572.
63. Milte R, Mpundu-Kaambwa C, **Chen G**, Crotty M, Ratcliffe J. What Constitutes Preferred Long-Term Care Provided in Residential Aged Care Facilities? An Empirical Comparison of the Preferences of the General Population, Residents, and Family Members. Value in Health, 2022, 25 (2): 257-267.
64. Lindberg MH, **Chen G**, Olsen JA, Abelsen B. Combining Education and Income into a Socioeconomic Position Score for Use in Studies of Health Inequalities. BMC Public Health, 2022, 22: 969.
65. Vatandoust S, Watthow D, Sposato L, Michael MZ, Leung J, Gormly K, **Chen G**, Symonds EL, Tie J, Papanicolas LE, Woods S, GebSKI V, Mead K, Kuruni A, Karapetis CS. A Longitudinal Cohort Study of Watch and Wait in Complete Clinical Responders after Chemo-Radiotherapy for Localised Rectal Cancer: Study Protocol. BMC Cancer, 2022, 22: 222.
66. Hettiarachchi RM, Kularatna S, Byrnes J, **Chen G**, Mulhern B, Scuffham PA. Development of a Classification (Descriptive) System for a Preference-Based Quality of Life Measure for Dental Caries (Dental Caries Utility Index - DCUI) among Adolescents. Journal of Public Health Dentistry, 2022, 82 (3): 253-261.
67. Si L, Tu L, Xie Y, **Chen G**, Hiligsmann M, Yang M, Zhang Y, Zhang X, Jiang Y, Wei Q, Gu J, Palmer AJ. Evaluating Health Related Quality of Life in Older People at Risk of Osteoporotic Fracture: A Head-to-Head Comparison of the EQ-5D-5L and AQoL-6D. Social Indicators Research, 2022, 160 (2-3): 809-824.
68. Lins de Holanda Coelho G, DunnGalvin A, Greenhawt M, Hourihane JO, Fleischer DM, **Chen G**, Shaker M, Campbell DE, Green TD, Bégin P. Psychometric Parameters of Food Allergy Quality of Life During an Allergen Immunotherapy Trial. Allergy, 2022, 77 (9): 2770-2777.
69. Li S, Gong T, **Chen G**, Liu P, Lai X, Rong H, Ma X, Hou Z, Fang H. Parental Preference for Influenza Vaccine for Children in China: A Discrete Choice Experiment. BMJ Open, 2022, 12: e055725.
70. Yang J, Fan X, Gao J, Li D, Xu Y, **Chen G**. Cost-Effectiveness Analysis of Total Laparoscopic Hysterectomy Versus Total Abdominal Hysterectomy for Uterine Fibroids in Western China: A Societal Perspective. BMC Health Services Research, 2022, 22: 252.

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  72. Shi Z, Li S, **Chen G**. Assessing the Psychometric Properties of the Chinese Version of Ten-Item Personality Inventory (TIPI) Among Medical College Students. Psychology Research and Behavior Management, 2022, 15: 1247-1258.
  73. Dou L, Mao Z, Fu Q, **Chen G**, Li S. Health-Related Quality of Life and Its Influencing Factors in Patients with Coronary Heart Disease in China. Patient Preference and Adherence, 2022, 16: 781-795.
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74. **Chen G**<sup>†</sup>, Ratcliffe J, Milte R, Khadka J, Kaambwa B. Quality of Care Experience in Aged Care: An Australia-Wide Discrete Choice Experiment to Elicit Preference Weights. Social Science & Medicine, 2021, 289: 114440.
  75. Osman AMY, Wu J<sup>†</sup>, He X, **Chen G**<sup>†</sup>. Eliciting SF-6Dv2 Health State Utilities using An Anchored Best-Worst Scaling Technique. Social Science & Medicine, 2021, 279: 114018.
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  79. Ghijben P, Petrie D, Zavarsek S, **Chen G**, Lancsar E. Healthcare Funding Decisions and Real-World Benefits: Reducing Bias by Matching Untreated Patients. PharmacoEconomics, 2021, 39 (7): 741-756.
  80. De Albornoz SC, **Chen G**<sup>†</sup>. Relationship between Health-Related Quality of life and Subjective Wellbeing in Asthma. Journal of Psychosomatic Research, 2021, 142 (3): 110356.
  81. Crocker M, Hutchinson C, Mpundu-Kaambwa C, Walker R, **Chen G**, Ratcliffe J. Assessing the Relative Importance of Key Quality of Life Dimensions for People With and Without a Disability: An Empirical Ranking Comparison Study. Health and Quality of Life Outcomes, 2021, 19: 264.
  82. Young GP, **Chen G**, Wilson CJ, McGrane E, Hughes-Barton DL-A, Flight IHK, Symonds EL. "Rescue" of Nonparticipants in Colorectal Cancer Screening: A Randomized Controlled Trial of Three Non-Invasive Test Options. Cancer Prevention Research, 2021, 14 (8): 803-810.
  83. Wall D, Meah N, York K, [...], **Chen G**, [...], Sinclair R. A Global eDelphi Exercise to Identify Core Domains and Domain Items for the Development of a Global Registry of Alopecia Areata Disease Severity and Treatment Safety (GRASS). JAMA Dermatology, 2021, 157 (4): 439-448.
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## RESEARCH REPORTS (Selected)

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200. **Chen G**, Petrie D, Richardson J, Sia K-L, Jackson A, Harris A. Rapid Review of Wellbeing Measures to Assist Disability Support Priority Setting. Prepared for the National Disability Insurance Agency. Centre for Health Economics, Monash University, Melbourne; 2017.

## RESEARCH GRANTS (Selected)

1. Australian Research Council (ARC) Discovery Early Career Researcher Award (DECRA) "What Do Australians Really Care About? New Survey and Experimental Evidence"; **Chief Investigator** (CI-A).
2. National Disability Insurance Agency (NDIA) "Developing A Preference-based Wellbeing Index to Facilitate Resource Prioritisation in National Disability Insurance Scheme: The NDIS Wellbeing Index (Stage I)"; **Chief Investigator** (CI-A).
3. National Disability Insurance Agency (NDIA) "Developing A Preference-based Wellbeing Index to Facilitate Resource Prioritisation in National Disability Insurance Scheme: The Disability Wellbeing Index (Stage II)"; **Chief Investigator** (CI-A).
4. National Health and Medical Research Council (NHMRC) "Centre of Research Excellence in Achieving Health Equity for All People with Disabilities (CRE-AHEAD)"; **Chief Investigator** (CI-A: Petrie D).
5. National Health and Medical Research Council (NHMRC) "Counting What Counts: Using A National Cohort Study to Develop, Validate and Apply an Indigenous Quality of Wellbeing Utility Index and Quantifying Key Determinants of Health"; **Chief Investigator** (CI-A: Lovett R).
6. National Health and Medical Research Council (NHMRC) "Determining the Best Outcome Measures for Assessing Cost-Effectiveness of Interventions for Childhood Mental Disorders"; **Chief Investigator** (CI-A: Mihalopoulos C).
7. National Health and Medical Research Council (NHMRC) "A Novel Multi-gene Marker Blood Test to Increase Community Participation in Colorectal Cancer Screening"; **Chief Investigator** (CI-A: Young G).
8. Cancer Australia Priority-driven Collaborative Cancer Research Scheme (PdCCRS) "Personalising Treatment and Surveillance for Colorectal Cancer: Prognostication with the Circulating Tumour-Derived Methylated DNA Markers BCAT1 and IKZF1"; **Chief Investigator** (CI-A: Symonds E).
9. Medical Research Future Fund (MRFF) "Measuring and Valuing Changes in Child Health to Facilitate Robust Decision Making"; **Chief Investigator** (CI-A: Devlin N).
10. Medical Research Future Fund (MRFF) "The CONSEP Trial: Implementing Screening for a Hidden Cause of Hypertension"; **Chief Investigator** (CI-A: Jun Y).
11. Medical Research Future Fund (MRFF) "EQUIPPing Tertiary Care for the Optimal Diagnosis of Primary Aldosteronism"; **Academic Expert** (CI-A: Jun Y).

12. Transport Accident Commission (TAC) “Assessing the Measurement Properties of the TAC’s Life Back on Track Measure”; **Chief Investigator** (CI-A).
  13. Royal Commission into Aged Care Quality and Safety “Measuring the Australian Community’s Attitude to ‘Quality’ and ‘Person-Centred’ Care and the Community’s Willingness to Pay for the Care”; **Chief Investigator** (CI-A: Ratcliffe J).
  14. Royal Commission into Aged Care Quality and Safety “Quality of Care Experience in Aged Care: Expectations versus Reality”; **Chief Investigator** (CI-A: Ratcliffe J).
  15. National Disability Insurance Agency (NDIA) “A Framework for Prioritising Disability Insurance Funds and Evaluating the Cost-effectiveness of Different Supports for People with a Disability (Phase I)”; **Chief Investigator** (CI-A: Harris A).
  16. National Health and Medical Research Council (NHMRC) “Screening for Primary Aldosteronism: Outcomes, Economics and Biomarkers”; **Associate Investigator** (CI-A: Jun Y).
  17. National Health and Medical Research Council (NHMRC) “The Algorithm Will See You Now: Ethical, Legal and Social Implications of Adopting Machine Learning Systems for Diagnosis and Screening”; **Associate Investigator** (CI-A: Carter S).
  18. National Health and Medical Research Council (NHMRC) “FIT for Purpose: Personalised Surveillance Colonoscopy for People at Increased Risk of Colorectal Cancer”; **Associate Investigator** (CI-A: Symonds E).
  19. National Heart Foundation of Australia Vanguard Grant “Developing a New Cardiovascular Specific Instrument to Measure and Value Health”; **Associate Investigator** (CI-A: Kularatna S).
- *International Grants*
20. Research Council of Norway (RCN) “Tracing Causes of Inequalities in Health and Well-Being: Analysis of Rich Longitudinal Data”; **Partner** (PI: Olsen JA).
  21. National Natural Science Foundation of China (NSFC) “Development and Application of a Health Utility Instrument for Chinese Patients with Chronic Obstructive Pulmonary Disease Based on the EQ-5D Instrument”; **Main Participant** (PI: Li S).
  22. National Natural Science Foundation of China (NSFC) “Research on the Preference of National Medical Insurance Admittance Standard for Orphan Drugs from Stakeholders’ Perspective”; **Main Participant** (PI: Li S).
  23. National Natural Science Foundation of China (NSFC) “A Framework for Eliciting Health State Utility Scores using a Discrete Choice Experiment in China: An Application based on the SF-6D”; **Main Participant** (PI: Wu J).
  24. China Medical Board (CMB) “The Impact Evaluation of Clinician Training on the Quality of Primary and Secondary Healthcare Services within Health Alliances in Western China”; **Co-Principal Investigator** (PI: Zhou Z).
  25. China Medical Board (CMB) “Management and Intervention Strategies for Women with Cervical Precancerosis through Screening Programme in Rural China”; **Co-Principal Investigator** (PI: Li S).

## ORAL PRESENTATIONS (Selected & Peer-reviewed)

1. International Society for Quality in Health Care (ISQua) Conference (Turkey, 2024)
2. Australian Health Economics Society (AHES) Conference (Australia, 2024)
3. International Choice Modelling Conference (ICMC) (Chile, 2024)
4. Australian Health Economics Society (AHES) Conference (Australia, 2023)
5. International Society for Quality-of-Life Studies (ISQOLS) Conference (The Netherlands, 2023)
6. International Society for Quality of Life Research (ISOQOL) Conference (Czech Republic, 2022)
7. Inaugural Wellbeing Research & Policy Conference (UK, 2022)
8. Australian Health Economics Society (AHES) Conference (Virtual Event, 2021)
9. International Society for Quality-of-Life Studies (ISQOLS) Conference (Virtual Event, 2021)
10. World Congress on Health Economics (Virtual Event, 2021)

11. Health Services Research Association of Australia & New Zealand (HSRAANZ) End of Year Forum (Virtual Event, 2020)
12. International Society for Quality of Life Research (ISOQOL) Conference (Virtual Event, 2020)
13. International Academy of Health Preference Research (IAHPR) Meeting (New Zealand, 2019)
14. World Congress on Health Economics (Switzerland, 2019)
15. International Academy of Health Preference Research (IAHPR) Meeting (Australia, 2018)
16. International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Asia Pacific Conference (Japan, 2018)
17. International Conference on Wellbeing and Public Policy (New Zealand, 2018)
18. International Society for Quality-of-Life Studies (ISQOLS) Conference (Austria, 2017)
19. International Society for Quality of Life Research (ISOQOL) Conference (Denmark, 2016)
20. Australian Health Economics Society (AHES) Conference (Australia, 2016)
21. Australian Health Economics Society (AHES) Conference (Australia, 2015)
22. Priorities 2014 (Australia, 2014)
23. Australian Health Economics Society (AHES) Conference (Australia, 2014)
24. World Congress on Health Economics (Australia, 2013)
25. Australian Conference of Health Economist (Australia, 2012)
26. Australasian Workshop on Econometrics and Health Economics (Australia, 2012)
27. World Congress on Health Economics (Canada, 2011)
28. Western Economic Association International Annual Conference (USA, 2011)
29. Australian Conference of Health Economists (Australia, 2010)
30. Australasian Development Economics Workshop (Australia, 2010)
31. International Conference on Economic Stress, Human Capital, and Families in Asia: Research and Policy Challenges (Singapore, 2010)
32. Australasian Workshop on Econometrics and Health Economics (Australia, 2010)
33. Australian Conference of Health Economists (Australia, 2009)

## **AWARDS, HONOURS & SCHOLARSHIPS** (Selected)

- 2018 Discovery Early Career Researcher Award (**DECRA**), Australian Research Council
- 2017 Dean's Award for Excellence in Research by an Early Career Researcher, Monash University
- 2014 Vice-Chancellor's Award for Early Career Researchers, Flinders University
- 2011 International Health Economics Association (**iHEA**) Student Paper Award (Runner Up)
- 2009-2012 Dean's Postgraduate Research Excellence Award, Monash University
- 2007 & 2014 Outstanding Graduate of Xi'an Jiaotong University (summa cum laude)
- Endeavour International Postgraduate Research Scholarship (**IPRS**), Australian Government
- Donald Cochrane Postgraduate Research Scholarship, Monash University
- Monash Graduate Scholarship (MGS)
- Peking University Chinese Young Health Economists Research Fellowship

## **LEADERSHIP & PROFESSIONAL ACTIVITIES**

- **PROFESSIONAL SOCIETY**  
Vice President, Australian Health Economics Society (**AHES**), 9/2022-present
- **EDITORIAL ROLE**  
Associate Editor, Quality of Life Research, 2018-2024

- **COMMITTEE MEMBER**

International Academy of Health Preference Research (**IAHPR**) – Co-Chair of the 14<sup>th</sup> International Meeting, 2023

Health Research Council of New Zealand (**HRC**) Controlled Trials Assessing Committee, 2023

Medical Research Future Fund (**MRFF**) Grant Assessment Committee, 2022 & 2021

Surveillance Epidemiology of Coronavirus Under Research Exclusion (**SECURE**)-Alopecia Steering Committee, 2020-present

**AHES** Best Paper Prize Committee, 2021

Monash Business School Faculty Research Impact Sub-committee (FRISC), 2021-2023

Monash Business Behavioural Laboratory (MBBL) Steering Committee, 2018-2024

- **GRANT ASSESSOR**

Australian Research Council (**ARC**)

National Health and Medical Research Council (**NHMRC**) of Australia

National Medical Research Council (**NMRC**) Singapore

Multiple Sclerosis (**MS**) Research Australia

- **JOURNAL REVIEWER**

Applied Economics; Applied Health Economics and Health Policy; Australian and New Zealand Journal of Public Health; Australian Health Review; BJPsych Open; BMC Health Services Research; BMC Pediatric; BMJ Global Health; BMJ Open; Children; China Economic Review; European Journal of Cancer Care; European Journal of Health Economics; European Journal of Public Health; Expert Review of Pharmacoeconomics & Outcomes Research; Quality of Life Research; Health and Quality of Life Outcomes; Health Economics; Health Policy; Health Policy and Planning; International Journal of Health Care Finance and Economics; International Journal of Public Health; International Journal of Technology Assessment in Health Care; Journal of Choice Modelling; Journal of Evaluation in Clinical Practice; Journal of Psychosomatic Research; Journal of the Asia Pacific Economy; Lancet Gastroenterology & Hepatology; Lancet Regional Health - Western Pacific; Medical Decision Making Policy & Practice; Optometry & Vision Science; Palliative Medicine; Pediatrics; PharmacoEconomics; PharmacoEconomics Open; PLoS ONE; Science; Social Indicators Research; Social Science & Medicine; The Patient; Value in Health