

CURRICULUM VITAE of Xiaodong Gong (updated in July 2022)

CONTACTS:

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CURRENT POSITION:

Jan 2019 – Associate Professor, Canberra School of Politics, Economics, and Society, Faculty of Business, Governance, and Law, University of Canberra

PREVIOUS POSITIONS:

Mar 2011 – Dec 2018 Associate Professor/Principal Research Fellow, NATESM at University of Canberra

Oct 2008 – Mar 2011 Analyst, Australian Treasury

July 2005 – Feb 2009 Fellow, Economics Division, Research School of Pacific and Asian Studies, Australian National University

July 2002 – July 2003 Lecturer, Faculty of Economics and Commerce, Australian National University

Dec 2001 – July 2005 Research Fellow, Economics Program, Research School of Social Sciences, Australian National University

Sept 2000 – Dec 2001 Research Associate, Institute for the Study of Labor, (IZA), Bonn, Germany.

Sept 1996 – Sept 2000 Research and Teaching Assistant, Department of Econometrics, Tilburg University, the Netherlands.

Jan 1993 – Sept 1996 Lecturer, Department of Management of National Economy, Renmin University of China, Beijing, China

EDUCATION:

2001 Ph.D (Tilburg University, The Netherlands), 2001 Thesis Title: “Essays on Chinese and Mexican Labour Markets: Applications of parametric and non-parametric econometric methods”

1996-1998 Diploma, Netherlands Network of Economics (NAKE) 1996 Certificate (Honours), Sino-Dutch Joint Educational Programme in Economics, Tilburg University, the Netherlands.

1989-1993 MA in Economics Renmin University of China, Beijing

1990-1991 Diploma, Sino-American Economic Training Center Fudan University, China

1985-1989 BSc (Management Science) Fudan University, China

ASSOCIATION WITH PROFESSIONAL BODY

Dec 2001 – Current Fellow of the Institute for the Study of Labor (IZA), Bonn, Germany

Mar 2022 – TTPI Research Affiliate, Australian National University

2011- 2019 Member of Econometric Society

SCHOLARLY CONTRIBUTIONS

Xiaodong Gong as an Australian economist has contributed significantly to the understanding of individuals/households' behaviour in the labour market, juridical behaviour, consumer behaviour, and of the behaviour of other societal types (notably gamblers). His work has contributed to better identification of key policy parameters by applying advanced and appropriate econometric techniques in modelling. He has published in 25 international academic journals of economics and public policy. He is in the top 12.5 percent of economists in the REPEC rankings of citations, the mostly widely used international citation instrument.

He has made important academic and policy contributions in the following areas: individual and household behaviour in developing countries and in Australia, particularly the impact of childcare subsidies and welfare reforms on Female Labour Force Participation in Australia; household consumption; the effect of tax policy on the take-up of private health insurance, and; individual socio-economic behaviour including gambling. Xiaodong's achievements include high quality academic publications and influence on policy and policy thinking in Australia.

He has contributed significantly to methodology innovation and application to policy relevant socio-economic issues, enabling more thorough and appropriate analysis and evaluation of policy.

AWARD/RECOGNITION

- 1996 Awarded Full PhD Scholarship by Tilburg University, the Netherland (the top one in Europe and the top 20 in the world economics academic institute)
- 2014 The Economic Record's best paper for 2014 prize: “The new National Quality Framework: quantifying some of the effects on labour supply, child care demand and household finances”
- 2012 The Economic Record's best paper for 2012 prize: “Partnered Women's Labour Supply and Child Care Costs in Australia: measurement error and the child care price”
- 2013 Best Paper Prize of 2013 HILDA Research Conference for ‘Channels of labour supply responses of lone parents to changed work incentives’
- 2019 Commendation in the Executive Dean's Excellence Awards for Teaching
- 2019 Commendation in the Executive Dean's Excellence Awards for Researching
- 2020 Commendation in the Executive Dean's Excellence Awards for Researching

PUBLICATIONS

Papers in Refereed journals

1. Freyens, B. and X. Gong (2022). "Generalizing the impact of lecture capture availability on student achievement: a method and its application", *Australasian Journal of Educational Technology*, forthcoming [Q1, Scopus Impact factor: 4.104, H-index: 53]
2. Liang, X., J. Gao, and X. Gong (2021). "Semiparametric Spatial Autoregressive Panel Data Model with Fixed Effects and Time-Varying Coefficients", *Journal of Business and Economics Statistics*, <https://doi.org/10.1080/07350015.2021.1979564> [A* in ABDC, Q1, Scopus Impact factor: 5.345, H-index: 103].
3. Freyens, B. and X. Gong (2020). "Judicial Arbitration of Unfair Dismissal Cases: The Role of Peer Effects", *International Review of Law & Economics*, 64, 1-10, DOIs:10.1016/j.irle.2020.105947 [Scopus Impact factor: 1.099, H-index: 42].
4. Gong, X. and R. Zhu (2019). "Cognitive Abilities, Non-Cognitive Skills, and Gambling Behaviors", *Journal of Economic Behavior & Organization*, 165, 51-69. [A* in ABDC, Q1, Scopus Impact factor: 2.119, H-index: 119].
5. Kang, Y. X. Gong, J. Gao, and P. Qiu (2019). "Errors-in-Variables Jump Regression Using Local Clustering", *Statistics in Medicine*, 1-14. <https://doi.org/10.1002/sim.8205>. [A journal in ABDC, Q1, Scopus Impact factor: 2.818, H-index: 183]
6. Gong, X. and J. Gao (2018). "Nonparametric kernel estimation of the impact of tax policy on the demand for private health insurance in Australia", *Aust. N. Z. J. Stat.* [A journal in ABDC, Scopus Impact factor: 1.11, H-index: 43]
7. Freyens, B. and X. Gong (2017). "Judicial Decision-Making under Changing Legal Standards: The case of dismissal arbitration", *Journal of Economic Behavior and Organization*, 2017, 133(1), 108-126, [A* journal, Q1, Scopus Impact factor: 2.119, H-index: 119].
8. Gong, X. and L. Brown (2017). "The impacts of the presence of disabled members on intra-household allocation in Older Australian Households", *Australian Economic Review*, 50 (4), 398-411 [Scopus Impact factor: 0.975, H-index: 29].
9. Gong, X. (2017). "The dynamics of study-work choice by Australian high school students and its effect on students' intended and actual university attainment", *Education Economics*, 25(6), 619-639. [Scopus Impact Factor 1.378, H-index 35]
10. Gong, X. and M. Rao (2017). "The Economic Impact of Prolonged Political Instability: A Case Study of Fiji", *Policy Studies*, 37(4), 370-386 [Q1, Scopus Impact factor 1.876, H-index: 38]
11. Gong, X. and R. Breunig (2017). "Child Care Assistance: Are subsidies or tax credits better?", *Fiscal Studies*, 2017, 38(1), 7-48. [Q1, Scopus Impact factor: 1.808, H-index: 40] (also appeared as IZA Working Paper No 6606, 2012)
12. Kang, Y. X. Gong, J. Gao, and P. Qiu (2015). "Jump Detection in Generalized Error-in-Variables Regression with an Application to Australian Health Tax Policies", *Annals of Applied Statistics*, 2015, 9(2), 883-900. [A* journal in ABDC, Q1, Scopus Impact factor: 3.663, H-index: 75]
13. Breunig, R., X. Gong, and G. Leslie (2014). "The dynamics of satisfaction with working hours in Australia: the usefulness of panel data in evaluating the case for policy intervention" *Asia and the Pacific Policy Studies* [Q1, Impact Factor 2.014].
14. Gong, X. and R. Breunig (2014). "Channels of labour supply responses of lone parents to changed work incentives", *Oxford Economic Papers*, Volume 66, pp. 916-939. [A journal, Q1, Scopus Impact factor: 1.448, H-index: 69]
15. Breunig, R. X. Gong, and D. Trot (2014). "The new National Quality Framework: quantifying some of the effects on labour supply, child care demand and household finances", *The Economic Record*, 2014, 90(288): 1-16. [A journal in ABDC, Q1, Scopus Impact factor: 1.146, H-index: 42]
16. Breunig, R. X. Gong, and A. King (2012). "Partnered Women's Labour Supply and Child Care Costs in Australia: measurement error and the child care price", *The Economic Record*, 88, 2012, SPECIAL ISSUE, 51-69. [A journal in ABDC, Q1, Scopus Impact factor: 1.146, H-index: 42]
17. Gong, X. (2011). "The Added Worker Effect for Married Women in Australia", *The Economic Record*, 2011, 87 (278), 414-426. [A journal in ABDC, Q1, Scopus Impact factor: 1.146, H-index: 42]
18. Breunig, R., X. Gong, C. Yamauchi, and J. Mercante (2011) "Child care availability, quality and affordability: are local problems related to maternal labour supply?", *The Economic Record*, 2011, 87(276), 109-124 (an earlier version with B. Breunig appeared in Treasury Working Paper Series, 2010-02, Australian Treasury, Canberra). [A journal in ABDC, Q1, Scopus Impact factor: 1.146, H-index: 42]
19. Leigh, A. and X. Gong (2010). "Does Maternal Age Affect Children's Test Scores", *Australian Economic Review*, 43 (1): 12-27. [Scopus Impact factor: 0.795, H-index: 29]
20. Leigh, A. and X. Gong (2009). "Estimating Cognitive Gaps between Indigenous and Non-Indigenous Australians", *Education Economics*, 17 (2): 239. [Scopus Impact Factor 1.378, H-index 35]
21. Meng, X., X. Gong, and Y. Wang (2009). "Impact of Income Growth and Economic Reform on Nutrition Intake in Urban China: 1986-2000", *Economic Development and Cultural Change*, 57(2): 261-295. [A journal in ABDC, Q1, Scopus Impact factor: 2.215, H-index: 71]
22. Breunig, R., D. Cobb-Clark, and X. Gong, "Improving the Modelling of Couples' Labour Supply", *Economic Record*, 2008, 84 (267): 466-485. [A journal in ABDC, Q1, Scopus Impact factor: 1.146, H-index: 42]
23. Breunig, R. D. Cobb-Clark, X. Gong, and D. Venn (2007). "Disagreement in Partners' Reports of Financial Difficulty", *Review of Economics of the household*, 2007, 5(1): 59-82. [A journal in ABDC, Scopus Impact factor: 1.699, H-index: 32]
24. Gong, A. van Soest, and P. Zhang (2005). "Sexual Bias and Household Consumption, a semiparametric analysis of Engel curves in rural China", *Journal of Applied Econometrics*, 20 (4): 509-527. [A* journal, Q1, Scopus Impact factor: 3.698, H-index: 99]
25. Gong, X., A. van Soest, and E. Villagomez (2004). "Mobility in the Urban Labour Market: a panel data analysis for Mexico", *Economic Development and Cultural Change*, 2004, 53(1): 1-36. [A journal in ABDC, Q1, Scopus Impact factor: 2.215, H-index: 71]

26. Gong, X. and A. van Soest (2002). "Family Structure and Female Labour Supply in Mexico City", *Journal of Human Resources*, 2002, 37(1):146-157. [A* journal in ABDC. Q1 Scopus Impact factor: 4.828,H-index: 106]
27. Van Soest, A., M. Das, and X. Gong (2002). "A Structural Labour Supply Model with Flexible Preferences", *Journal of Econometrics*, 2002, 107(1-2): 345-374. [A* journal in ABDC, Q1, Scopus Impact factor: 4.123, H-index: 159]
28. Gong, X. and A van Soest (2002). "Wage differentials and Mobility in Mexico's Urban Labour Markets" *Labour Economics*, 2002, 9 (4): 513-529. [A journal in ABDC, Q1, ,Scopus Impact factor: 2.445, H-index: 75]
- Book Chapter
29. Gong, X., Kong, S., Li, S., & Meng, X. (2008). Rural-urban migrants: a driving force for growth. In L. Song, & W. T. Woo (Eds.), *China's Dilemma: Economic Growth, the Environment and Climate Change* (1 ed., pp.110-152). Australia: ANU E Press[*note: the editor, Professor Li Gang Song, is the leading China economist in Australia*].
Papers in Discussion/Working Paper series (not including those have been published as journal articles)
30. Liang, X., J., Gao, and X. Gong (2019). "Time-Varying Coefficient Spatial Autoregressive Panel Data Model with Fixed Effects", SSRN Working Paper Series,2019.
31. Gong, X. J. Gao, and X. Liang (2019). "Inter-City Spillover and Intra-City Agglomeration Effects Among Local Labour Markets in China", SSRN Working Paper Series and IZA Discussion Paper Series, 2019.
32. Gong,X. (2004). "Welfare dependency of low income females with dependent children in Australia", IZA Discussion Paper Series.
33. Booth, A. M. Coles, and X. Gong (2007). "Increasing returns to education: Theory and evidence", Centre for Economic Policy Research Discussion Paper Series (www.Cepr.org).
Paper in non-refereed journals
34. Breunig, R., X.Gong, and A. King (2010). "New estimates of the relationship between female labour supply and the cost, availability, and quality of childcare", *Economic Roundup*, Issue 1, 2010, Canberra. [Note: the Economic Roundup is a journal run by Australian Treasury. It provides an outlet for the dissemination of research and analysis done in Treasury, on a broad range of topics. The articles published in this journal are highly relevant to the current policy issues.]
Selected consultation reports:
- 2018
35. Brown, L., J. Li, X. Gong, and H. La (2018) "A Societal Costs of Primary Progressive Multiple Sclerosis (PPMS)", Report to Roche Australia
36. Brown, L., J. Li,H. La, and X. Gong (2018) "A Scoping Study on the Modelling of NHMRC's New Grant Funding Program", report to NHMRC.
37. Gong, X. and R. Tanton (2018) "Returns to education in Australia 2006-2016", Report to KPMG.
38. Gong, X.,R. Tanton, and Y. Vidyattama (2018) "Economic impacts of the Victorian Government's Regional Fast Rail Project (RFRP)", Report to Victorian Government.
- 2017
39. Brown, L., J. Li, and X. Gong (2018). "Extract and Analysis of NHMRC Workforce Data from 2000 to2016 and Associated Predictive Modelling", Report to NHMRC.
40. Brown, L., J. Li, H. La, and X. Gong (2017) "Gender Analysis NHMRC Data 2001 to 2015 - Descriptive Analysis and Quantitative Investigation of the Determinants of Success", Report to NHMRC.
- 2015 and earlier
41. Evans, M, B. Burmester, M. Edwards, X. Gong, C. McGregor, B. Phillips and M. (2015) "Should they stay or should they go? Relocation and the APS", Report to the ACT government.
42. Gong, X.,L. Brown, and L. Thurecht (2014). "Meeting 'Hidden' Household Costs of Care in the Home: Impacts of the Presence of Disability on Expenditure Patterns of Older Australian Households", Report to National Seniors Productive Ageing Centre.
43. Gong, X.,R. Cassells, and A. Duncan (2012). "Does part-time work at school impact on going to university?", Report to NCVER, Department of Industry, Innovation Science, and Tertiary Education.
44. Tanton, R., I. Mohanty, Y. Vidyattama, X. Gong, and L. Thurecht (2012). "Estimating the costs of long term jobless families to Australian governments", Report to Department Of Prime Minister and Cabinet.
45. Gong, X., C. Ryan, and S. Whelan (2006). "Senior Australians in the Workforce", report to Department of Families, Community Services and Indigenous Affairs (FaCsia).
46. Gong, X. and T. Gorgens (2005) "Childcare: A review of the literature and patterns from the Longitudinal Survey of Australian Children", report to FaCsia.
47. Gong, X. and T. Gorgens (2005) "Is it good for children to attend child care early?", report to FaCsia.
- Papers in Working Progress/submitted
- Gong,X., R. Breunig, and B. Freyens (2022). "Compatibility in personality and non-cognitive skills, problem gambling and relationship dissolution in Australia", mimeo, University of Canberra
 - Freyens, B. and X. Gong (2021) "Always Look at The Supply Side Of Things Or: Why Subsidies Don't Improve Childcare Affordability In Australia".

IDENTIFIABLE BENEFITS OUTSIDE OF ACADEMIA

a) Xiaodong's work has been instrumental to policy thinking around childcare subsidies and women's labour supply in Australia, and forms a cornerstone of current childcare subsidy policy in Australia. His series of work on childcare have been quoted in one of the Senate hearings on Childcare in 2011, by the OECD report on Australia's childcare policy, and by the Productivity Commission. The Productivity Commission (2015) in its inquiry into childcare in Australia and recommendations for a new policy framework (implemented by the government in2017) relied heavily upon a series of Xiaodong's work on childcare.

b) His work on the impact of judicial background on judges' behaviour (Freyens and Gong, 2017) has been interested by the policymakers including Productivity Commission, Department of Employment, and FairWork Australia. They were invited to present this piece of work at Productivity Commission and Department of Employment.

c) The quality of Xiaodong's research means he is often approached for advice by many government departments and agencies, including the Departments of Prime Minister and Cabinet, Education, Employment, Social Services, and Fair work Australia, for state governments of NSW, Victoria, and the ACT, and the Productivity Commission.

d) His work has also been interested by the Media, e.g., both Gong (2011) and Breunig et al(2010) were reported by the major media outlets including SMH, the Australian, and the Financial Review. In 2020, he has been interviewed by SBS two times on Australia's childcare and wage allowance policy during COVID-19(<https://www.sbs.com.au/chinese/mandarin/zh-hans/audio/can-government-subsidies-last-for-a-long-timeand>,<https://www.sbs.com.au/chinese/mandarin/zh-hans/audio/free-childcare-is-coming-to-an-end-is-this-temporary-policy-really-to-save-parents-money>).In2021, he was invited to discuss his work on gambling at Faculti (an international online platform which invites speakers including Nobel Laureates to speak to a broad public audience. <https://faculti.net/cognitive-abilities-non-cognitive-skills-and-gambling-behaviors/>).

RESEARCH INCOME and PANELMEMBERSHIP:

In total, I have attracted research income of \$2,589,628overmy career in Australia, in which \$684,628 was since I joined UC(data is current in January 2022).

Current Grant

2021 ARC DP (DP210101643) 'Gambling and Families' (\$215,315, Cat 1) (Breunig, R, X. Gong, Freyens, B., and Stillman, S.)2021

ACT Government Research project (\$149,605, Cat 3) : Assessing Workforce Shortages and identifying barriers to workforce attraction in the ACT (Johns, R., X. Gong, N. Dale, B. Freyens, and J. Fear)

Past Grants:

2019 ACT Government, "Analysis of the impacts and outcomes of tax reform" (joint with Crawford School, ANU, \$100,000, Cat 2).2018 KPMG, "MRE Modelling returns to education" (\$20,000, Cat 3).2018 Victorian Government, "Econometric modelling of the broader economic impacts of the Victorian Government's Regional Fast Rail Project" (\$99,000, Cat 2).2018 Roche Australia "Societal Costs of Haemophilia A" (\$60,000, Cat 3)2018 NHMRC "Scoping Study on the modelling of NHMRC's new grant finding program" (\$20,000, Cat2).2017 NHMRC "Extract and analysis of NHMRC gender data from 2001 to 2016"(\$16,670 Cat 2)2017 NHMRC "Extract and analysis of NHMRC workforce data from2001 to 2016 and associated predictive modelling" (\$55,853 Cat 2)2016 AMP services, "NATSEM AMP Report 39 – for better, for worse, for richer, for poorer---Financial Impacts of Divorce in Australia" (\$83,500, Cat 3)2012National Seniors Australia, "Going without – meeting 'hidden' household costs of aged care in the home" (\$40,000 Cat 3)2011 NCVER Research Grant "Education, Employment and The Dynamics of Working While at School", with Alan Duncan and Rebecca Cassells (\$40,000 Cat 3).2003- 2005 ARC linkage Grant LP0347497: The Dynamics of Low Income, Welfare reliance, and Changes in the Family Structure of Parents with Dependent children, with Prof RG Gregory; Dr PJ Thapa; and Dr McGray (\$230,000, 2003-2005, Cat 1);2006 - 2011 ARC linkage Grant LP0669728:Rural-Urban Migration in China and Indonesia: Patterns, Consequences and Policy Intervention, with Dr X Meng; Dr P Frijters; Dr C Manning; Dr BP Resosudarmo; Dr S Howes (\$1,675.000, Cat 1);

Panel membership (through competitive bidding)

- 2016 - 2026Refreshable Panel for Research and Evaluation Services, Department of Education, Skills and Employment
- 2017 – 2020Health Data Analytics Panel, Commonwealth Department of Health
- 2017 - 2019Learning and development – Specialist Technical Skills Panel, Australia Tax Office
- 2015 – 2018Health Economics panel, Commonwealth Department of Health
- 2014-2018Panel Agreement for the Services of Program Review and Evaluation, Commonwealth Department of Health
- 2013 – 2016DEEWR Research, Evaluation ad Analysis Panel, Department of Education, Employment and Workplace Relations
- 2012 - 2016Panel for the Provision of Social Policy Research, Investment in Data and Professional Development Services, Department of Social Services

REFEREED FOR

- More than 25journals including the following major journals in the field: Journal of Econometrics; Journal of Applied Econometrics; Journal of Business and Economics Statistics, Labour Economics; Empirical Economics, Econometrics, Journal of Population Economics; Journal of Comparative economics; Oxford Economic Papers, Economic Records, Economic Modelling, IZA Journal of Labour Economics, The Review of Economics of the Household, World Development, British J of Economic Analysis and Policy, Food Policy, Australian Economic Review, Cogent Economics and Finance, Social Science & Medicine, Education economics, Bulletin of Economic Research, Policy Studies, etc.
- ARC assessor for DP, Linkage, and DECRA (since 2012)
- PhD theses from including the ANU, University of Adelaide, Monash University, University of Western Australia, Macquarie University, and the Indian Statistical Institute.

TEACHING and CURRICULUM DESIGN

2019- Unit convenor Two units of Quantitative methods in Commerce(11165 UG and 11405 G), offered in both Semesters on the Bruce Campus and UCC, and in Semester 1 on the GBCA and SKVM campuses. This is a large, first year, and quantitative unit. It was a new unit in 2019, BGL

2019- Unit convener Econometrics (11227). This is a quantitative unit and a new unit in 2019, BGL
 2019 Unit convener Two units of Economics for Managers (6234 G and ECust), BGL
 2018 Lecturer Economic Policy Analysis Module in the Public Policy unit (MPA and MBA Program) , IGPA

2016 Unit convener Unit of Introductory Econometrics (9801 Graduate Certificate in Economics) , IGPA
 2015 Unit convener Unit of Contemporary Issues in Microeconomics (6401 Economics Degree), BGL
 2015 Unit convener Unit of Introductory Econometrics (9801 Graduate Certificate in Economics, new unit in 2015),
 IGPA

Curriculum development activities at UC
 2019 Review of Introductory Economics, BGL
 2019 Bachelor of Applied Economics, BGL
 2018 Design of the module 'Specialisation in Economic Policy Analysis' of the new Master of Public Policy and
 Administration program(MPPA)IGPA
 2015 Coordinator, co-designer Curriculum of the Graduate Certificate in Economics program. Designed 3 out of 4 units,
 IGPA

Earlier experiences

Economic Models and Introductory Econometrics (2002 and 2003EMET8005 at ANU)
 Applied econometrics in North-western Agricultural and Forestry University of China (2007) and Zhejiang University
 (2004),respectively.