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**Affiliation** Centre of Policy Studies  
Victoria University, 300 Flinders Street, Melbourne, Victoria 8001, Australia  
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**QUALIFICATIONS** **Doctoral of Philosophy**, 2005, Department of Economics, Monash University, Melbourne, Australia  
**Master in Economics**, 1994, Department of Economics, Renmin (People's) University of China, Beijing, China  
**Bachelor in Economics**, 1991, Department of Economics, Renmin (People's) University of China, Beijing, China

### WORK EXPERIENCE

Feb.2014 to Present Senior Research Fellow  
Centre of Policy Studies, Victoria University  
Melbourne, Australia

Dec. 2007 – Jan.2014 Senior Research Fellow  
Centre of Policy Studies, Monash University  
Melbourne, Australia

Jan. 2005 – Dec. 2007 Senior Research Associate  
Australian Institute for Social research, The University of Adelaide  
Adelaide, Australia

Feb. 2002 -- Dec. 2004 Research Assistant  
Department of Economics, Monash University  
Melbourne, Australia

May 1996-June 2001 Lecturer  
Department of Demography and Institute of Population Research,  
Renmin (People's) University of China  
Beijing, China

July 1994-April 1996 Assistant Lecturer  
Department of Demography and Institute of Population Research,  
Renmin (People's) University of China, Beijing, China

### PROFESSIONAL MEMBERSHIPS

Population Association of America  
International Union for Scientific Study of Population (IUSSP)  
Fellowship of Leadership for Environment and Development (LEAD Program)  
Hong Kong Economic Association

**AWARDS**

March 2006	Mollie Holman Doctoral Medal from Monash University for best thesis submitted in 2005
December 2005	Qantas Research Travel Support Award at University of Adelaide
Jun.2001 – Dec.2004	Monash International Postgraduate Research Scholarship
Jun.2001 – Dec.2004	Monash Graduate Scholarship
September 1996	Liuzheng Population Teaching Award Renmin University of China
July 1996	Excellent Teacher Award Renmin University of China
September 1992	Guanghua Excellent Student Scholarship Renmin University of China
June 1991	Excellent Graduate Renmin University of China
1987 - 1991	Excellent Student Scholarship for four years Renmin University of China
1987 - 1991	Tri-perfect Student Honour for four years Renmin University of China

**PROFESSIONAL TRAINING**

July 2004	Constructing a CGE Data Base Centre of Policy Studies, Monash University Melbourne, Australia
November 2003	MONASH Model Courses (Dynamic CGE modelling) Centre of Policy Studies, Monash University Melbourne, Australia
June. 2003	Practical General Equilibrium Modelling Centre of Policy Studies, Monash University Melbourne, Australia
Jan. - Feb. 2001	Communicating Population, Environment and Health Research to policymakers Population Reference Bureau in America (PRB) and Mohidol University Bangkok, Thailand
January 2001	Workshop on Population, Environment and Health RAND Corporation Santa Monica, CA. USA
May 2000	Environmental Economics and Sustainable urban Development World Bank and Tongji University Shanghai, China
May – June 1999	Linkages between Population, Environment, and Health: 30th Summer Seminar on Population East-West Centre, Honolulu, Hawaii, USA

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Nov.- Dec., 1996	Training Workshop on Demographic Aspects of Population Ageing and their Social- Economic Implication for Policy Making United Nations and International Institute on Ageing in Malta Valletta, Malta
December 1994	Population, Environment and Sustainable Development UNFPA and China National Demographic Training Centre Beijing, China
Sep.1992 - Jun 1993	Advanced Economics Intensive Training Ford Foundation and Sino-American Economic Training Centre Beijing, China

### **RESEARCH EXPERIENCE (RESEARCH PROJECTS)**

1. Economic features and social supporting system of an aging society China - a CGE simulation with China State Information Centre, February 2017 to September 2017;
2. Model development and long term economic development forecasting for Shenzhen, Guangdong Province of China, collaborative research project with Shenzhen Academy of Social Sciences, co-investigator, October 2015 – September 2016;
3. Modelling the implications of China's changing growth pattern for natural gas demand, collaborative research project with the Department of Industry and Sciences, Australia, co-investigator, January 2015 –January 2016;
4. Implications of China's hydro power development for her energy security, collaborative Research project with the China Institute of Water Resources and Hydropower Research, co-investigator, January 2015 – December 2015;
5. Understand Florida labour market collaborative Research project with Florida Government, co-investigator, July 2014 – December 2014;
6. Understand illegal immigrants in the agricultural sector in the United States, collaborative Research project with Department of Agriculture, co-investigator, December 2013 –June 2014;
7. Implications of solar and wind energy development on China's economic growth and carbon emission, collaborative Research project with Peking University, co-investigator, January 2013 – December 2013;
8. Development of climate change modelling for China's carbon emission trading scheme, collaborative research project with China State Information Centre sponsored by the Department of Climate Change and Energy Efficiency, Australia, co-investigator, 2008 –2010;
9. Investigation of internal migration and labour market reform in China, the China-Australia Governor program sponsored by AusAID, co-investigator, 2006 to 2008.

10. The impact of population control policies on the economic growth of Beijing: A dynamic computable general equilibrium analysis, Collaborative Research Grant Scheme with CUFU 2015, Victoria University, Feb2015 to Feb.2016
11. Population ageing, labour mobility and sustainability of China's economic growth, Australia Research Council (ARC) Discovery Project, sole investigator, January 2008 to October 2011;
12. Incorporating demographic module into SICGE Model, Faculty Support Grant for New Academic Staff, sole investigator, Faculty of Business and Economics, Monash University, August 2008- July 2009
13. Demographic change, ageing and the workforce: An integrated model to inform workforce development and planning in Australia, Australia Research Council (ARC) Linkage Project, participating researcher, January 2005- January 2008.
14. Towards a model to understand the impacts of population ageing for labour supply and macroeconomic growth in China, Faculty of Humanities and Social Sciences Small Grant Scheme, the University of Adelaide, Chief investigator, January 2006 to December 2006.
15. Research on China's population policy in the 21st Century, China State Family Planning Commission: 2-year project, co-investigator, 1999-2000;
16. China's population, environment and sustainable development, China State Family Planning Commission: 3-year project, participating researcher, 1997-1999;
17. Evaluation of the effectiveness of China's family planning program, China State Family Planning Commission: 2-year project, co-investigator, 1998-1999;
18. Migration of Labour from the Suburbs to Beijing and Its Economic Effects, Beijing Social Science Foundation: 3-year project, participating researcher, 1995-1997;
19. Data Analysis of the Fourth Population Census, China National Statistical Bureau: 2-year project, participating researcher, 1995-1996.

### **SELECTED PUBLICATIONS:**

1. "Rural-led exchange rate appreciation in China" (with Gordon Menzies, S. Xiao, Peter Dixon, and Maureen Rimmer), *China Economic Review*, 39:15-30 (2016).
2. "Impact of water price reform on water conservation and economic growth in China" (With Jing Zhao, Hongzhen Ni, Jifeng, Li and Genfa Chen), *Economic Analysis and Policy*, <http://dx.doi.org/10.1016/j.eap.2016.06.003> (2016).
3. "The effects of facilitating the flow of rural workers to urban employment in China" (with Yinhua Mai, Peter Dixon, Maureen Rimmer), *Papers in Regional Science*, Vol.93 (3): 619-642 (2014).
4. "The effects of *Hukou* system reform on the rural urban household income" (with Yinhua Mai and

- Yu He), *Studies in Labour Economics*, Vol.1 (1), pp. 84-103 (2013).
5. "How fast is population ageing in China?" (with Yinhua Mai and Wei Chen), *Asian Population Studies*, Vol.9 (2): 216-239 (2013).
  6. "Estimating the size of rural surplus labour in China - - A dynamic general equilibrium analysis" (with Yinhua Mai), *The Chinese Economy*, Vol.45 (5) (2012).
  7. "Demographic Shift, Population Ageing and Economic Growth in China – A Computable General Equilibrium Analysis", *Pacific Economic Review*, Vol.13 (5), pp.680-698 (2008).
  8. "Demographic Change and Population Ageing: Implications for Labour Supply and Economic Growth in a City State-South Australia," (With John Spoehr) Conference proceedings of State of Australian Cities Conference 2007, 28-30 November, Adelaide, Australia.
  9. "Japan's Fertility Transition: Empirical Evidence from the ARDL Approach to Cointegration" (with Paresh Narayan), *Journal of Japan and the World Economy*, Vol.19, pp.263-278 (2007).
  10. "Low Fertility, Population Ageing and Labour Supply in China," (with Diertich Fausten) *China Labour Economics*, Vol.4, pp43-63 (2006).
  11. "Population Ageing and Labour Supply Prospects in China from 2005 to 2050" (with Diertich Fausten), *Asia-Pacific Population Journal*, Vol.21 (3), pp. 23-54 (2006).
  12. "An Econometric Analysis of the Determinants of Fertility in China, 1952-2000" (with Paresh Narayan), *Journal of Chinese Economic and Business Studies*, Vol. 4(2), pp.165-183 (2006).
  13. "Macroeconomic Consequences of Population Ageing in China – A Computable General Equilibrium Analysis" (in Chinese), *Journal of Population Research*, Vol.30 (4), pp.12-22 (2006).
  14. "Parental Education and Child Health – an Evidence from China," (with Pushkar Maitra and Yaer Zhuang), *Asian Economic Journal*, Vol 20 (1), pp.47-74 (2006).
  15. "Population Ageing, Human Capital Accumulation and Economic Growth in China: An Applied General Equilibrium Analysis," *Asian Population Studies*, Vol. 1(2), pp.169-188 (2005).
  16. "Population Ageing, the 'Demographic Window' and Interregional Migration in China", *Conference proceedings of "Globalisation and Labour Mobility in India and China," 29 to 30 November 2005, edited by Smyth, R., C., Nyland, M. Bhattacharya and M. Viczianny* (2005).
  17. "China's Fertility Transition: Empirical Evidence from Cointegration and Error Correction Models" (with Paresh Narayan), *Conference proceedings of "The Institutional Challenges for the Global China" 13-14, November 2003, edited by Smyth, R., O., Tam, and C. Zhu*, (2003).
  18. "Expanding Domestic Demands and Stabilizing the Low Fertility," *Journal of Population Research*, No.1 (2001), in Chinese.

19. "Environmental Pollution and Human Health", supplement to Vol.24, *Population Research*, (2001), in Chinese.
20. "How Far Away is the Food Pollution from us --- the Impact on Human Health of Food Pollution Resulting from Environmental Pollution", *China Women News*, July19, (2000), in Chinese.
21. "Evaluation of Effects of Declining Fertility in China", *North-western Population Journal*, No.1, (2000), in Chinese.
22. "Changes of the Employment Structure and their Long-term Effects on China's Economy", Supplement to Vol.22, *Population Research*, (1999).
23. "World Population and Grain", *China Population News*, April 18, (1997), in Chinese.
24. "World Population, Resources and Environment", *China Population News*, March 21, (1997).
25. "Population and International Economic Development", *China Population News*, March 7, (1997), in Chinese.
26. "Human-centred Sustainable Development: A New Approach to Population and Development", *Journal of Population Research*, 1996(2), in Chinese.
27. "Human Capital and Sustainable Development", *China Population News*, January 15, (1996), in Chinese.
28. "Impact of the Population Factor on Economic Take-off in China", *Journal of Guangdong Development Herald*, No.6, (1995), in Chinese.
29. "Study of Seasonal Migration of Agricultural Labourers in China", *Journal of Finance and Economics of Xinjiang*, No.1, (1993), in Chinese.
30. "The Role of Agricultural Technology Training on the Agricultural Modernization of China", *Journal of Plan and Development*, No.5, (1992), in Chinese.
31. "Reasons for the High Fertility Rate in Rural Regions of China", *Journal of Graduate Times*, No.1, (1992), in Chinese.

#### **WORKING PAPERS AND RESEARCH REPORT :**

1. "Factors affecting China's LNG Demand" (with Jin Liu and Philip Adams), Repot of Department of Industry and Sciences, Australia (2016)
2. "Estimate the Illegal Immigrants in the Agricultural Sector of United States of America", Research report for the Department of Agriculture, United States of America (2014).

3. "Population Ageing, Retirement Age Extension and Economic Growth in China: a Dynamic Equilibrium Analysis" (with Yinhua Mai), Centre of Policy Studies, Monash University (2013).
4. "The Contribution of Rural Migration to China's Economic Growth – A Historical Analysis" (with Yinhua Mai), Centre of Policy Studies, Monash University (2012).
5. "Labour Market Reform, Rural Migration and Income Inequality in China -- a Dynamic General Equilibrium Analysis" (with Yinhua Mai), Centre of Policy Studies, Monash University (2011).
6. "Estimating Rural Surplus Labour in China – a Dynamic General Equilibrium Analysis" (with Yinhua Mai), Centre of Policy Studies, Monash University (2008).
7. "Population Ageing, Labour Market Reform and Economic Growth in China – An Applied General Equilibrium Analysis" (With Yinhua Mai), Centre of Policy Studies, Monash University (2008).
8. "Demographic Change and Population Ageing: Implications for Labour Supply and Economic Growth in a City State-South Australia," (With John Spoehr), Australian Institute for Social Research, the University of Adelaide (2007).
9. "The Changing Age Profile of South Australian Labour Force" (with John Spoehr), Australian Institute for Social Research, The University of Adelaide (2006).
10. "Demographic Shift, Population Ageing and Labour Force Participation Rate in Australia and South Australia" (with John Spoehr), Australian Institute for Social Research, The University of Adelaide (2006).
11. "Population Ageing, Immigration and Policy responses in Australia" (with John Spoehr and Graeme Hugo), Australian Institute for Social Research, The University of Adelaide (2006).
12. "South Australia's Changing Labour Market" (with John Spoehr), Australian Institute for Social Research, The University of Adelaide (2005).
13. "Labour Market Forecasting: How can Projection Better Inform Workforce Planning and Development" (with John Spoehr and Lise Windsor), Australian Institute for Social Research, The University of Adelaide (2005).

#### **INTERNATIONAL CONFERENCE PRESENTATIONS:**

1. "China's Changing Economic Growth Pattern and its implications for China's Demand for LNG", paper presented at the 19<sup>th</sup> GTAP Annual Conference (Washing D.C, USA, 15-17 June 2016).

2. "Contribution of Rural Migration to China's Economic Growth – a Historical Estimation", paper presented at the 18<sup>th</sup> GTAP Annual Conference (Melbourne, Australia, 17-19 June 2015).
3. "Population Ageing, Retirement age extension and Economic Growth – a Dynamic General Equilibrium Analysis", paper presented at the XXVII IUSSP International Population Conference (Busan, Korea, 26-31 August 2013).
4. "The Economic Implications of the Retirement Age Extension in China", paper presented at the 16<sup>th</sup> GTAP Annual Conference (Shanghai, China, 12-14 June 2013).
5. "Rural Migration and China's Economic Growth –A CGE Analysis", paper presented at 12<sup>th</sup> Pacific Regional Science Conference Organization (PRSCO) summer conference in Beijing (Beijing, China, July 2012).
6. "Labour Market Reform, Rural Migration and Income Inequality in China -- a Dynamic General Equilibrium Analysis" paper presented at the annual conference of the Association for Chinese Economic Studies Australia (ACESA) in Perth (Perth, Australia, July 2011).
7. "Estimating China's Rural Surplus Labour – a Dynamic General Equilibrium Analysis," paper presented at the 12<sup>th</sup> GTAP Annual Conference (Santiago, Chile, 10-12 June 2009).
8. "How Many Surplus Labours are Available in Rural China," paper presented at the Biannual Conference of Hong Kong Economic Association (Chengdu, China, 14-16 December 2008).
9. "Population Ageing, Labour Market Reform and Economic Growth in China – An Applied General Equilibrium Analysis," paper presented at Markets and Models – Policy Frontiers on the AWH Phillips Tradition (Wellington, New Zealand, July 2008).
10. "The Extensive Review of CGE Analysis on China's Labour Market", a key note speech presented at International conference organized by China State Information Centre, 2007 (Beijing, China 2007).
11. "Demographic Change and Population Ageing: Implications for Labour Supply and Economic Growth in a City State-South Australia," paper presented at State of Australian Cities Conference 2007 (Adelaide, Australia, November 2007).
12. "Population Ageing, Labour Market Integration and Economic Growth in China - A Dynamic General Equilibrium Analysis," paper presented at *International Conference of Migration and Social protection in China* (Beijing, China, September 2007).
13. "Economic Implications of China's Demographic Shift and Population Policy Responses" paper presented at *All China Economics International Conference* (Hong Kong, December 2006).
14. "Population Ageing and Labour Supply Prospects in China from 2005 to 2050", paper presented at *International Workshop on Demographic Shift in Low and Middle Income Countries: Issues, markets and Policy Response* (Sydney, Australia, July 2006).



15. "Population Ageing and Labour Supply and Economic Growth in China –A Computable General Equilibrium Analysis", paper presented at *International conference on Population and Development in Asia: Critical Issues for a Sustainable Future* (Phuket, Thailand, March 2006).
16. "Population Ageing, the 'Demographic Window' and Interregional Migration in China", paper presented at *International Conference on Globalisation and Labour Mobility in India and China* (Melbourne, Australia, November 2005).
17. "Demographic Window, Human Capital Accumulation and Economic Growth in China", paper presented at *IUSSP's XXV International Population Conference* (Tours, France, July 2005).
18. "Mother's education and Child's Health – an Empirical Evidence from Probit Model", paper presented at *IUSSP's XXV International Population Conference* (Tours, France, July 2005).
19. "Will Relaxation of the One-child Policy Benefit China? -- A Computable General Equilibrium Analysis", paper presented at *Annual National Doctoral Conference in Economics and Business* (Canberra, Australia, November 2004).
20. "Population Ageing, Human Capital Accumulation and Economic Growth in China – An Applied General Equilibrium Analysis", paper presented at the international conference "*Demographic Window and Healthy Ageing: Socioeconomic Challenges and Opportunities*" organized by IUSSP, Asian MetaCentre and Peking University (Beijing, China, May 2004).
21. "The Macroeconomic Consequences of Population Ageing and Population Policy Choice in China: A Computable General Equilibrium Analysis", paper presented at *the Annual Meetings of Population Association of America (PAA)* (Boston, USA, April 2004).
22. "Parental Education and Child Health: Evidence from China", paper presented at the workshop on *Population Change in China at the Beginning of the 21st Century*, Australian National University, (Canberra, Australia, December 2003).
23. "China's Fertility transition: Empirical Evidence from Cointegration and Error Correction Models", paper presented at *the international conference on Institutional Challenges for the Global China* (Melbourne, Australia, November 2003).
24. "Population Growth, Transaction Efficiency and Economic Development in the Selected South-East Asian Countries", paper presented at the "*2002 IUSSP Regional Conference—South East's Population in a Changing Asian Context*" (Bangkok, Thailand, June 2002).
25. "Fertility Decline and its Macro Economic impacts on China's Economy", Paper presented at *the Sixth Doctoral Conference, Faculty of Business and Economics, Monash University* (Melbourne, Australia, December 2001).