

Jianghong Li

Professional Background and Profile in Brief

Dr. Jianghong Li completed her Bachelor Degree of Arts with a major in English and English Language from Yunnan University, China, in 1982. She then obtained her Master degree in 1986 and PhD in sociology with a minor in economics in 1992 in the United State. She was awarded the Mellon Postdoctoral Fellowship in 1992-1993 at the University of Washington in Seattle. Between 1994 and 1996 she was a Research Associate at the Swiss Federal Institute of Technology in Zurich. Since 2000 she has been conducting research in social epidemiology and child health and development in Perth, Western Australia, collaborating with scientists from population health and epidemiology, psychology, labour economics and biomedical sciences. Before she joined WZB in 2012, Jianghong Li was a **Senior Research Fellow** at Curtin University and **Associate Professor** at Telethon Institute for Child Health Research, The University of Western Australia.

She is interested in the broad issue of modernity's paradox whereby we witness declines in indicators of human development and rising social inequality despite postmodern society's unprecedented economic prosperity and medical and technological advancements. Her research interest centres around social, economic, psychological, cultural determinants of child health and development; the interface between socioeconomic, psychological and biological factors contributing to inequalities in health and wellbeing. Her research interest and activities (present and past) are multidisciplinary in nature and involve various national contexts (China, US, Australia, and Europe). They can be grouped into five interrelated areas: *Economy and Health, Social Inequality in Health, Gender and Health, Migration, Ethnicity and Health, and Psychosocial and Nutritional determinants of child health and development* (see details on next pages). **Inequality, health and wellbeing, disadvantage and complex pathways** are the key concepts that link these seemingly very diverse research topics together.

Detailed Professional Profile (with selected publications)

Economy and health (work and child health and wellbeing)

Dr. Li's current research focuses on the connection between the 24 hours/7 day economy and the health and development of children in Australia, Germany and other developed countries. Specifically, she is interested in the impact of parental employment status, work hours and work scheduling (e.g., unsociable or nonstandard work hours outside 8 am to 5 pm from Monday through Friday), and job quality on children's health and development (social, emotional, and behavioural problems, overweight and obesity, risk taking behaviour, and educational achievement), particularly among children and adolescents from socially disadvantaged families (e.g., low income and single parenthood). Her research also investigates factors that mediate or moderate this impact, such as family and community resources and social policy/support system at the national level. She has published an influential critical review and numerous empirical studies on this topic.

1. Till Kaiser, **Jianghong Li**, Matthias Pollmann-Schult. Evening and night work schedules and children's social and emotional well-being. *The Journal of Community, Work & Family* <http://www.tandfonline.com/eprint/FxhtciJC9SRYxikUwvXt/full>
2. **Jianghong Li**, Plamen Akaliyski, Jakob Schäfer, Garth Kendall, Wendy H.Oddy, Fiona Stanley, Lyndall Strazdins: Non-linear relationship between maternal work hours and child body weight:

- Evidence from the Western Australian Pregnancy Cohort (Raine) Study. *Social Science & Medicine* 2017, 186:52-60. Post print in PDF available at https://www.wzb.eu/sites/default/files/personalPage/li_jianghong/li_non-linear_relationship-postprint.pdf
3. **Jianghong Li** and Wen-Jui Han. Our 24/7 economy and the wealth of nations. *Globalisation under Pressure The Conversation* , 15 May 2017.
 4. Lyndall Strazdins, **Jianghong Li**, and Anne Song. Die unsichtbare Familie Geld, Zeit und Liebe sind in der Ökonomie des 21. Jahrhunderts ungleich verteilt. WZB Mitteilung, 153 September 2016.
 5. Lyndall Strazdins, Jennifer Baxter, **Jianghong Li**. Long hours and longings: Australian children's views of fathers' work-family time. *Journal of Marriage and Family* 2017: (Online first: DOI: 10.1111/jomf.12400).
 6. Mike Dockery, **Jianghong Li**, Garth Kendall. Sole-parent work schedules and adolescent wellbeing: Evidence from Australia. *Social Science & Medicine*, 2016, 168: 167-174 DOI information: 10.1016/j.socscimed.2016.09.019.
 7. **Jianghong Li** and Mathias Pollmann-Schult. Fathers' commute to work and children's social and emotional well-being in Germany. *Journal of Family and Economic Issues* 2016, 37: 488. doi:10.1007/s10834-015-9467-y
 8. **Jianghong Li**, Sarah Johnson, Wen-Jui Han, Andrews S, Dockery M, Kendall G and Strazdins L. Parents' nonstandard work and child wellbeing: A critical review of the literature. *Journal of Primary Prevention* 2014, 35 (1): 53-73 (DOI: 10.1007/s10935-013-0318-z).
 9. Sarah Johnson, **Jianghong Li**, Garth Kendall, Lyndall Strazdins, Peter Jacoby. Mothers' and Fathers' Work Hours, Child Gender and Behavior in Middle Childhood. *Journal of Marriage and Family*, 2013, 75: 56-74.
 10. **Jianghong Li**, Therese O'Sullivan, Sarah Johnson, Fiona Stanley, Wendy Oddy. Maternal work hours in early to middle childhood link to later adolescent diet quality. *Public Health Nutrition* 2012, 15 (10): 1861-1870.
 11. Dockery M, **Li J**, Kendall G. Parents work patterns and adolescent health and wellbeing. *Social Science & Medicine* 2009, 68:689-698.

Third-party funding

1. Australian Research Alliance for Children & Youth (ARACY) ARC/NHMRC Research Network Seed Funding (AUS\$25,000, 2008)
Title: Impact of the labour market on the wellbeing of Australian children and youth
CIs: **Li J**, Dockery M, Kendall G, Strazdins L, Andres S.
2. Foundation for Children (ID: 2010-039, 2011-2012 AUS\$160,000)
CIs: **Li J**, Kendall G, Strazdins L.
Title: Impact of parental work on mental health in Australian children
3. German Science Foundation (Deutsche Forschungsgemeinschaft) (178,130 euro, 2015-2017)
CI: Jianghong Li and Matthias Pollmann-Schult. Title: The 24/7 economy and the health and wellbeing of family and children in Germany.

Work in planning stage

My colleagues from the US (New York University) and Finland and I initiated a research network in this field, called “**Global Research Network on Children in the 24/7 Economy (GRNCE)**”, including scholars from Australia, Finland, Germany, Ireland, Japan, Portugal, UK, and US. Applications for funding (in the US and Europe) to support a research program on cross-national comparisons are being planned.

A symposium titled “**Families and children in the 24/7 economy: A global perspective**” has been submitted by me to the 9th Conference of European Society for Family Relations September 2018 in Porto, Portugal.

Social inequality in health and wellbeing

My research in this area goes beyond the well-established link between parental socioeconomic status (SES) encompassing education, occupation, income) and child development. My keen interest lies in the complex mechanisms/pathways (social, economic, psychological, biological and cultural) that underpin this link. This topic remains under researched. I have published theoretical work on this issue () and now are beginning to help open the “black box” with empirical data in collaboration with colleagues in Germany (see below publication 1 and 2).

Moreover, I am interested in a much broader range of social-economic disadvantages than just low parental SES in early childhood and its long-term impact on children’s development. Hence, I have published a lot of research on various groups of vulnerable and marginalized children, including children born to parents who suffer from mental health problems, children who experienced abuse and neglect, and children who come from different cultural and ethnic backgrounds and experience racism and discrimination. In a similar vein, I have contributed to a research project on the health of prisoners in China, a profoundly marginalized group and I have co-authored two publications on this topic.

1. Till Kaiser, **Jianghong Li**, Matthias Pollmann-Schult, Anne Y. Song. Poverty and child behavioural problems – the mediating role of parenting and parental well-being. *The International Journal of Environmental Research and Public Health* 14, 981; doi:10.3390/ijerph14090981
2. **Jianghong Li**, Till Kaiser, Matthias Pollmann-Shult. Association between Parental Socioeconomic Status and Children’s School Grades: The Importance of Parenting and Child Behaviour Problems (to be presented at the Session titled “Social Stratification of Child Development” organized by Research Committee RC28 Social Stratification, XIX ISA World Congress of Sociology in Toronto 15-19 July 2019. The paper is currently under review by *Acta Sociologica*.
3. Carrington C.J. Shepherd, **Jianghong Li**, Matthew N. Cooper, Katrina D. Hopkins and Brad M. Farrant. The impact of racial discrimination on the health of Australian Indigenous children aged 5–10 years: analysis of national longitudinal data. *International Journal for Equity in Health* (2017) 16:116, DOI 10.1186/s12939-017-0612-0.
4. Nan Hu, Catherine L. Taylor, **Jianghong Li**, Rebecca A. Glauert. The impact of child maltreatment on the risk of deliberate self-harm among adolescents: A population-wide cohort study using linked administrative records. *Child Abuse & Neglect* 2017, 67: 322-337.
5. Lorraine Yap, Su Shu, Lei Zhang, Wei Liu, Yi Chen, Zunyou Wu, **Jianghong Li**, , Handan Wand, Basil Donovan, Tony Butler. Psychological distress among re-education through labour camp detainees in Guangxi Autonomous Region, China. *Journal of Mental Health*. (online first: <http://dx.doi.org/10.1080/09638237.2016.1276529>)
6. Nan Hu, **Jianghong Li**, Rebecca A. Glauert, Catherine L. Taylor. Influence of Exposure to Perinatal Risk Factors and Parental Mental Health Related Hospital Admission on Adolescent Deliberate Self-harm Risk. *European Child & Adolescent Psychiatry* 2017: DOI 10.1007/s00787-017-0948-4.

7. Carrington CJ Shepherd, **Jianghong Li**, Francis Mitrou, Stephen R Zubrick. Socioeconomic disparities in the mental health of Indigenous children in Western Australia. *BMC Public Health* 2012 **12**:756 doi:10.1186/1471-2458-12-756 <http://dx.doi.org/10.1186/1471-2458-12-756>
8. **Jianghong Li**. Wie Gesundheit Bildungswege prägt Frühe Beeinträchtigungen können lebenslange Folgen Haben. WZB Mitteilung Issue 138 December 2013.
9. Langridge A, **Li J**, Nassar N & Stanley F. Community-level socioeconomic inequalities in infants with poor fetal growth in Western Australia, 1984 to 2006. *Annals of Epidemiology* 2011; 21(7):473-80.
10. Kendall GE, van Eekelen JA, Mattes E, **Li J**. Children in harm's way: a global issue as important as climate change. *Forum on Public Policy*. Spring 2009 (September 2009). <http://forumonpublicpolicy.com/spring09papers/archivespr09/kendall.pdf>.
11. **Li J**, Mattes E, McMurray A, Hertzman C, Stanley F. Social determinants of child health and wellbeing. *Health Sociology Review* 2009 18(1): 3-11.
12. **Li J**, McMurray A, Stanley F. Modernity's paradox and the structural determinants of child health and wellbeing. *Health Sociology Review* 2008; 17 (1): 64-77.
13. **Li J**, Luo C, de Klerk N. Trends in infant/child mortality and life expectancy in Indigenous populations in Yunnan Province, China. *Australian and New Zealand Journal of Public Health* 2008; 32: 216-223.
14. Kendall, G, **Li J**. Response to "Role of socialization in explaining social inequalities in health" Archana Singh-Manoux and Michael Marmot (*Social Science & Medicine*, 2005; 60: 2129-2133). *Social Science & Medicine* 2005; 61: 2272-2276.

Gender inequality in health

Gender as another dimension of social stratification and its impact on health is a research area that is very close to my heart. I have done research on this topic mainly in developed countries (China and Africa). My interest in this area is influenced my early published work on gender differences in occupational and class mobility on European countries and the US.

1. Paula Wyndow, **Jianghong Li**, and Eugen Mattes. Female empowerment as a core driver of democratization: A dynamic panel model from 1980 to 2005. *World Development*, 2013, 52: 34-54.
2. Barbara Nattabi, **Jianghong Li**, Sandra C Thompson, Christopher G Orach, Jaya Earnest. Between a rock and a hard place: stigma and the desire to have children among people living with HIV in Northern Uganda. *Journal of the International AIDS Society* 2012, 15: 17421. <http://www.jiasociety.org/content/15/2/17421> | <http://dx.doi.org/10.7448/IAS.15.2.17421>.
3. Barbara Nattabi, **Jianghong Li**, Sandra C Thompson, Christopher G Orach and Jaya Earnest. Family planning among people living with HIV in post-conflict Northern Uganda: A mixed methods study. *Conflict and Health* 2011, 5:18.
4. Nattabi B, **Li J**, Thompson SC, Orach CG, Earnest J Factors associated with perceived stigma among people living with HIV/AIDS in post-conflict Northern Uganda. *AIDS Education and Prevention* 23(3), 2011, 193-205.
5. Tian L, **Li J***, Zhang K, Guest P. Women's status, institutional barriers and reproductive health care: A case study in Yunnan, China *Health Policy* 2007, 84:284-297.
6. **Li J**, Luo, C, Deng, R, Jacoby, P, de Klerk, N. Maternal mortality in Yunnan, China: recent trends and associated factors, *British Journal of Obstetrics and Gynaecology* 2007, 114:865-874.
7. **Li J**. Women's status in a rural Chinese setting. *Rural Sociology* 2005; 70(2): 229-252.
8. **Li J**. Gender inequality, family planning and maternal and child health in a rural Chinese county. *Social Science & Medicine* 2004; 59:695-708.
9. **Li J**, and Lavelly W. Village context, women's status and son preference among rural Chinese women. *Rural Sociology* 2003; 68(1):87-108.
10. Lavelly W, Li Jianke, **Li J**. Sex preference for children in a Meifu Li community in Hainan China. *Population Studies* 2001; 55:319-329.
11. **Li J**, Singelmann J. Gender differences in class mobility: A comparative study of the United States, Sweden, and West Germany. *Acta Sociologica* 1998; 41:315-333.

12. **Li J**, Buchmann M, König M, Sacchi S. Patterns of mobility for women in female-dominated occupations: An event-history analysis of two birth cohorts of Swiss women. *European Sociological Review* 1998; 14(1): 49-67.
13. Lavelly W, Luo C, Lu Z, Zhang Z, **Li J**, Mason W. An empirical study of rural women's status. *Population Journal* (in Chinese) 1995; 3:17-25.

Migration and ethnicity

Being a migrant and a member of ethnic minority can also place families and children in a disadvantage position due to linguistic, cultural and religious backgrounds and lack of knowledge of health and social services in the hosting countries. Racism and discrimination adds another layer of disadvantage.

1. **Jianghong Li** and Jaya Dantas. Australiens zwei Gesichter: Eigennütziges Einwanderungspraxis und unmenschliche Asylpolitik. WZB Mitteilung, 151 March 2016. Australia's two faces: utilitarian immigration practice and inhumane refugee policy.
2. **Jianghong Li**, Lu Zhaohe und Luo Chun. Das Mosaik von Yunnan: Warum in Chinas ethnische heterogenster Provinz Frieden herrscht. WZB Mitteilung Issue 146 December 2014
3. von Katterfeld B, **Li J**, McNamara B, Langridge AT. Perinatal complications and cesarean section in foreign-born and Australian-born women in Western Australia, 1998-2006. *International Journal of Gynecology and Obstetrics*. 2012, 116: 153-157.
4. von Katterfeld B, **Li J**, McNamara B, Langridge AT. Maternal and neonatal outcomes associated with gestational diabetes in women from culturally and linguistically diverse (CALD) backgrounds in Western Australia. *Diabetic Medicine* 2012, 29, 372–377.
5. von Katterfeld B, **Li J**, McNamara B, Langridge AT. Obstetric profiles of foreign-born women in Western Australia using data linkage, 1998-2006. *Aust NZ J Obstet Gynaecol* 2011; 51: 225-232.
6. **Deng R**, **Li J***, Sringernyuang L, Zhang K. Drug abuse, HIV/AIDS, and stigmatisation in a Chinese indigenous community. *Social Science & Medicine* 2007, 64:1560-1571.
7. **Li J**, D'Angiulli A, Kendall G. Response to "Reply to Li, D'Angiulli, & Kendall: The Early Development Index and children from culturally and linguistically diverse background" by Janus M, Hertzman C, Guhn M, Brinkman S, Goldfeld S. *Early Years*
8. **Li J**, D'Angiulli A, Kendall G. The Early Development Index and children from culturally and linguistically diverse backgrounds. *Early Years* (A review and critique). 2007, 27: 221-235.

Psychosocial and nutritional determinants of child health and development

My research on these issues informs my current and future inquiries about the complex pathways that link parent socioeconomic status to children's development.

Cognitive and educational achievement

1. Anett Nyaradi; **Jianghong Li**; Jonathan K. Foster; Siobhan Hickling, Angela Jacques; Therese O'Sullivan, Wendy H. Oddy: Good-quality diet in the early years may have a positive effect on academic performance. *Acta Paediatrica* 2016, 105: e209–e218. DOI: 10.1111/apa.13324
2. Anett Nyaradi, **Jianghong Li**, Siobhan Hickling, Jonathan K. Foster, Angela Jacques, Gina L. Ambrosini, Wendy H. Oddy: A Western dietary pattern is associated with poor academic performance in Australian adolescents. *Nutrients* 2015, 7, 2961-2982; doi:10.3390/nu7042961: <http://www.mdpi.com/2072-6643/7/4/2961>

3. Anett Nyaradi, Wendy H Oddy, Siobhan Hickling, **Jianghong Li**, Jonathan Foster. The relationship between nutrition in infancy and cognitive performance during adolescence. *Frontiers in Nutrition* (Accepted 21 January 2015).
4. Nyaradi, Anett; Foster, Jonathan; Hickling, Siobhan; **Li, Jianghong**; Ambrosini, Gina; Oddy, Wendy. Prospective associations between dietary patterns and cognitive performance during adolescence" *The Journal of Child Psychology and Psychiatry* 2014 55 (9): 1017-1024.
5. Anett Nyaradi, **Jianghong Li**, Siobhan Hickling, Andrew Whitehouse, Wendy H. Oddy. Diet in the early years of life influences cognitive outcomes at ten years: a prospective cohort study. *Acta Paediatrica* , 2013 105:1165-1173.
6. Anett Nyaradi, **Jianghong Li**, Siobhan Hickling, Jonathan Foster, Wendy H Oddy. The role of nutrition in children's neurocognitive development, from pregnancy through childhood. *Frontiers in Human Neuroscience* (MAR) 2012. <http://dx.doi.org/10.3389/fnhum.2013.00097>
7. **Li, J.**, Robinson, M., Malacova, E., Jacoby, P., Foster, J. & van Eekelen, J.A.M. Maternal life stress events in pregnancy link to children's school achievement at age 10. *Journal of Pediatrics*, 2013 162 (3), 483-489.
8. Oddy, W. H., Robinson, M., Kendall, G. E., **Li, J.**, Zubrick, S.R. & Stanley, F.J. (in press). Breastfeeding and early child development: A prospective cohort study. *Acta Paediatrica*, 2011 100(7), 992-999.
9. Oddy W, **Li J**, Zubrick SR, Whitehouse AJO, Malacova E. Breastfeeding duration and academic achievement at ten years. *Pediatrics* 2011;127:e137-e145.
10. Whitehouse, A.J.O., Robinson, M., **Li J.**, & Oddy, W.H. An effect of breast-feeding duration on language ability to middle childhood. *Paediatric and Perinatal* 2010 25(1), 44-53.
11. Malacova E, **Li J**, Blair E, Mattes E, de Klerk NH, Stanley FJ. Neighbourhood socioeconomic factors and maternal factors at birth as moderators of the association between birth characteristics and school attainment: A population study of children attending government schools in Western Australia. *The Journal of Epidemiology and Community Health* (Impact Factor: 2.956) 2009 63: 842-849 (first published online 18th May 2009).
12. Malacova E, **Li J**, Blair E, Leonard H, de Klerk N, Stanley F. Association of birth outcomes, maternal, school and neighbourhood characteristics with subsequent numeracy achievement. *The American Journal of Epidemiology* 2008;168:21-29.

Child mental health outcomes

1. Jessica E. Tearne, Monique Robinson, Karina L. Allen, **Jianghong Li**, Neil J. McLean. Older maternal age is associated with depression, anxiety and stress symptoms in young adult females. *Journal of Abnormal Psychology* 2016, 125 91): 1-10.
2. Nan Hu, Rebecca Glauert, **Jianghong Li**, Catherine Taylor. Risk factors for repetition of a deliberate self-harm episode within seven days in adolescents and young adults: A population-level record linkage study in Western Australia. *The Australian and New Zealand Journal of Psychiatry* 2016, 1-13, DOI: 10.1177/0004867415621391
3. Jessica E. Tearne, Monique Robinson, Karina L. Allen, **Jianghong Li**, Neil J. McLean.
4. Older maternal age is associated with depression, anxiety and stress symptoms in young adult females. *Journal of Abnormal Psychology* 2016, 125 91): 1-10.
5. Jessica E. Tearne, Monique Robinson, **Jianghong Li**, Peter Jacoby, John Newnham, Neil McLean. Does Late Childbearing increase the Risk for behavioural problems in Children? A longitudinal Cohort Study. *Paediatric and Perinatal Epidemiology* 2015 29:41-49.
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7. Robinson, M., Mattes, E., Oddy, W. H., Pennell, C.E., van Eekelen, J.A.M., McLean, N. J., Jacoby, P., **Li, J.**, de Klerk, N.H., Zubrick, S.R., Stanley, F.J. & Newnham, J.P. (2011). Prenatal stress events and behavioural development from age two to 14 years: The influence of the number, type and timing of stressful life experiences. *Development and Psychopathology*, 23(2), 507-520.
8. Oddy WH, Kendall GE, **Li J**, Jacoby J, Robinson M, de Klerk NH, Silburn SR, Zubrick SR, Landau L, Stanley FJ. The long-term effects of breastfeeding on adolescent mental health: a pregnancy cohort study followed for 14 years. *The Journal of Pediatrics* 2010; 156:568-574.
9. Robinson, M., McLean, N. J., Oddy, W. H., Mattes, E., Bulsara, M., **Li, J.**, Zubrick, S.R., Stanley, F.J. & Newnham, J.P. Smoking cessation in pregnancy and the risk of child behavioural problems: A

- longitudinal prospective cohort study. *Journal of Epidemiology and Community Health* jech.2009.088658. doi:10.1136/jech.2009.088658 (Impact factor: 3.186).
10. Robinson, M., Mattes, E., Oddy, W. H., de Klerk, N. H., **Li, J.**, McLean, N. J., Silburn, S.R., Zubrick, S.R., Stanley, F.J. & Newnham, J.P. Hypertensive diseases of pregnancy and the development of behavioural problems in childhood and adolescence: The Western Australian Pregnancy Cohort Study. *The Journal of Pediatrics* 2009; 154: 218-24.
 11. Robinson M, Oddy W, **Li J**, Kendall G, de Klerk N, Silburn SR, Stanley FJ, Zubrick SR. Pre-and post-natal influences on preschool mental health: A large-scale cohort study. *The Journal of Child Psychology and Psychiatry* 2008; 49(10): 1118-1128.