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## Yong Cai · 蔡泳

### EDUCATION

Ph.D. in Sociology, University of Washington, 2005  
M.S. in Statistics, University of Washington, 2003  
M.L. in Sociology, Peking University, 1996  
B.A. in Sociology, Peking University, 1992

### PROFESSIONAL EXPERIENCE

July 2015 — Associate Professor, Department of Sociology, and Faculty Fellow, Carolina Population Center, University of North Carolina at Chapel Hill

July 2009 — June 2015 Assistant Professor, Department of Sociology, and Faculty Fellow, Carolina Population Center, University of North Carolina at Chapel Hill

Aug 2011 — Dec 2011 Visiting Scholar, School of Social Development and Public Policy, Fudan University, Shanghai, China.

July 2006 — June 2009 Assistant Professor, Department of Sociology, and Assistant Investigator, Institute for Public and International Affairs, University of Utah

Aug. 2005—June 2006 Research Scientist, Department of Family Medicine, University of Washington

### BIBLIOGRAPHY

#### Books and Chapters

Wang Feng, Ke Shen, and **Yong Cai**, “Household Change and Intergenerational Transfers in China: What Lies Ahead?,” in *China’s Changing Family Structure: Dimensions and Implications*, edited by Nicholas Eberstadt, (Washington, DC: AEI Press, Forthcoming).

Guo, Zhigang, Wang Wang, and **Yong Cai**. 2017. *China’s Low Birth Rate and the Development of Population*. Routledge. [Chinese version: *Zhongguo de Dishengyulu he Renkou Kechixu Fazhan* 2014 Beijing: China Social Sciences Press.]

- Yong Cai.** 2014. “China’s Demographic Challenges: Gender Imbalance” in Jacques deLisle and Avery Goldstein “*China's Challenges.*” Philadelphia: University of Pennsylvania Press. P.60-82.
- Yong Cai** and Wang Feng. 2014. “From Collective Synchronization to Individual Liberalization: (Re)emergence of Late Marriage in Shanghai” in Deborah Davis and Sara Freedman “*Sexuality and Marriage in Cosmopolitan China*” Pp 97-117. Stanford University Press.
- Yong Cai.** 2012. “Below Replacement Fertility and Its Socioeconomic Implications” in *Renkouxue* (Demography) edited by Zai Liang, Pp 99-129, Beijing: People’s University Press. In Chinese.
- Yong Cai** and Wang Feng. 2010. “Reproductive Consequences of China’s Great Famine, 1959-1961” in *Demographic Responses to Sudden Economic and Environmental Change* edited by Satomi Kurosu, Tommy Bengtsson, and Cameron Campbell, Pp 133-149. Reitaku University, Tokyo.
- Yong Cai.** 2010. “The Contribution of Socioeconomic Development to Fertility Decline” in *Dishengyu Shuiping Xia de Zhongguo Renkou he Jingji Fazhan* (China’s Population and Economic Development under Low Fertility), edited by Zeng Yi, Gu Baochang, and Guo Zhigang, Pp15-25. Beijing: Peking University Press. In Chinese.
- Yong Cai.** 2009. “Regional Inequality in China: Mortality and Health” in *Create Wealth and Poverty in Post-Socialist China*, edited by Deborah Davis and Wang Feng, Pp 143-155. Stanford University Press.
- Yong Cai** and William Lavelly. 2007. “Child Sex Ratios and Their Regional Variation” in *Transition and Challenge—China’s Population at the Beginning of the 21st Century*, Edited by Zhongwei Zhao and Fei Guo, Pp. 108-123. Oxford University Press.

### **Refereed Papers/Articles**

- Wang, Feng, Ke Shen, and **Yong Cai.** 2019. “Expansion of Public Transfers in China: Who Are the Beneficiaries?” *The Journal of the Economics of Ageing* 100194.
- Yong Cai** and S. Philip Morgan. 2019. “Persistent Low Fertility among the East Asia Descendants in the United States: Perspectives and Implications.” *China Population and Development Studies.* P1-17.
- Wang Feng, **Yong Cai**, Ke Shen, Stuart Gietel-Basten. 2018. Is Demography Just a Numerical Exercise? Numbers, Politics, and Legacies of China’s One-Child Policy. *Demography* 2018(55):693–719.
- Ke Shen, Wang Feng and **Yong Cai.** 2018. A Benevolent State Against an Unjust Society? Inequalities in Public Transfers in China. *Chinese Sociological Review*, 1-26

- Yong Cai.** 2017. “Missing girls or hidden girls? A comment on Shi and Kennedy’s Delayed registration and identifying the ‘Missing Girls’ in China” *China Quarterly*. 231:797-803.
- Ke Shen, Wang Feng and **Yong Cai.** 2016. “Patterns of inequality in public transfers by gender in China.” *The Journal of the Economics of Ageing*. 8:76-84.
- Wang Feng, Baochang Gu, and **Yong Cai.** 2016. “The end of China’s one-child policy” *Studies in family planning*. 47(1):83-86.
- Yingchun Ji, Feinian Chen, **Yong Cai,** Zhenzhen Zheng. 2015. “Do parents matter? Intergenerational ties and fertility preferences in a low-fertility context.” *Chinese Journal of Sociology* December 2015(1):485-514.
- Martin King Whyte, Wang Feng, **Yong Cai.** 2015. “Challenging Myths About China’s One-Child Policy.” *China Journal* 74:144-159.
- Yong Cai** and Yuan Cheng. 2014 “Pension Reform in China: Challenges and Opportunities.” *Journal of Economic Surveys* 28 (4): 636–51.
- Yong Cai,** Wang Feng, Ding Li, Xiwei Wu, Ke Shen. 2014. “China’s Age of Abundance: When Might it Run Out?” *The Journal of the Economics of Ageing*. DOI: 10.1016/j.jeoa.2014.02.001
- Cedric H. Bien, **Yong Cai,** Michael E. Emch, William Parish, and Joseph D. Tucker. 2013. “High Adult Sex Ratios and Risky Sexual Behaviors: A Systematic Review.” *PLoS ONE* 8 (8) (August 13): e71580. doi:10.1371/journal.pone.0071580.
- Yong Cai.** 2013. “China’s New Demographic Reality – Learning from the 2010 Census.” *Population and Development Review* 39(371-396).
- Wang Feng, **Yong Cai,** and Baochang Gu. 2013. “Population, Policy, and Politics: How Will History Judge China’s One-Child Policy?” *Population and Development Review* 38 (Supplement):115–129.
- Yong Cai.** 2012. “China’s Demographic Reality and Future.” *Asian Population Studies* 8(1):1–3.
- Yong Cai.** 2012. “China's Demographic Prospects: A UN Perspective.” *Guoji Jingji Pinglun* (International Economic Review) 97(1):73-81. In Chinese.
- Ke Shen, Wang Feng, **Yong Cai.** 2012. “The Global Population Policy Shift and Lessons for China.” *Guoji Jingji Pinglu* (International Economic Review) 97(1):112-122. In Chinese.
- Laura-Mae Baldwin, Sharon A. Dobie, **Yong Cai,** Barry G. Saver, Pamela K. Green and C.Y. Wang. 2011. Receipt of General Medical Care by Colorectal Cancer Patients: A Longitudinal Study. *The Journal of the American Board of Family Medicine* 24 (1): 57-68.

- Baochang Gu and **Yong Cai**. 2011. "*Fertility Prospects in China*." Expert Paper No. 2011/14, Department of Economic and Social Affairs Population Division, the United Nations.
- Yong Cai**. 2010. "Social Forces behind China's below Replacement Fertility: Government Policy or Socioeconomic Development." *Population and Development Review* 36(3):419-440.
- Zhenzhen Zheng, **Yong Cai**, Wang Feng, and Baochang Gu. 2009. "Below-Replacement Fertility and Childbearing Intention in Jiangsu Province, China." *Asian Population Studies* 5(3):329-347.
- Yong Cai**. 2009. "Does Enrollment Statistics Provide a Gold Standard for Chinese Fertility Estimates?" *Renkou Yanjiu* (Population Research). 33(4)22-33. In Chinese.
- C. Y. Wang, Laura-Mae Baldwin, Barry G. Saver, Sharon A. Dobie, Pamela K. Green, **Yong Cai**, Carrie N. Klabunde. 2009. "The Contribution of Longitudinal Comorbidity Measurements to Survival Analysis." *Medical Care*. 47(7)813-820.
- Yong Cai**. 2008. "An Assessment of China's Fertility Level Using the Variable-*r* Method." *Demography* 45(2):271-281.
- Laura-Mae Baldwin, **Yong Cai**, Eric H. Larson, Sharon A. Dobie, George E. Wright, David C. Goodman, Barbara Matthews, L. Gary Hart. 2008. "Access to Cancer Services for Rural Colorectal Cancer Patients." *The Journal of Rural Health*. 24(4):390-399.
- Low Fertility Research Team. 2008. "A Study of the Child-Bearing Desire with a Low Fertility Rate." *Jiangsu Shehui Kexue* (Jiangsu Social Science). 2008(2):170-177. In Chinese.
- Joshua Fenton, **Yong Cai**, Pamela Green, Laurel Beckett, Peter Franks, and Laura-Mae Baldwin. 2008. "Trends in Colorectal Cancer Testing among Medicare Subpopulations." *American Journal of Preventive Medicine* 35(3):194-202.
- Joshua Fenton, **Yong Cai**, Noel Weiss, Joann Elmore, Roy Pardee, Robert Reid, Laura-Mae Baldwin. 2007. "Delivery of Cancer Screening: How Important is the Preventive Health Exam?" *The Archives of Internal Medicine* 167:580-585.
- Yong Cai** and Wang Feng. 2005. "Famine, Social Disruption and Miscarriage, Evidence from Chinese Survey Data." *Demography*, 42(2):301-322.
- Laura-Mae Baldwin, Sharon Dobie, Kevin Billingsley, **Yong Cai**, George Wright, Jason Dornitz, William Barlow, Joan L. Warren, and Stephen H. Taplin. 2005. "Explaining Black-White Differences in Receipt of Recommended Colorectal Cancer Treatment." *Journal of National Institute of Cancer*, 97(16):1211-1220.
- Edgar Kiser and **Yong Cai**. 2004. "Early Chinese Bureaucratization in Comparative Perspective: Reply to Zhao." *American Sociological Review*, Vol. 69 (August: 608-612).

Edgar Kiser and **Yong Cai**. 2003. "War and Bureaucratization in Qin China: Exploring an Anomalous Case." *American Sociological Review*, Vol. 68 (August: 511-539).

**Yong Cai** and William Lavelly. 2003. "China's Missing Girls: Numerical Estimates and Effects on Population Growth." *China Review*, Vol. 3 (Fall: 13-29).

### **Other Publications**

Wang Feng, Ke Shen and **Yong Cai**. 2019. "Population aging and fiscal challenges in China." N-IUSSP, March 18, 2019. <http://www.niussp.org/article/population-aging-and-fiscal-challenges-in-chinaviellissement-de-la-population-et-defis-fiscaux-en-chine/>

Wang Feng and **Yong Cai**. 2019. "Opinion | China Isn't Having Enough Babies." *The New York Times*, February 27.

**Yong Cai**. 2013. "China Faces Low Fertility Trap" *Zhongguo Gaige/Caixin*, New Year Special Edition, 1(2013)152-154. In Chinese.

**Yong Cai**. 2012. "Counting People in China," *Zhongguo Gaige* 11(2012)71-74. In Chinese.

**Yong Cai**. 2012. "Facing Aging, China Needs Adjust its Population Policy," *Xin Canjing*, 10(2012)16-17. In Chinese.

**Yong Cai**. 2011. "Hollowing out the Middle, Changing Population Regional Distribution in China in the Decade of 2000-2010," *Zhongguo Gaige* 7(2011) 76-78. In Chinese.

**Yong Cai**. 2011. "Allowing More Chinese to Have Two Children," *Caijing Online May 16th*, 2011. In Chinese. <http://www.caijing.com.cn/2011-05-16/110719557.html>

Wang Feng and **Yong Cai**. 2010. "Did China's One-child Policy Prevent 400 Million Births in the Last 30 Years?" *Zhongguo Gaige* 7(2010)85-88. In Chinese.

### **Presentations**

2019. Katherine Tierney and Yong Cai. "Assisted Reproductive Technology Use in the United States: A Demographic Assessment." Presented at the 2019 Annual Meeting, Population Association of America, Austin, April 27.

2018. Yong Cai and Rybinska, Anna. "'Missing Babies' and 'Missing Mothers' in the American Community Survey: Data Problems and Social Differentiations. Presented at the 2018 Annual Meeting, Population Association of America, Denver, April 27.

2017. "Persistent Demographic Difference: The Case of East Asian Family Fertility Difference", Presented at the 2017 Annual Meeting, Population Association of America, Chicago, April 29.

2017. "Historical Parallels in the Making and Scrapping of the One-child Policy", Presented at the 2017 Annual Meeting, Population Association of America, Chicago, April 26.

2016. “From One-child Policy to Two-child Policy” Public Lecture at China Forum, Phoenix TV, July 23, 2016.
2016. “Challenging Human Rights: China's Dismantled One-Child Policy”, Presented at UNC Update Sponsored by Carolina Asia Center and UNC Scholars Cultural Engagement Fund, April 7, 2016.
2016. “China’s Population Trends and Challenges”, presented at Weatherhead East Asian Institute, Columbia University, April 2, 2016.
2016. “The Impact of China’s Population Policies”, presented at Vann Center for Ethics, Davidson College, Jan 28, 2016.
2015. “Fertility Patterns of East Asian Immigrants in the United States”, Presented at the International Conference on Low Fertility and Aging, Korea Institute for Health and Social Affairs, Seoul, Korea, Dec 14-16, 2015
2015. “What’s Behind the Shifting Labor Income Age Profiles in China?” presented at the Annual Meeting of Population Association of America, April 2015.
2015. “Shifting Labor Income Age Profiles and its Implications for an Aging China,” presented at Human Capital and Aging Workshop, Harvard T.H. Chan School of Public Health, April 13-14, 2015.
2014. "Fertility Rationality among Chinese across the World." presented at the Conference on Low Fertility in China, UNFPA and Fudan University, Dec 20, 2014.
2014. “China’s Pension Reform: Will it Work?”, presented at the First China-Sweden Workshop on Population Aging, Lund University, August 8, 2014.
2014. “The GLF Famine in Skinnerian Regional Space”, presented at the Historical Demography Workshop, Fudan University, Shanghai, July 9, 2014.
2014. “Changes in China’s Ethnic Population Distribution”, presented at Carolina Asia Center, University of North Carolina, Chapel Hill, March 24.
2014. “China's New Demographic Reality”, presented at Center for Chinese Studies, University of California, Los Angeles, March 11, 2014.
2014. “Changes in China’s Ethnic Population Distribution: Policy, Interethnic Marriage and Migration”, presented at Center for Studies in Demography and Ecology, University of Washington, January 31, 2014.
2013. “China's One-child Policy and its Long Term Implications”, presented at the First International Conference on Political Demography and Macro-social Dynamics, Russian Presidential Academy of National Economy and Public Administration, Moscow, December 14, 2013.
2013. “Demographic Revolution and Welfare Policy”, presented at the “Taiwan Inclusive: Trends, Opportunities, and Challenges” workshop at University of Virginia, November 15-16, 2013.

2013. “China’s Demographic Challenges and Their Implications for Sino-U.S. Relations”, presented at China Town Hall: Local Connections, National Reflections, by the National Committee on United States-China Relations, University of North Carolina, Chapel Hill, October 28, 2013.
2013. “The Making of China’s Implosive Population Bomb”, presented at the European Chamber Quarterly Macroeconomic Seminar, Shanghai, June 25, 2013.
2013. “Economic Boom, Population Aging, and Policy Shift: What’s Ahead for China?”, presented at the Ninth Meeting of the Working Group on Macroeconomic Aspects of Intergenerational Transfers, Barcelona, June 3-8, 2013.
2013. “China’s Demographic Challenges: Gender Imbalance”, presented at the workshop on China’s Challenges, the Center for the Study of Contemporary China, University of Pennsylvania, April 26, 2013.
2013. “China’s New Demographic Reality and Its Implications”, presented at Emerging Scholar Lecture, Southeast Conference Association for Asian Studies, Wilmington, January 19, 2013.
2012. “A Data Quality Evaluation of the 2010 Census”, presented at the Institute of Population and Labor Economy, the Chinese Academy of Social Sciences, Beijing, December 5, 2012.
2012. “Scientific Spirit and Humanistic Mind -- Reflection on Population Policy Research”, presented at Fudan University, Shanghai, October 26, 2012.
2012. “From Collective Synchronization to Individual Liberalization: (Re)emergence of Late Marriage in New Shanghai”, presented at Population Association of America, 2012 Annual Meeting, San Francisco, April 30.
2011. “Higher Education Expansion, Population Aging and their Impacts on China’s Social Inequality”, presented at the International Conference on Social Inequality and Mobility in Chinese Societies, Hong Kong, December 17.
2011. “(Re)emergence of Late Marriage in China”, presented at Population Studies Center, University of Pennsylvania, October 3.
2011. “Hollowing up the Middle, a New Trend in China’s Population Geographic Distribution”, presented at East Normal University of China, Shanghai, September 28.
2011. “China’s Below Replacement Fertility in a Comparative Perspective”, presented at the School of Social Sciences, Singapore Management University, Singapore, September 2.
2011. “China’s Low Fertility in a Global Context”, presented at the Expert Panel for UNFPA Positioning on “China’s 2010 Census: Social, Economic and Political Ramifications”, New York City, May 31.

2011. “The One Child Policy and Chinese Society”, presented at “China: Then and Now” the Center for International Understanding, University of North Caroline, May 6.
2011. “The Real Inconvenient Truth about China’s One-child Policy”, presented at the Duke-UNC China Leadership Summit, February 27.
2010. “Using Simulation and Projection to Evaluate and Reformulate China’s Population Policy”, presented at the Workshop on Population and Social Policy Simulation, Zhejiang University, Hangzhou, China, June 24.
2010. “Excess Mortality during the China’s Great Leap Forward Famine, a Revisit”, presented at the International Workshop on Famines of the Twentieth Century: Great Leap Famines and Famines of the Second World War, University of Melbourne, Australia, June 8-12.
2010. “Low Fertility and Birth Planning Policy Reform in China”, presented at Carolina Asia Center China Forum, University of North Carolina, Chapel Hill, April 23.
2010. “Institutional Perspectives on the Transformation of China's Birth Planning Policy”, presented at *New England China Seminars*, Harvard University, April 19.
2010. “Fertility Intention and Fertility Behavior: Why Stop at One? The Socioeconomic Factors behind China’s Below Replacement Fertility”, presented at the 2010 Annual Meeting of the Population Association of America, Dallas, April 14-17.
2010. “Social Forces behind China's below Replacement Fertility: Government Policy, Socioeconomic Development and Globalization”, presented at Duke University Population Research Institute, March 25.
2010. “China’s One-child Policy and Chinese Society”, presented at the World View Seminar, *East Asia in the 21st Century*, University of North Carolina, March 24.
2009. “Reproductive Consequences of China’s Great Famine, 1959-1961”, presented at IUSSP Seminar: Demographic Responses to Sudden Economic and Environmental Change. Tokyo, May 2009.
2008. “Is China’s Economic Growth Driving Down its Fertility?”, presented at the conference on Population and Development in China under Low Fertility, Beijing, December 2008.
2008. “Gender Inequalities in Infant Mortality in China”, presented at the U.S. and China: Parallel Challenges in Health Care, Salt Lake City, December 2008.
2008. “Expanding Production, Shrinking Reproduction: Does Globalization Have Anything To Do with Below Replacement Fertility in China?”, presented at the International Conference on Low Fertility and Reproductive Health in East and Southeast Asia, Tokyo, November 2008.
2008. “Socioeconomic Development, Globalization and Below Replacement Fertility in China”, presented at *Shanghai Forum*, Shanghai, May 2008.



2008. “Sex-Biased Infant Survival in China”, presented at Institute for Health Metric and Evaluation, Seattle, May 2008.
2008. “China’s Birth Planning Policy at a Historical Turning Point”, presented at Confucius Institute, University of Utah, Salt Lake City, February 2008.
2007. “Globalization, Policy Intervention, and Reproduction: Below Replacement Fertility in China”, presented at the 2007 Annual Meeting of the Population Association of America, New York City, April 2007.
2006. “Regional Variation of Life Expectancy and Socioeconomic Inequality in China”, presented at the workshop “Creating Wealth and Poverty in Contemporary China” at Yale University, January 6-8, 2006.
2005. “Assessing Fertility Level in China Using Variable- $r$  Method”, presented at the 2005 Annual Meeting of the Population Association of America, Philadelphia.
2004. “Estimates of the Human Development Index for Provincial- and County-level Units of China”, presented at the Beijing Forum Panel Session on Sociology, Beijing, August 24, 2004.
2004. “Spatial Variation of Juvenile Sex Ratios in the 2000 Census of China”, presented at the 2004 Annual Meeting of the Population Association of America, Boston.

## GRANTS AND FELLOWSHIPS

- National Science Foundation of China (71461137003, Co-investigator). *Immigration and the transformation of Chinese society*. 2014/9-2017/08
- The Jimmy and Judy Cox Asia Initiative Summer Travel Awards. Carolina Asia Center, University of North Carolina. 2015.
- National Science Foundation of China (71273059/G030602, Co-investigator). *Demographic Change and its Impact on China’s Public Expenditure*. 2013/1-2016/12.
- University Research Council Publication Grant, University of North Carolina. 2012.
- National Natural Science Foundation of China (71141015/G0312, Co-investigator). *International Population Policy Review and its Implication for China*. 2011/7-2012/4.
- Grier/Woods Presbyterian China Initiative Fellowship in China Studies, Carolina Asia Center, University of North Carolina. 2011/12.
- National Social Science Foundation of China (08ARK001, Co-investigator) *Population and Sustainable Development*, 4/1/2009-12/31/2011.
- Ministry of Education of China (2009JJD840019, Co-investigator) *Fertility: Intention, Behavior and Level*. 12/26/2009-12/31/2012.
- MacArthur Foundation (08-91442-000-GSS, Co-investigator) *Below Replacement Fertility in China and its Social and Economic Implications*, 9/1/2008-8/31/2012.
- Marc Lindenberg International Mobility Travel Grant, 2004.
- Mellon Foundation Travel Grant, Center for Studies in Demography and Ecology, University of Washington, 1999.

Li Foundation Fellowship, 9/1/1996-8/31/1998.

## PROFESSIONAL SERVICES

Book review editor, *Social Forces*

Elected council member (2009-2011), Section on Asia and Asian America, American Sociological Association

Editorial board member: *Demography* (2011-2013), *Social Forces*

Ad hoc journal reviewer: *American Sociological Review*, *Asian Population Studies*, *Canadian Studies in Population*, *Demography*, *Demographic Research*, *Journal of Asian Studies*, *Journal of Population Research*, *International Migration Review*, *Population and Development Review*, *Population Research and Policy Review*, *Population Studies*, *Social Forces*, *Studies in Family Planning*, *Theory and Society*, *Urban Studies*