

## LI GAN

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### CURRENT POSITION

Clifford A. Taylor, Jr. Professor in Liberal Arts, Texas A&M University, College Station

### OTHER POSITIONS

Director, Survey and Research Center for China Household Finance, Southwestern  
University of Finance and Economics, China  
Director of the Masters Program, Department of Economics, Texas A&M University  
Research Fellow, Private Enterprise Research Center (PERC), Texas A&M  
University  
Research Associate, National Bureau of Economic Research (NBER)

### PREVIOUS POSITIONS

2005 – 2015: Professor of Economics, Texas A&M University, College Station  
2005 – 2011: Associate Professor of Economics, Texas A&M University, College Station  
1998 – 2005: Assistant Professor of Economics, University of Texas, Austin.  
2004 – 2013: Faculty Research Fellow, National Bureau of Economic Research (NBER)

### EDUCATION

DEGREE	DATE	FIELD
Ph.D.	1998	Economics, University of California, Berkeley
M.A.	1998	Statistics, University of California, Berkeley
Course Work	1993	Economics, University of California, Irvine
B.E.	1987	Management Information Systems, Tsinghua University, Beijing

### TEACHING

Probability and Statistics (PhD course)  
Econometrics (I and II, PhD courses)  
Applied Microeconometrics (PhD course)  
Public Economics (PhD course)  
Capstone (Masters course)  
Intermediate Macroeconomics (Undergraduate course)  
Principles of Macroeconomics (Undergraduate course)

### SELECTED JOURNAL PUBLICATIONS (in English)

- Ma, Shuang, Xi Wu and Li Gan: “[Credit accessibility, institutional deficiency and entrepreneurship in China.](#)” Forthcoming, *China Economic Review*
- Gan, Li, Pengfei Wang, and Qinghua Zhang: “[The Market Thickness and the Impact of Unemployment on Housing Market Outcomes.](#)” NBER Working Paper #19564. Volume 98, Oct 2018. Pages 27-49. *Journal of Monetary Economics*.
- Ju, Gaosheng, Li Gan, and Qi Li, “[Nonparametric panel estimation of structural labor supply in the presence of nonlinear budgets and nonseparable endogenous unobserved heterogeneity.](#)” Forthcoming, *Journal of Business and Economics Statistics*.  
<http://amstat.tandfonline.com/doi/pdf/10.1080/07350015.2017.1321546?needAccess=true>
- Gan, Li, Manuel A. Hernandez, and Yanyan Liu, “Group Lending with Heterogeneous Types.” NBER Working Paper #18847. Volume 56 (2018), Issue 2, Pages 895-913, *Economic Inquiry*.
- Gan, Li, Manuel Hernandez, and Shuang Ma. “[The higher cost of doing business in China: Minimum wages and firms’ export behavior.](#)” *Journal of International Economics* 100 (2016) 81-94
- Gan, Li, and Qi Li. “[Efficiency of Thin and Thick Markets.](#)” *Journal of Econometrics* 192 (2016) 40-54
- Huang, Feng, and Li Gan. “[Impact of China’s Urban Employees Basic Medical Insurance on Health Care Expenditure and Health Outcomes.](#)” *Health Economics* 2015
- Deng, Guoying, Li Gan, and Manuel A. Hernandez. “[Do natural disasters cause an excessive fear of heights? Evidence from the Wenchuan earthquake.](#)” *Journal of Urban Economics*, Vol 90, Nov 2015, pages 79-89
- Gan, Li, Gaoshen Ju, and Xi Zhu. “Estimation of Labor Supply and Exact Welfare Change under Flexible Preferences and Generalized Piecewise-Linear Budgets.” *Journal of Econometrics*, 188(2015): 526-544

- Zhang, Shuoxun, Li Gan, and Tarun Sabarwal, "[Strategic and Non-Strategic: The Role of Financial Benefit in Bankruptcy.](#)" *Economic Inquiry*, Volume 53, issue 2, April 2015: pp1004-1008.
- Gan, Li, Feng Huang, and Adalbert Mayer. "[A Simple Test of Private Information in the Insurance Markets with Heterogeneous Insurance Demand.](#)" *Economics Letters*, Volume 136: Nov 2015, Pages 197-200
- Dong, Yan, Li Gan, and Yingning Wang. "[Residential mobility, neighborhood effects, and education attainment of blacks and whites.](#)" *Econometric Review*, Vol 34, Issues 6-10, 2015.
- Gan, Li, Guan Gong, Michael Hurd, and Daniel McFadden. "[Subjective Survival Curves and Bequests.](#)" *Journal of Econometrics*, Volume 188, Issue 2, Oct 2015, pages 514-525
- Fullerton, Don, Li Gan, and Miwa Hattori. "[A Model to Evaluate Vehicle Emission Incentive Policies in Japan.](#)" *Environmental Economics and Policy Studies*, Volume 17, Issue 1, January 2015: pp 79-108.
- Zhang, Jing, Li Gan, Colin Lixin Xu, and Yang Yao. "[Health Shocks, Village Elections, and Long- Term Income: Evidence from Rural China.](#)" *China Economic Review*, Vol 30, Sep 2014, pages 155-168.
- Gan, Li, Cheng Hsiao, and Shu Xu. "Model Specification Test with Correlated but Not- Cointegrated Non-Stationary Variables." *Journal of Econometrics*, January, 2014: 80-85.
- Gan, Li and Manuel A. Hernandez, "Making friends with your neighbors? Agglomeration and tacit collusion in the lodging industry." *Review of Economics and Statistics*, July 2013, 95(3): 1002-1017.
- Feng, Ye, Don Fullerton, and Li Gan. "Vehicle Choices, Miles Driven, and Pollution Policies." *Journal of Regulatory Economics*, May 2013. Vol 44: 4-29.
- Gan, Li, and Wen-Yao Wang. "Partial Deposit Insurance and Moral Hazard in Banking System." *International Journal of Commerce and Management*, Vol. 23, Iss: 1, pp 8-23
- Gan, Li, Colin Lixin Xu, and Yang Yao. "Consumption Insurance and Local Elections: Evidence from Chinese Villages." *Economics of Transition*, Volume 20, Issue 3, pages 521-547. July 2012.
- Gan, Li, Jaeun Shin, and Qi Li. "Initial Wage, Human Capital, and Post-wage Differentials." *Hitotsubashi Journal of Economics*, Vol 51, Dec 2010, pages 23-42.
- Jia, Nan, and Li Gan. "Heterogeneous Production Functions and Regional Disparity."

*China Economic Review*, Vol 21, September 2010, pages S12-S19.

Gan, Li, Zhichao Yin, and Wenbin Zang. "The Impact of Housing Reform on Durables Consumption in China." *China Economic Review*, Vol 21, September 2010, pages S55-S64.

Gan, Li, Robertson Williams III, and Thomas Wiseman. "A Simple Model of Optimal Hate Crime Legislation." *Economic Inquiry*, August, 2010. *Best Paper of the Year* (published in *Economic Inquiry*)

Ai, Chunrong, and Li Gan. "An Alternative Root-N Consistent Estimator for Panel Data Binary Choice Models." *Journal of Econometrics*, Volume 157, Issue 1, July 2010: 93-100.

Gan, Li, Dong Li, and Shunfeng Song. "Is the Zipf's Law Spurious in Explaining City-Size Distribution?" *Economics Letters* 92 (2006): 256-262

Gan, Li and Qinghua Zhang. "The Thick Market Effect of Local Unemployment Rate Fluctuations." *Journal of Econometrics* 133(2006): 127-152.

Fullerton, Don, and Li Gan. "Cost Effective Policies to Reduce Vehicle Emissions." *American Economic Review*, May, 2005: 300-304

Chung, Jeff, and Li Gan. "Empirical Estimates of Effect of Price Limits on Limit-Hitting Days." *Econometrics Journal* 8, (2005): 79-96.

Fullerton, Don and Li Gan. "A Simulation-Based Welfare Loss Calculation for Labor Taxes with Piecewise-Linear Budgets." *Journal of Public Economics* 88, (2004): 2339-59.

Gan, Li, and Victoria Vernon. "Testing the Barten Model of Economies of Scale in Household Consumption: Toward Resolving a Paradox of Deaton and Paxson." *Journal of Political Economy* 111(6), (2003): 1361-77.

Chand, Harish, and Li Gan. "The Effect of Bracketing in Wealth Estimation." *Review of Income and Wealth* 49(2), (June 2003): 273-87.

Gan, Li. "The Uncertain Fair-Wage Effort Hypothesis and Wage Secrecy." *Topics in Economic Analysis and Policy* 2(1), (2002): 1-15.

Gan, Li, and Jiming Jiang. "A Test for Global Maximum." *Journal of American Statistical Association (JASA)* 94(447), (September 1999): 847-54.

Skaperdas, Stergios, and Li Gan. "Risk Aversion in Contests." *The Economic Journal*. 105(431), (July 1995): 951-62.

## BOOKS

Gan, Li, Zhichao Yin, Nan Jia, Shu Xu, Shuang Ma, and Lu Zheng (2013): “Data you need to know about China: Research Report of China Household Finance Survey.” Springer.

<http://www.springer.com/economics/financial+economics/book/978-3-642-38150-8>

Gan, Li, and Yun Li (2014): “Research Report of China Rural Finance 2014.” Southwestern University of Finance and Economics Press (In Chinese).

## BOOK CHAPTERS ON ECONOMICS OF AGING

Gan, Li, Guan Gong, and Michael Hurd. “Net Intergenerational Transfers from an Increase in Social Security Benefits.” In Dimitri Papadimitriou, ed., *Government Spending on the Elderly*, Palgrave Publishing, 2007: 178-188.

Gan, Li, Michael Hurd, and Daniel McFadden. “Individual Subjective Survival Curves.” In David Wise, ed., *Analyses in Economics of Aging*. The University of Chicago Press, 2005: 377-411.

Hurd, Michael, Daniel McFadden, Harish Chand, Li Gan, Angela Merrill, and Michael Roberts. “Consumption and Saving Balances of the Elderly: Experimental Evidence on Survey Response Bias.” In David Wise, ed., *Topics in the Economics of Aging*. The University of Chicago Press, 1998: 353-87.

Hurd, Michael, Daniel McFadden, and Li Gan. “Subjective Survival Curves and Life Cycle Saving Behavior.” In David Wise, ed., *Inquiries in the Economics of Aging*. The University of Chicago Press, 1998: 259-305.

## SELECTED JOURNAL PUBLICATIONS (in Chinese)

Li, Renyu, Xirong Chen, and Li Gan (2017): “Trend and decomposition of intergenerational mobility: growth, order, and discrete effects” *Economic Research Journal* (经济研究), Oct, 2017

Yin, Zhichao, Yu Wu, and Li Gan (2015): “Financial Knowledge and Credit Accessibility.” *Economic Research Journal* (经济研究), March, 2015

Ma, Shuang, Xianrui Meng, and Li Gan (2014): “Effect of Social Security Payment on Wage and Employment.” *China Economic Quarterly* (经济学季刊), July 2014.

Ma, Shuang, and Li Gan (2014): “On the Job Training and Minimum Wage.” *China Economic Quarterly* (经济学季刊), Volume 1, 2014: pp1-26.

- Jia, Nan, Li Gan, and Jie Zhang (2013): "Wage Rate, Mommy Trap, and Unobserved Types." *Economic Research Journal* (经济研究), No. 5, May 2013.
- Gan, Li, Zhichao Yin, Nan Jia, Shu Xu, and Shuang Ma. "Household Assets and Household Demand for Housing in China (2013)." *Journal of Financial Research* (金融研究), No 4, 2013.
- Huang, Feng, and Li Gan (2012): "Moral Hazard in Medical Insurance." *Journal of Financial Research* (金融研究), No 5, 2012: 193-206.
- Jia, Nan, Liangliang Zhang, and Li Gan (2011): "A Test for Habit Consumption in Rural Households." *China Economic Quarterly* (经济学季刊), Vol 11, No 1.
- Ma, Shuang, Shu Xu and Li Gan (2011): "Reducing Income Inequality: the Effect of Minimum Wage." *China Social Science Journal* (中国社会科学报), Nov 17, 2011.
- Xu, Shu, Han Li, and Li Gan (2011): "Market Competition and China's Airline Pricing" *China Economic Quarterly* (经济学季刊), Vol 10, No 2.
- Yin, Zhichao, and Li Gan (2011): "Information Asymmetry, Firm Heterogeneity, and Credit Risk." *Economic Research Journal* (经济研究), September, 2011.
- Gan, Li, Guoen Liu, and Shuang Ma (2010): "The Effect of Basic Health Insurance on Consumption." *Economic Research Journal* (经济研究), Special Issue on Consumption Finance, 2010. pp 30-38.
- Jia, Nan, and Li Gan (2010): "A Survey of the Forum of Chinese Health Care Reform". *Economic Research Journal* (经济研究), November 2010: pp 152-156.
- Yin, Zhichao and Li Gan (2010): "Smoking, Drinking and Wages." *Economic Research Journal* (经济研究), October 2010: pp 90-100.
- Li, Feng, Li Gan, and Xiaoling Yang (2010): "Timing of Submitting Applications for the National College Exam" *Education Research* (教育研究) October, 2010: pp53-60
- Ma, Shuang, Wenbin Zang and Li Gan (2010): "The Effect of New Rural Cooperative Health Insurance to Food Consumption." *China Economic Quarterly* (经济学季刊), October, 2010: pp30-39.
- Huang, Feng, and Li Gan (2010): "Over Demand or Efficient Demand? An Empirical Study of Health and Health Insurance for Urban Elderly." *Economic Research Journal* (经济研究), June 2010: pp105-119.
- Deng, Guoying, Li Gan and Yaoguo Wu (2010): "Overreaction in Housing Market." *Management World* (管理世界), June, 2010

- Ma, Shuang, Li Gan, and Xianghua Gao (2009): "Income Shock and Nutrition Intakes." *Management World* (管理世界), May, 2009, PP 44-57
- Yin, Zhichao, and Li Gan (2009): "An Empirical Study on the Difference between Public Sector and Private Sector." *Economic Research Journal* (经济研究), April 2009, PP129-140
- Shan, Liwei, Li Gan, and Tao Zhen (2008): "Corporate Donation and Economic Incentives after the Wenchuan Earthquake." *Economic Research Journal* (经济研究) November, 2008

## **SELECTED WORKING PAPERS**

- Cull, Robert, Li Gan, Nan Gao, and Lixin Colin Xu, "Dual credit markets and household access to finance." *World Bank Policy Research Working Paper*, #7454.
- Gan, Li, Gaosheng Ju, and Siyi Zhu. "The Decline of Interstate Family Migration in the United States."
- Courtney Collins and Li Gan. "Does Sorting Students Improve Scores? An Analysis of Class Composition." NBER Working Paper #18848.
- Wu, Xi, and Li Gan. "Multiple Dimensions of Private Information in Life Insurance Markets." NBER Working Paper #19629
- Gan, Li and Guan Gong. "Interdependence between Health and Education in a Dynamic Model." NBER Working Paper #12830.
- Collins, Courtney and Li Gan. "Switching to Better Schools: A Model of Class Size and Mover Endogeneity." Working paper.
- Gan, Li, and Noelia Paez. "The Effects of Female Labor Market Participation on Fertility Spacing." Working paper.
- Gan, Li and Roberto Mosquera. "An Empirical Study of the Credit Market with Unobserved Consumer Types." NBER Working Paper Series #13873.
- Escobari, Diego, and Li Gan. "Price Dispersion under Costly Capacity and Demand Uncertainty." NBER Working Paper #13075.
- Gan, Li, and Guan Gong. "Mortality Risk and Educational Attainment of Black and White Men." NBER Working Paper #10381.

## **GRANTS AND RESEARCH CONTRACTS**

- Dean's Fellowship, University of Texas. Spring 2000

- Faculty Research Grant, University of Texas. 2000-2001
- Research Contract: Second-Best Control of Vehicle Emissions in U.S. and Japan. Economic and Social Research Institute of Japan, 2002-2004  
Role: Co-PI
- Research Contract: The Impact of Health Shocks on Household Welfare and the Effectiveness of Public Intervention in Rural China. World Bank Research Committee, 2003 -2005.  
Role: Co-PI
- P01 AG005842-150012 Improving Data Measurement in Surveys of the Elderly National Institute of Aging/National Bureau of Economic Research, 2000-2001  
Role: PI for the subcontract
- R01 AG12921 Using Subjective Information to Explain Saving Decisions National Institute of Aging/National Bureau of Economic Research, 1996 -2003  
Role: PI for the subcontract
- R03 HD046892 Endogenous Mortality Risk and Educational Attainment of Black and White Men. The National Institute of Child Health and Human Development, January 2005-January 2007  
Role: PI



- PI, China Household Finance Survey, 2010 --
  - National Social Science Foundation of China
  - The Ministry of Education National 211 and 985 Projects at Southwestern University of Finance and Economics

## **REFEREE**

American Economic Review, B.E. Journals in Economic Analysis and Policy, China Economic Review, Demography, Econometric Journal, Econometric Review, Econometric Theory, Economic Inquiry, Economics of Transition, Environmental and Planning A, European Economic Review, Health Economics, IEEE Transaction on Information Theory, Industrial and Labor Relations Review, International Review Journal of Business and Economic Statistics, Journal of Computational and Graphical Statistics, Journal of Econometrics, Journal of Economic Behavior and Organization, Journal of Environmental Economics and Management, Journal of Financial Econometrics, Journal of Human Resources, Journal of Law and Economics, Journal of Law and Economic Organization, Journal of Legal Studies, Journal of Political Economy, Journal of Population Economics, Journal of Productivity Analysis, Journal of Public Economics, Journal of Systems Science and Systems Engineering, National Science Foundation, Rand Journal of Economics, Review of Economics and Statistics, Review of Income and Wealth, Southern Economic Journal, Statistics in Medicine, Theoretical Population Biology, Urban Studies.

## **SPECIAL HONORS**

- Rapoport-King Award, College of Liberal Arts, University of Texas, 2001
- Graduate Advisor of the Year, Department of Economics, Texas A&M University, 2007
- Best Article Award, *Economic Inquiry*, 2011
- Sun Yefang Best Article in Financial Innovation, 2016