

## JINHU LI

### Contact

Department of Economics  
Deakin Business School  
Faculty of Business and Law  
Deakin University  
221 Burwood Highway, Burwood  
VIC 3125, Australia

Email: [j.li@deakin.edu.au](mailto:j.li@deakin.edu.au)  
Phone: +61 3 924 45145  
Web: <http://www.jinhu-li.com/>

### Nationality and Residency

Chinese, Australian Permanent Resident

### Academic Qualifications

- 2005-2011 Ph.D. Economics, McMaster University, Canada  
Thesis: The Economics of Health Human Capital and Health Care  
Committee: Jeremiah Hurley (Chair), Paul Contoyannis, Jeffrey Racine
- 2003-2005 M.A. Economics, University of Victoria, Canada  
Advisor: David Giles
- 1999-2003 B.A. Economics, Huazhong University of Science and Technology, China

### Current Positions and Affiliations

- 2018- Senior Lecturer, Department of Economics, Deakin Business School, Faculty of Business and Law, Deakin University
- 2014- Research Fellow, Life Course Centre

### Previous Positions

- 2016-2018 Senior Research Fellow (Level C), Melbourne Institute of Applied Economic and Social Research, University of Melbourne
- 2011-2015 Research Fellow (Level B), Melbourne Institute of Applied Economic and Social Research, University of Melbourne
- 2007-2011 Research Assistant, Center for Health Economics and Policy Analysis, McMaster University, Canada
- 2009-2010 Teaching Assistant, Department of Economics, McMaster University, Canada
- 2005-2007 Research Assistant, Department of Economics, McMaster University, Canada
- 2005 Statistical Analyst, BC Assessment, Victoria, Canada
- 2003-2004 Teaching Assistant, Department of Economics, University of Victoria, Canada

## Research Fields of Interest

Health Economics, Economics of Education, Development Economics, Applied Micro-econometrics

## Journal Publications

**Li, J.**, Menon, N. (2021) “Echo Effects of Early-Life Health Shocks: The Intergenerational Consequences of Prenatal Malnutrition during the Great Leap Forward Famine in China.” *Journal of Development Studies*, Forthcoming.

Scott, A., **Li, J.**, Gravelle, H., and McGrail, M. (2021) “Physician competition and low value health care.” *American Journal of Health Economics*, Forthcoming.

Szawłowski S, Choong PFM, **Li J**, et al (2019) “How do surgeons’ trade-off between patient outcomes and risk of complications in total knee arthroplasty? A discrete choice experiment in Australia.” *BMJ Open*, 2019; 9:e029406.

Dalziel, K., **Li, J.**, Scott, A. and Clarke, P. (2018) “Accuracy of patient recall for self-reported doctor visits: is shorter recall better?” *Health Economics*, 27(11), 1684-1698.

Broadway, B., Kalb, G., **Li, J.** and Scott, A. (2017) “Do financial incentives influence GPs’ decisions to work after hours? A discrete choice labour supply model.” *Health Economics*, Volume 26, Issue 12, Pages e52-e66.

Contoyannis, P. and **Li, J.** (2017) “The Dynamics of Adolescent Depression: an Instrumental Variable Quantile Regression with Fixed Effects Approach.” *Journal of the Royal Statistical Society: Series A (Statistics in Society)*, 180(3), 907-922.

Dowsey, M. M., Scott, A., Nelson, E. A., **Li, J.**, Sundararajan, V., Nikpour, M., & Choong, P. F. (2016) “Using discrete choice experiments as a decision aid in total knee arthroplasty: study protocol for a randomised controlled trial.” *Trials*, 17(1), 1.

**Li, J.**, and Powdthavee, N., (2015) “Does More Education Lead to Better Health Habits? Evidence from the School Reforms in Australia,” *Social Science and Medicine*, Volume 127, February 2015, Pages 83–91.

**Li, J.**, Scott, A., McGrail, M., Humphreys, J. and Witt, J., (2014) “Retaining rural doctors: Doctors’ preferences for rural medical workforce incentives.” *Social Science and Medicine*, Volume 121, November 2014, Pages 56-64.

**Li, J.**, Hurley, J., DeCicca, P. and Buckley, G. (2014) “Physician Response to Pay-for-Performance: Evidence from a Natural Experiment,” *Health Economics*, Volume 23, Issue 8, Pages 962-978.

Contoyannis, P. and **Li, J.** (2011) “The evolution of health outcomes from childhood to adolescence,” *Journal of Health Economics*, Volume 30, Issue 1, Pages 11-32.

**Li, J.** and J.S. Racine (2008), “Maxima: An Open Source Computer Algebra System,” *Journal of Applied Econometrics*, Volume 23, Issue 4, Pages 515-523.

### **Book Chapters**

Hurley, J. and **J. Li** (2014), “Financing incentives and pay-for-performance.” In Marchildon, G.P., & Di Matteo, L. (Eds), *Bending the Cost Curve in Health Care: Canada’s Provinces in International Perspective*, Toronto: University of Toronto Press.

### **Work in Progress**

“Does an increased supply of doctors improve population health?” (with A. Scott, H. Gravelle and L. Russo). *Under Review*

“Are surgeon and patient preferences misaligned? Evidence from a Discrete Choice Experiment” (with S. Szawlowski, M. Dowsey, A. Scott *et al*)

“Parental Education and Offspring Cognitive and Non-cognitive Skills.” (with Sarah Dahmann)

“The causal effect of relative age in school class on mental health among children: evidence from Australia.” (with Weiben Zhang and Kim Dalziel)

“The role of parental education in the development of child health outcomes.” (with Chris Ryan)

“The causal effect of education on mental health: what can the Australian twins data tell us?” (with Trang My Tran)

### **Research Grants**

“Understanding the effects of parental education on child health outcomes.” Australian Research Council Discovery Early Career Researcher Award (DECRA). 2017-2021. (\$353,000)

“A pilot study to test the feasibility of using a Children of Twins study to examine intergenerational transmission of mental health problems in Australia.” 2016 FBE/MDHS Seed Funding Scheme. (\$7,500) *with K. Scurrah, N. Reavley and J. Hopper*

“The causal effect of education on health and health-related behaviours.” 2015 Faculty Research Grant, Faculty of Business and Economics. (\$19,440)

“The long-term consequences of childhood health outcomes.” 2013 Faculty Research Grant, Faculty of Business and Economics. (\$17,460)

“The dynamics of depression from adolescence to early adulthood.” The University of Melbourne, Early Career Research Grant 2012. (\$21,000)

## Teaching Experience

2021 Trimester 2

Lecturer, MAE256: Analytical Methods in Economics and Finance, Undergraduate level, Department of Economics, Deakin University

2020 Trimester 1

Lecturer, MAE256: Analytical Methods in Economics and Finance, Undergraduate level, Department of Economics, Deakin University

2019 Trimester 2

Lecturer, MAE256: Analytical Methods in Economics and Finance, Undergraduate level, Department of Economics, Deakin University

2017 Semester 1

Lecturer, ECON90068: Case Studies in Microeconomic Policy (Module 3 the Health Care Markets), Graduate level, Department of Economics, University of Melbourne

2016 Semester 1

Lecturer, ECON90068: Case Studies in Microeconomic Policy (Module 3 the Health Care Markets), Graduate level, Department of Economics, University of Melbourne

2009-2010

Teaching Assistant, Department of Economics, McMaster University, Canada  
Econometric analyses of health data, Graduate level

2003-2004

Teaching Assistant, Department of Economics, University of Victoria, Canada  
Microeconomic Analysis, Graduate level  
Descriptive Statistics & Probability, Undergraduate level  
Principles of Microeconomics, Undergraduate level

## Commissioned Research Reports/Publications

Yong, J., Li, J. and Scott, A. “Risk adjustment for selected indicators for nine procedures”, Interim Report of the Medibank Risk Adjustment Project, commissioned by Medibank Private Limited, January 2017.

Kim Dalziel, Jinhu Li, Anthony Scott and Philip Clarke, “Cost-effectiveness: Diabetes Care Project”, Report for McKinsey & Company, August 2014.

Yong, J., Li, J. and Yan, W. “Update on the econometric model of professional-entry student clinical placement capacity in public health settings”, *Report for the Victorian Department of Health*, July 2014

Yan W, Li J, Scott A, Cheng T, Sivey P & Leahy A. 2013. MABEL User Manual: Wave 4 Release. January 2013. Melbourne Institute of Applied Economic and Social Research.

Scott A, Yong J, Li J & Yan W. “Analysis of factors influencing clinical placement capacity in health settings: Part II - Modelling professional-entry student clinical placement capacity in public health settings.” *Report for the Victorian Department of Health*. May 2013

Scott, A., Yong, J., Li, J. and Yan, W. “Analysis of factors influencing clinical placement capacity in health settings: Part I - Impact of the training and development grant subsidy for professional entry student placements.” *Report for the Victorian Department of Health*, May 2012

Scott, A. and Li, J. “The effects of medical graduate expansion in Australia,” *Report for Health Workforce Australia, National Health Workforce Planning and Research Collaboration*, March 2012

Hurley, J., DeCicca, P., Li, J. and Buckley, G. “The Response of Ontario Primary Care Physicians to Pay-for-Performance Incentives,” Final Report for the Ontario Ministry of Health and Long-Term Care, January 2011

### **Policy Papers & Op-Ed**

“More education leads to a healthier lifestyle” *The Conversation*. 3 February 2014

### **Conference Presentations and Invited Seminars**

#### 2020

- 11<sup>th</sup> Workshop on the Economics of Health and Wellbeing, Melbourne, Australia, February 2020

#### 2019

- 13<sup>th</sup> World Congress in Health Economics of the International Health Economics Association, Basel, Switzerland, July 2019
- 2019 Econometric Society Australasian Meeting, Perth, Australia, July 2019
- 2019 Asian Meeting of the Econometric Society, Xiamen, China, June 2019
- Monash University CHE seminar series, Melbourne, May 2019
- 10<sup>th</sup> Australasian Workshop on Econometrics and Health Economics, Darwin, Australia, April 2019
- 10<sup>th</sup> Workshop on the Economics of Health and Wellbeing, Melbourne, Australia, February 2019

#### 2017

- 12<sup>th</sup> World Congress in Health Economics of the International Health Economics Association, Boston, US, July 2017
- Invited Seminar, Department of Economics, Deakin University, June 2017
- RMIT Health Economics Symposium, Melbourne, June 2017

#### 2016

- 38<sup>th</sup> Australian Health Economics Society (AHES) Conference, Perth, Australia, September 2016
- 2016 European Health Economics Association (EuHEA) Conference, Hamburg, Germany, July 2016
- 7<sup>th</sup> Workshop on the Economics of Health and Wellbeing, Australia, February 2016

2015

- 37<sup>th</sup> Australian Health Economics Society (AHES) Conference, Brisbane, Australia, October 2015
- 11<sup>th</sup> World Congress in Health Economics of the International Health Economics Association, Milan, Italy, July 2015

2014

- 7<sup>th</sup> University of Melbourne Annual Health Economics Workshop, Melbourne, April 2014
- 5<sup>th</sup> Workshop on the Economics of Health and Wellbeing, Australia, February 2014

2013

- 35<sup>th</sup> Annual Conference of Australian Health Economics Society, Canberra, Australia, September 2013
- 9<sup>th</sup> World Congress in Health Economics of the International Health Economics Association, Sydney, Australia, July 2013
- Inaugural MABEL Research Forum, Centre for Research Excellence in Medical Workforce Dynamics, Melbourne, Australia, April 2013

2012

- 2012 European Conference on Health Economics, Zürich University, Zürich, Switzerland, July 2012
- 9<sup>th</sup> Summer Workshop in Health Economics, Centre for Applied Economic Research and School of Economics, University of New South Wales, Sydney, February 2012

2011

- 3<sup>rd</sup> Annual Health Econometrics Workshop, University of Minnesota, Twin Cities, MN, United States, September 2011

2010

- 3<sup>rd</sup> Biennial Conference of the American Society of Health Economists, Cornell University, Ithaca, NY, United States, June 2010
- 44<sup>th</sup> Annual Conference of the Canadian Economics Association, University Laval, Quebec City, Canada, May 2010
- Annual Conference of the Canadian Health Economic Study Group, McGill University, Montreal, Canada, May 2010
- 2010 Annual Canadian Association for Health Services and Policy Research Conference, Toronto, Canada

2009

- Health over the Life Course Conference, University of Western Ontario, London, Canada, October 2009
- 7<sup>th</sup> World Congress on Health Economics of the International Health Economics Association, Beijing, China, July 2009

2008

- 42<sup>nd</sup> Annual Conference of the Canadian Economics Association, UBC, Vancouver, Canada, June 2008

**PhD Supervision**

Douglas Kazibwe, Deakin University, February 2020 - present

Bo Yu, Deakin University, November 2020 - present

**Professional Service: Academic Journal Review**

Journal of Applied Econometrics, Journal of Economic Behavior and Organization, Journal of Health Economics, Health Economics, Economics of Education Review, Economic Record, Social Science and Medicine, Health Policy, Economics and Human Biology, Education Economics, Singapore Economic Review, Scandinavian Journal of Primary Health Care

**Professional Service: Seminar Organization**

Seminar Coordinator, Department of Economics Seminar Series 2019, Deakin University, January- December 2019

Seminar Coordinator, Department of Economics Brown Bag Seminars 2019, Deakin University, January- December 2019

Program Coordinator, Melbourne Institute Seminar Series 2013, University of Melbourne, February – December 2013

**Professional Service: Workshop Organization**

6th Annual Workshop on Natural Experiments in History: Development, Health, Labour  
Co-organized with Mehmet Ulubasoglu and Cahit Guven, Melbourne, November 2019

5th Annual Workshop on Natural Experiments in History: Development, Health, Labour  
Co-organized with Mehmet Ulubasoglu and Cahit Guven, Melbourne, November 2018

2014 Medicine in Australia: Balancing Employment and Life (MABEL) Research Forum  
Co-organised with Anthony Scott, Melbourne, April 2014

**Scholarships and Fellowships**

SEDAP Fellowship, McMaster University, 2005-2008

Graduate Research Scholarship, McMaster University, 2006-2008

School of Graduate Studies (SGS) Scholarship, McMaster University, 2006-2008

**Professional Affiliations**

Econometric Society

International Health Economics Association

Australian Health Economics Society

European Health Economics Association

American Society of Health Economics