Hailong Qian

Department of Economics
Richard A. Chaifetz School of Business

Research Assistant for Professor Peter Schmidt, Department of Economics, Michigan State University, September 1994–May 1995

Instructor, Department of Economics, Michigan State University, summer 1994

Teaching Assistant, Department of Economics, Michigan State University, March 1991–May 1994

RESEARCH GRANTS AND RECOGNITION

Graduate Fellowship sponsored by Ford Foundation, U.S.-China Committee on Economics Education in China, 1990-1993
Post-Doctoral Research Fellow (under the supervision of Professor Peter Schmidt), Department of Economics, Michigan State University, August 1995–February 1996
Internal Research Grants, Victoria University of Wellington, New Zealand, **1996-1999**
Summer Research Grants, John Cook School of Business, 1999-2016
Research Fellow, Federal Reserve Bank of St. Louis, January 2003–August 2008
Visiting Scholar, Federal Reserve Bank of St. Louis, August, 2001–December 2002
Graduate Teacher of the Year, Chaifetz School of Business, 2019-2020

COURSES TAUGHT

Saint Louis University (1999-present)
Capstone, MS in Applied Financial Economics, 2013-present
Managerial Economics, Spring 2018, Spring 2019
Introduction to Econometrics (econ majors), 2013-present
Advanced Econometrics (senior undergraduate), 2000-present
Econometrics I (graduate): Cross-sectional models, 2000-2007 and 2012-present
Econometrics II (graduate): Time-series models, 2000-2007 and 2012-present
Advanced Statistics (graduate): Fall 2001, 2003
Intermediate Microeconomics: 1999-2012, 2015
Introduction to Business Statistics, Fall 2001

Victoria University of Wellington, New Zealand (1996-1999)
Econometrics (senior undergraduate), 1996-1999
Advanced Econometrics (honors and graduate), 1996-1997
Limited and Qualitative Dependent Variables in Econometrics (graduate), 1998-1999
Time Series Analysis (honors and graduate), 1998-1999

"Redundancy of Moment Conditions and the Efficiency of OLS in SUR Models," *Econometric Theory* 24, 1456-1460, 2008.

"Redundancy of Moment Conditions for Linear Transformation of Parameters," with H. Bednarek, *Journal of Social Sciences,* No. 2, 19-24, 2014. *Downloads: 2,978 times*

"Partial efficient estimation of SUR models," with H. Bednarek, *Economics Bulletin*, Vol. 35 No. 1, pp. 338-348, 2015 *Downloads: 121,218 times*
(http://www.accessecon.com/pubs/eb/default.aspx?topic=Abstract&PaperID=EB-14-00569)

"Redundancy of Moment Conditions in Restricted GMM Estimation," Vol. 11, No. 3, pp. 468-497, *Frontiers of Economics in China*, 2016. *Downloads: 667 times*
(Frontiers of Economics in China, http://journal.hep.com.cn/fec. The journal is ranked as one of "The Highest International Impact Academic Journals of China" in 2016, 2019 and 2020.)

"The Optimality of Non-optimal GMM Estimation of Parameters of Interest and the Partial Asymptotic Efficiency of 2SLS Estimation," with H. Bednarek, *Economics Bulletin*, Vol. 36, No. 3, pp. 1636-1649, 2016. *Downloads: 129,482*
(http://www.accessecon.com/pubs/eb/default.aspx?topic=Abstract&PaperID=EB-15-00727)

"Moment Redundancy Test with Application to Efficiencyt-

Network, 2006 (http://ssrn.com/SSRN-id927443). Invited for R&R by *Econometric Reviews*.
Downloads: 264; Google Scholar Citations: 24

COMPLETED RESEARCH PAPERS

"Efficient GMM Estimation of Parameters of Interest in System of Equations," January 2021.

"Evaluation of the Effects of Immigration on U.S. Job Creation Using Vector Autoregressive Models," with Jack Strauss, summer 2016.

"Estimation of Demand for Long-run Monetary Base Using a Cointegrated Panel Data Model with Short-run and Long-run Cross-sectional Dependence," with Richard Anderson and Robert Rasche. Working Paper, Research Division, Federal Reserve Bank of St. Louis, 2006

"A New Approach to Estimating and Forecasting Core Inflation," with Jack Strauss, April 2004, revised August 2006.

WORK IN PROGRESS

"Using spatial econometrics to estimate the economic impact of National Geospatial Intelligence Agency (NGA) West on the St. Louis regional economy"

"Partial Redundancy of Moment Conditions in Restricted GMM Estimation"

"Scalable GMM Estimation in Big Data"

"Efficient GMM Estimation of Systems of Linear Equations Using Linearized Second-Order Moment Conditions"

"Efficient GMM estimation of parameters of interest, subject to restrictions"

"Immigrants and entrepreneurship"

“Testing for PPP with Unknown Cross-Sectional Dependence and Heteroscedasticity,” with Jack Strauss; presented at *The Third Annual Missouri Economic Conference*, University of Missouri – Columbia, Columbia, Missouri, April 11-12, 2003.

“A Panel Cointegration Model of the Demand for the Monetary Base in the United States and Canada,” (with Richard Anderson and Robert Rasche); presented at *Second Annual Missouri Economics Conference, April 5-6, 2002.*

“Panel Cointegration Tests with Unknown Heteroscedasticity and Cross-Sectional Dependence,” with Jack Strauss; presented at *Econometric Society Australasian Meeting*, Auckland, New Zealand July 6-8, 2001.

“Partial Optimality of OLS and 2SLS,” presented at *New Zealand Econometrics Study Group Meeting* (organized by Professor Peter Phillips), Auckland, July 1999.

“Non-parametric Estimation of Stochastic Production Frontier Functions with Panel Data,” presented at *New Zealand Econometrics Study Group Meeting* (organized by Professor Peter Phillips), Auckland, July 1999, and seminars at Department of Economics, Arizona University, October 1999, and Department of Economics, Michigan State University, December 1999.

“Improved IV and GMM Estimators,” presented at *New Zealand Association of Economists’ Conference*, Christchurch, August 1997, and *Econometric Society Australasian Meeting* 1998, Canberra, July 1998.

“Partial Redundancy of Moment Conditions,” presented at *New Zealand Econometrics Study Group Meeting* (organized by Professor Peter Phillips), Auckland, July 1998.

“Efficient GMM and MD Estimation of Autoregressive Models,” presented at *New Zealand Association of Economists’ Conference*, Wellington, September 1998.

“Redundancy of Moment Conditions in GMM Estimation,” presented at *New Zealand Econometrics Study Group Meeting* (organized by Professor Peter Phillips), Auckland, February 1997, and *Econometric Society Australasian Meeting* 1997, Melbourne, July 1997.

“An Efficient GMM Estimator for a Panel Data Model with Multiple Time-Varying Unobservable Individual Effects,” presented at *New Zealand Association of Economists’ Conference*, Auckland, August 1996.

Consultant for *Energy Efficiency and Conservation Authority, New Zealand* for the Research Project on “Quantitative Analysis - Energy Efficiency in the Residential and Transport Sectors of New Zealand,” June 1996 - July 1996.

PROFESSIONAL MEMBERSHIP

The Econometric Society, 1996-

SERVICES

Department services

(1) Economics Department Chair, July, 2016 – present
(2) Director of MS in Applied Financial Economics, July 2016 – present
(3) Faculty supervisor for capstone projects, MS in Applied Financial Economics, 2013 – present
(4) Faculty Recruiting Committee Chair, Department of Economics, 2016 – 2017, 2018, 2020
(5) MS in Economics Thesis Committee chair: Jeff Schroeder (2005), s s