

## PAO-LI CHANG

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### **Academic Positions:**

2012.7 – present: Associate Professor of Economics, Singapore Management University (tenured)  
2002.7 – 2012.6: Assistant Professor of Economics, Singapore Management University

### **Editorial Positions:**

2015.10 – present: Associate Editor, *Review of World Economics / Weltwirtschaftliches Archiv* (Kiel Institute for the World Economy, Germany)  
2015.9 – present: Guest Editor, *Academia Economic Papers*, Special Issue on International and Regional Economics (Academia Sinica, Taiwan)  
2016.8 – present: Editorial Board, *Taiwan Economic Review* (National Taiwan University, Taiwan)

### **Education:**

Ph.D., Economics, University of Michigan, 2002.  
Dissertation: “Essays on International Trade and Econometrics”  
Committee: Alan V. Deardorff (chair), Jim Levinsohn, Shinichi Sakata, David Weinstein  
  
A.M., Economics, University of Michigan, 1997.  
A.B., Business Administration, National Taiwan University, 1994.

### **Research Fields:**

International Trade (Political Economy, GATT/WTO, Foreign Direct Investment, Institutions)  
Applied Econometrics

### **Consultancy Experience:**

United Nations Secretariat: 2014.10 – 2014.11  
The Boston Consulting Group: 2013.11 – 2014.3

### **Honors, Scholarships, and Fellowships:**

2014: SMU School of Economics Teaching Excellence Award  
2012: SMU School of Economics Research Excellence Award  
2002-2003: Lee Foundation Fellowship, Singapore Management University  
2001-2002: Dissertation Fellowships from the Chiang Ching-Kuo Foundation for International Scholarly Exchange (USA)  
1999: University of Michigan Rackham Dissertation Fellowship  
1997: University of Michigan Summer Research Fellowship

### **Research Grants:**

- 2017-2018: SMU Research Grant 17-C244-SMU-007: “The Impact of Media on International Trade and Tourism” co-PI
- 2016-2018: SMU Research Grant 16-C244-SMU-005: “Inferences for Spatial Dynamic Panel Data Models with Applications” collaborator
- 2013-2014: SMU Research Grant 13-C244-SMU-005: “Political Risk and Comparative Advantage of South-based MNE?” PI
- 2011-2012: SMU Research Grant 10-C244-SMU-014: “Does the country's image affect the world trade?” co-PI
- 2005-2006: SMU Research Grant 05-C208-SMU-033: “Firm Productivity and FDI Propensity” PI
- 2004-2005: SMU Research Grant 04-C208-SMU-024: “Protection for Sale under Monopolistic Competition: An Empirical Investigation” PI
- 2003-2004: SMU Research Grant 03-C208-SMU-008: “The Politics of WTO Enforcement Mechanism” PI

### **Publications:**

#### Journal Articles

1. **“Trade and Divergence in Education Systems,”** *International Economic Review*, November 2014, 55(4): 1251–1280. With Fali Huang (SMU).
2. **“Risk and the Technology Content of FDI: A Dynamic Model,”** *Journal of International Economics*, March 2012, 86(2): 306–317. With Chia-Hui Lu (City University of Hong Kong).
3. **“The WTO Trade Effect,”** *Journal of International Economics*, September 2011, 85(1): 53–71. With Myoung-Jae Lee (Korea University).
4. **“Estimation of Impulse Response Functions Using Long Autoregression,”** *Econometrics Journal*, July 2007, 10(2): 453–469. With Shinichi Sakata (University of British Columbia).
5. **“Avoiding Arbitrary Exclusion Restrictions Using Ratios of Reduced-Form Estimates,”** *Empirical Economics*, 2007, 33: 339–357. With Myoung-Jae Lee (Korea University).
6. **“L S Penrose's limit theorem: Tests by simulation,”** *Mathematical Social Sciences*, January 2006, 51(1): 90–106. With Vincent C.H. Chua (SMU) and Moshé Machover (LSE).
7. **“Protection for sale under monopolistic competition,”** *Journal of International Economics*, July 2005, 66(2): 509–526.
8. **“How accurate are confidence intervals for impulse responses in large VAR models?”** *Economics Letters*, December 2000, 69(3): 299–307. With Lutz Kilian (University of Michigan).

#### Chapters in Books

1. **“The Evolution and Utilization of the GATT/WTO Dispute Settlement Mechanism,”** in *Trade Disputes and the Dispute Settlement Understanding of The WTO*, James C. Hartigan (ed), Emerald, 2009.
2. **“Trade, FDI, and Regional Competition: The Case of Singapore,”** in *The Economic Prospects of Singapore*, Winston T.H. Koh and Robert S. Mariano (eds), Singapore: Addison Wesley, 2005.

### **Working Papers:**

1. **“Institutional Complementarity across Countries in Bilateral FDI Flows: Theory and Evidence,”** July 2016. A previous version titled, **“Complementarity in Institutional Quality in Bilateral FDI Flows,”** was circulated in Oct 2014 under SMU Economics & Statistics Working Paper Series No. 20-2014.
2. **“Country Image and International Trade,”** with Tomoki Fujii (SMU), Dec 2016. A previous version was circulated in July 2012 under SMU Economics & Statistics Working Paper Series No. 29-2012.
3. **“The GATT/WTO Welfare Effects: 1950--2015,”** with Wei Jin (SMU PhD student), August 2017.
4. **“The Korean Wave: Determinants and Implications,”** with Hyojung Lee (SMU), August 2017.

#### **Work in Progress:**

1. **“Entrepreneurship, Education System, and Trade Pattern,”** with Alan Deardorff (University of Michigan).
2. **“The Missing Middle in Product Quality Distribution.”**
3. **“A Characterization of FDI Location Choice based on a Global Firm-level Dataset: Productivity, R&D, Institutions, and Upstreamness,”** with Yuting Chen (SMU PhD student).
4. **“Trade and the Global Recession Revisited,”** with Yu Sun (SMU) and Xin Yi (SMU PhD student).

#### **Academic Activities:**

Member: *American Economic Association, Econometric Society*

Referee for:

*ASEAN Economic Bulletin* (12/2002, 7/2012)

*Asian Development Review* (3/2016)

*Canadian Journal of Economics* (5/2011, 5/2012, 4/2014, 3/2017)

*Contemporary Economic Policy* (9/2007, 11/2011)

*Economic Inquiry* (7/2015, 1/2016)

*Economics* (5/2015)

*European Economic Review* (9/2011)

*International Economic Journal* (11/2010)

*International Economic Review* (10/2009, 7/2010, 6/2011)

*International Game Theory Review* (8/2006)

*International Review of Economics and Finance* (3/2012, 11/2015, 1/2017)

*Journal of Asian Economics* (4/2017)

*Journal of Economics and Management* (9/2011)

*Journal of Economic Theory* (7/2016)

*Journal of International Economics* (6/2011, 7/2013, 2/2014, 3/2015, 6/2016, 1/2017)

*Malaysian Journal of Economic Studies* (5/2005)

*Pacific Economic Review* (5/2007, 5/2007, 8/2007, 4/2008, 9/2009, 11/2009, 10/2012, 6/2013)

*Pakistan Journal of Statistics* (8/2013)

*Review of International Economics* (5/2014, 12/2014, 1/2016)

*Review of International Organizations* (4/2012)

*Scandinavian Journal of Economics* (3/2016, 8/2017)

*Singapore Economic Review* (4/2004, 10/2004, 12/2008, 4/2010, 9/2012, 12/2012, 4/2013, 11/2015)

*The World Economy* (4/2016)

*World Development* (4/2011, 2/2014, 11/2014, 7/2015)

*World Trade Review* (10/2016, 8/2017)

Review grant applications for: Social Sciences and Humanities Research Council of Canada (1/2014)

Serve as referees for: the *ETSG 2015 RoWE Prize* for best young author (9/2015)

Serve as external reviewers of tenure case for: University of Queensland, Australia (3/2016)

**Academic Visits:**

Visiting Fellow, University of California, Berkeley, Department of Agricultural and Resource Economics (Oct – Dec, 2015)

Visiting Fellow, City University of Hong Kong (26 Nov – 1 Dec, 2013)

Visiting Fellow, Kiel Institute for the World Economy, Germany (17 Sep – 21 Sep, 2012)

Visiting Fellow, Institute of Economics, Academia Sinica, Taiwan (24 July – 25 July, 2012)

Visiting Fellow, City University of Hong Kong (20 Aug – 27 Aug, 2011)

Visiting Fellow, Graduate School of Systems and Information Engineering, University of Tsukuba, Japan (13 Oct – 20 Oct, 2006)

Visiting Fellow, Institute of Economics, Academia Sinica, Taiwan (2 Oct – 13 Oct, 2006)

Visiting Fellow, Institute of Economics, Academia Sinica, Taiwan (17 May – 16 Aug, 2005)

Visiting Fellow, Department of Economics, University of Kiel, Germany (01 May – 14 May, 2005)

**Conference/Symposia and Seminar Presentations:**

2017: International Conference on Qualitative and Quantitative Economics Research, Singapore (keynote speaker);  
SMU-NUS Joint Trade Workshop, Singapore;  
Asia Pacific Trade Seminars, Hanoi, Vietnam (keynote speaker);  
Taiwan Economics Research at Academia Sinica, Taiwan;  
Workshop on Trade and Development, Delhi School of Economics, India (invited speaker); scheduled

2016: SMU-NUS Joint Trade Workshop, Singapore;  
Taipei International Conference on Growth, Trade, and Dynamics, Taiwan;  
Asia Pacific Trade Seminars, Taipei, Taiwan;  
Trade and Development Workshop, Deakin University, Melbourne, Australia (invited speaker);  
Taiwan Economics Research at Academia Sinica, Taiwan

2015: Australian Trade Workshop, Sydney, Australia;  
Tsinghua University, Beijing, China (invited speaker);  
International Conference on Qualitative and Quantitative Economics Research, Singapore (keynote speaker);  
Asia Pacific Trade Seminars, Canberra, Australia;  
University of Queensland, Australia (invited speaker);  
Taiwan Economics Research at Academia Sinica, Taiwan;  
Singapore Management University;  
Fall Midwest International Trade Meetings at Pennsylvania State University;  
UC Berkeley Trade workshop

- 2014: Asian Meeting of the Econometric Society, Taipei, Taiwan
- 2013: National University of Singapore (invited speaker);  
Asia Pacific Trade Seminars, Nanjing, China;  
Asian Meeting of the Econometric Society, Singapore;  
Chinese University of Hong Kong (invited speaker)
- 2012: Asia Pacific Trade Seminars, Singapore;  
Academia Sinica, Taiwan (invited speaker);  
Trade Workshop at National Taiwan University (invited speaker);  
European Trade Study Group 2012, Belgium;  
Kiel Institute for the World Economy (invited speaker);  
Hitotsubashi GCOE Conference on International Trade & FDI 2012 (invited speaker)
- 2010: Econometric Society World Congress, Shanghai, China
- 2009: Asian Conference on Applied Micro-Economics/Econometrics, Korea University (invited speaker);  
Western Economic Association Conference, Kyoto, Japan;  
Trade Workshop at National Taiwan University (invited speaker)
- 2008: Dynamics, Economic Growth, and International Trade, Manila, Philippines
- 2007: Empirical Investigations in International Economics, Keio University, Japan (invited speaker);  
Asia Pacific Trade Seminars, Shanghai, China;  
Far Eastern Meeting of the Econometric Society, Taipei, Taiwan;  
European Trade Study Group, Athens, Greece
- 2006: Asia Pacific Trade Seminars, Kobe, Japan;  
University of Tsukuba, Japan (invited speaker)
- 2005: University of Kiel, Germany (invited speaker);  
Xiamen University International Trade Symposium, Xiamen, China (invited speaker);  
Academia Sinica, Taiwan (invited speaker);  
Econometric Society World Congress, London, UK;  
European Economic Association Annual Congress, Amsterdam, Netherlands
- 2004: International Trade and Finance Association Conference, San Antonio, the US;  
Australasian Meeting of the Econometric Society, Melbourne, Australia;  
EEA-ESEM, Madrid, Spain
- 2003: National University of Singapore (invited speaker)

**Chair/Discussant Duties:**

- 2017: Taiwan Economics Research at Academia Sinica, Taiwan (invited)
- 2016: Asian Bureau Finance and Economic Research (ABFER), Singapore (invited);  
Trade and Development Workshop, Deakin University, Melbourne, Australia (invited);

Taiwan Economics Research at Academia Sinica, Taiwan (invited)

2015: Australasian Trade Workshop, Sydney, Australia;  
International Conference on Evolving Finance, Trade and Investment in Asia, Singapore  
(invited)

2009: Western Economic Association Conference, Kyoto, Japan

**Teaching Experience:**

1. *International Trade*, Economics 724. PhD program, Singapore Management University. Term Two 2014-15. Term Two 2015-16. Term One 2016-17.
2. *International Trade*, Economics 234. Undergraduate program, Singapore Management University. Term Two 2010-11, Term Two 2011-12, Term Two 2012-13, Term Two 2013-14. Term Two 2014-15. Term Two 2015-16. Term Two 2016-17. Elective course for economics majors.
3. *International Economics B*, Economics 203. Undergraduate program, Singapore Management University. Term Two 2003-04, Term Two 2004-05, Term Two 2005-06, Term Two 2006-07, Term Two 2007-08, Term One 2008-09, Term Two 2009-10, Term Two 2010-11, Term Two 2011-12, Term Two 2012-13, Term Two 2013-14. Term Two 2016-17. Required course for economics majors.
4. *International Economics A*, Economics 103. Undergraduate program, Singapore Management University. Term Two 2002-03, Term One 2004-05, Term Two 2004-05, Term Two 2005-06. Core course for business and non-economics majors.