

MONASH UNIVERSITY MALAYSIA

CURRICULUM VITAE

DR. JASON NG WEI JIAN

DEPARTMENT OF ECONOMETRICS AND BUSINESS STATISTICS

2019

1 PERSONAL DETAILS

- **Name:** Jason Ng Wei Jian
- **Telephone (work):** 03-55145850
- **Email:** jason.ng.wj@monash.edu
- **Nationality:** Malaysian
- **Present Classification:** Senior Lecturer

2 ACADEMIC QUALIFICATIONS

- Ph.D. (Econometrics), Monash University, 2012.
- Bachelor of Commerce (Hons) (Econometrics), Monash University, 2007
- Bachelor of Commerce (Economics and Econometrics), Monash University, 2006

3 AWARDS/SCHOLARSHIPS

- **2018** Engagement, Innovation, Impact (EII) Awards for Education Impact, School of Business, Monash University Malaysia
- **2010** Best Paper/Presenter Award at Annual PhD Conference in Economics and Business, 2010, Australian National University, Canberra, AUSTRALIA
- **2008** Monash Graduate Scholarship
Monash International Postgraduate Research Scholarship
Dean's Excellence Award Scholarship
Donald Cochrane Award PhD Scholarship
- **2007** Econometrics Memorial Scholarship

4 APPOINTMENTS

4.1 CURRENT

- Senior Lecturer, Level C, Department of Econometrics and Business Statistics, Monash University Malaysia, January 2017 - .
- Lecturer, Level B, Department of Econometrics and Business Statistics, Monash University Malaysia, August 2012 – December 2016.
- Coordinator, Department of Econometrics and Business Statistics, Monash University Malaysia, March 2013 – May 2017; Jan 2019 - .
- Academic Advisor for Business Analytics, Department of Econometrics and Business Statistics, Monash University Malaysia, July 2018 – Jan 2019.

4.2 PREVIOUS

- Sessional Teaching Associate, Department of Econometrics and Business Statistics, Monash University, Clayton, Victoria, 2007 – 2012.
- Casual Academic Research Assistant, Department of Econometrics and Business Statistics, Monash University, Clayton, Victoria, March 2012 – July 2012.

5 RESEARCH

5.1 Refereed Journal Articles

1. Rangel, G.J., Ng, J.W.J., Murugasu, T.T. and Poon, W.C., 2019 “A Micro-Level View of Housing Affordability in Malaysia Using an Age Cohort-Housing Type Analysis”, *Malaysian Journal of Economic Studies*, Forthcoming.
2. Rangel, G.J. and Ng J.W.J., 2017, “Macroeconomic Drivers of Singapore Private Residential Prices: A Markov-Switching Approach”, *Capital Markets Review*, 25(2), pp. 15-31.
3. Ng, J.W.J., Vaithilingam, S. and Rangel, G.J., 2017, “The Role of Life Satisfaction on Election Voting Preferences in Malaysia”, *Asian Journal of Social Science*, 45, pp.149-175 ; (Tier – A)
4. Ng, J.W.J., Rangel, G.J., Vaithilingam, S. and Subramanium, P., 2015, “2013 Malaysian Elections: Ethnic Politics or Urban Wave?”, *Journal of East Asian Studies*, 15, pp. 167-198 (Tier – A)
5. Ng, J.W.J., Rangel, G.J., Vaithilingam, S. and Subramanium, P., 2015, “Rejoinder: The Authors Respond to “Interpreting Ethnicity and Urbanization in Malaysia’s 2013 General Election”, *Journal of East Asian Studies*, 15, pp. 227-241 (Tier – A)
6. Ng, J.W.J., Forbes, C.S., Martin, G.M. and McCabe, B.P.M. 2013, “Non-parametric Estimation of Forecast Distributions in Non-Gaussian State Space Models”, *International Journal of Forecasting*, 29, pp. 411-430. (Tier – A)
 - This paper was nominated for Best Paper published in the International Journal of Forecasting Best Paper 2012-2013. See <http://robjhyndman.com/hyndsight/ijf-nominations2/#more-3247>

5.2 Conference Papers

1. Selvarajah, J., Nair, M., Vaithilingam, S. and Ng, J., 2012, “Financial Inclusion and Sustainable Development of Marginalised Communities in ASEAN: An Exploratory Analysis”. *Proceedings of the International Congress on Innovation and Regional Economic Development*, Hefei City, China, 2-3 Dec, 2012.

2. Chua, J.M., Ng, J.W.J., Vaithilingam, S., 2015, "Key Determinants of Happiness for Developing and Developed Countries: A Panel Data Analysis". *Proceedings of The International Statistical Institute Regional Statistics Conference 2015*, Kuala Lumpur (Malaysia), 16-19 November 2015.
3. Rangel, G.J., Ng, J.W.J., Murugasu, T.T and Poon, W.C., 2017, "A Micro-Level View of Housing Affordability in Malaysia Using an Age Cohort-Housing Type Analysis", *Proceedings of The International Statistical Institute Regional Statistics Conference 2017: Enhancing Statistics, Prospering Human Life*, Bali (Indonesia), 20-24 March 2017

5.3 Papers Under Review

1. Hwang, L-A., **Ng, J.W.J**, Vaithilingam, S., 2018, "Social Capital and Subjective Well-Being: The Mediating Role of Social Network Sites", *Online Information Review*.

5.4 Working Papers

1. **Ng, J.W.J**, Rangel, G.J. and Phung, Y.C., 2019, "Malaysia's 14th General Election: Did a Malaysian Tsunami Happen? Measuring the Impacts of Ethnicity and Urban Development on Electoral Outcomes".
2. Rangel, G.J., **Ng, J.W.J**, Murugasu, T.T and Poon, W.C., 2018, "Measuring Housing Affordability in an Emerging Market: The Lifetime Income Approach".
3. Rangel, G.J., **Ng, J.W.J**, Murugasu, T.T and Poon, W.C., 2018, "Housing Affordability among the Millennial Generation: Using a Lifetime Income Measure".
4. Zelinsky, T. and **Ng, J.W.J**, 2018, "Estimation of Subjective Poverty Lines Using the Sensitivity-Specificity Curves Approach".

5.5 Thesis

1. "Non-parametric Estimation of Forecast Distributions in Non-Linear, Non-Gaussian State Space Models", Unpublished Ph.D. thesis, Monash University, 2012.
 - This thesis was examined by Professor Andrew Tremayne and Professor Tilman Gneiting.
 - Professor Andrew Tremayne is a Professor of Econometrics at the University of Liverpool.
 - Professor Tilmann Gneiting is a Professor of Mathematical Statistics in the Institute of Applied Mathematics at the University of Heidelberg in Germany, and Affiliate Professor of Statistics in the Department of Statistics at the University of Washington.

5.6 Research Grants

5.6.1 Monash University Seed Grant (Awarded)

- Seed Grant, awarded for 2016: “Social Ties and Subjective Well-Being of University Students: The Role of Social Network Sites”
Amount: RM 10,000
- Seed Grant, awarded for 2013: “Monte Carlo Filtering of State Space Models – Application to Stochastic Volatility Models”.
Amount: RM 8,000

5.6.2 Fundamental Research Grant Scheme (Awarded)

- Principal Investigator: FRGS Grant, awarded for 2014-2018: “Measuring Housing Affordability in Malaysia Using a Lifetime Income Measure”.
Amount: RM98,100

5.6.3 Research Grant Top Tier Journal Publication (Awarded)

- Awarded for 2015
Amount: RM1,250

5.6.4 Monash University Malaysia Sustainable Community Grant Scheme (Awarded)

- Awarded for 2018 - 2020
Amount: RM250,000

5.7 Research Supervision

5.7.1 Completed Supervision

1. Student: Chua Jing Moon (2014)
Program of study: Bachelor of Business and Commerce (Honours)
Thesis title: The Key Macro Determinants of Happiness: A Panel Data Analysis
Role: Primary Supervisor
Co-supervisor: Associate Professor Santha Vaithilingam
2. Student: Hwang Li-Ann (2015-2016)
Program of study: Bachelor of Business and Commerce (Honours)
Thesis title: Social Ties and Subjective Well-being of University Students: The Role of Social Network Sites
Role: Primary Supervisor
Co-supervisor: Associate Professor Santha Vaithilingam

5.7.2 Current Supervision

1. Student: Hwang Li-Ann (2017 – 2019)
Program of study: Doctor of Philosophy (PhD)
Thesis title (proposed): Efficacy of After School Intervention Programs for Underprivileged Children in Malaysia
Role: Co-Supervisor

6 TEACHING

6.1 Teaching Units

- ETW1000 (Business Statistics)
- ETW2410 (Introductory Econometrics)
- ETW3420 (Principles of Forecasting and Applications)
- ETW3450 (Applied Time Series Econometrics)

6.2 Teaching Philosophy

“What's important is that you have a faith in people, that they're basically good and smart, and if you give them tools, they'll do wonderful things with them.” – Steve Jobs

It is vital that as educators, we have a simple faith in our students that they are good and smart, and are capable of many achievements that are beyond our imagination.

Our role as educators is to then provide students with the tools – knowledge, critical thinking skills, specialized skills, confidence in speaking, and character development, for them to pursue their studies with excellence in scholarship, with an acute sense of responsibility towards themselves and their community.

My aspiration is that students will graduate as scholars who will then put these skills into good use for the betterment of society, in whatever field they may be in.

7 ADMINISTRATION AND SERVICE (MONASH)

1. Vice President of Monash University Malaysia Academic Staff Association, June 2017 - Current
2. Coordinator of Department of Econometrics and Business Statistics, Monash University Malaysia, March 2013 to May 2017, Jan 2019 to current.
3. Task Force committee for development of Business Analytics major at Monash University Malaysia, 2013 to 2014.
 - The Business Analytics major will be offered under the Bachelor of Business and Commerce program from 2015.
4. Elected into Executive Committee as the School of Business Representative in Monash University Malaysia Academic Staff Association (MUMASA), February 2013 to June 2017.

8 EXTERNAL ENGAGEMENT

1. Facilitated and conducted a three day workshop (25-27 Nov 2014) organized by Academy Science of Malaysia (ASM).
 - Workshop was titled “Big Data and the Power of Statistics for Decision Makers: Patterns, Predictions and Prescriptive Analytics”.
 - Workshop was attended by over 40 participants from various industries, institutions of higher learning and government agencies, some of which included Proton, Tenaga National,

MIMOS, ASM, Maxis, Sime Darby Research Sdn Bhd, Sime Darby Technology Centre Sdn Bhd
and Bank Negara Malaysia.