

## Curriculum Vitae



### **Dr Fang Zheng**

Associate Professor

Director, Office of Graduate Studies

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### **Education Qualifications**

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|-------------|---|
| 2008 - 2012 | PhD in Economics, Nanyang Technological University, Singapore |
| 2004 - 2008 | BA in Economics & BS in Mathematics, Wuhan University, China  |

### **Academic and Professional Experience**

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| 2024 – Present | Associate Professor; Director, Office of Graduate Studies, SUSS              |
| 2022 - 2023    | Associate Professor; Deputy Director, Office of Graduate Studies, SUSS       |
| 2019 - 2022    | Senior Lecturer, School of Business, Singapore University of Social Sciences |
| 2016 - 2018    | Lecturer, School of Business, Singapore University of Social Sciences        |
| 2015 - 2016    | Research Fellow, Nanyang Technological University                            |
| 2013 - 2015    | Associate Professor, Southwestern University of Finance and Economics        |
| 2011 - 2013    | Consulting Analyst, HR Business Solutions                                    |
| 2009 - 2011    | Economics Tutor, Nanyang Technological University                            |

### **Memberships and Professional Activities**

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| 2022 - Present | Associate Editor, Singapore Economic Review (SER) |
| 2018 - Present | Fellow of Global Labor Organization (GLO)         |
| 2018 - Present | Research Advisor at Nan Yang Academy of Sciences  |
| 2013 - Present | Member, American Economic Association             |
| 2013 - Present | Member, Econometric Society                       |
| 2013 - Present | Member, Chinese Economist Society                 |
| 2013 - Present | Member, Western Economic Association              |

Referee for *Applied Energy*, *China Economic Review*, *Economic Modelling*, *Economic Research-Ekonomska Istrazivanja*, *Emerging Markets Finance and Trade*, *Empirical Economics*, *Energy Economics*, *Energy Policy*, *International Journal of Environmental Research and Public Health*, *International Journal of Manpower*, *Journal of Asian Economics*, *Journal of*

*Community Psychology, Journal of Economic Behavior and Organization, Journal of Happiness Studies, Journal of Southeast Asian Economies, Journal of the Asia Pacific Economy, Papers in Regional Science, Singapore Economic Review, Social Indicators Research, The Energy Journal, The World Economy*

### Research Interests

- Labor Economics, Energy and Environmental Economics, Asian Studies

### Awards

- SUSS Excellence of Teaching Award, 2023

### Selected Publications

#### In English

- Fang, Z., Ding, D., & Guan, C. (2024). Does methodology matter? A revisit of the energy-growth nexus in Asia Pacific countries. *Economic Issues* (forthcoming).
- Cho, Y., Fang, Z., & Sim, N. (2023). Meritocratic Beliefs and Economic Growth: a Mediating Effect of Economic Inequality. *Asia and the Global Economy*, 3(2), 100072.
- Tan, G.L.C., & Fang, Z. (2023). Family Social and Cultural Capital: An Analysis of Effects on Adolescent's Educational Outcomes in China. *Journal of Chinese Sociology*, 10(21).
- Tan, G.L.C., & Fang, Z. (2023). The rural-urban divide: Family social capital, family cultural capital, and educational outcomes of Chinese adolescents. *Journal of Economic Analysis*, 2(2), 78-95.
- Fan, H., Fang, Z., Huang, B., & Zhou, M. (2022). Prevalence of SOEs and intergenerational income persistence: Evidence from China. *The World Economy*, 45, 276-291.
- Sakellariou, C., & Fang, Z. (2021). Self-efficacy and interest in STEM subjects as predictors of the STEM gender gap in the US: The role of unobserved heterogeneity. *International Journal of Educational Research*, 109, 101821.
- Fang, Z., & Wolski, M. (2021). Human capital, energy and economic growth in China: evidence from multivariate nonlinear Granger causality tests. *Empirical Economics*, 60, 607-632.
- Fang, Z., Huang, B., & Yang, Z. (2020). Trade openness and the environmental Kuznets curve: evidence from Chinese cities. *The World Economy*, 43(10), 2622-2649.
- Fang, Z., & Yu, J. (2020). The role of human capital in energy-growth nexus: an international evidence. *Empirical Economics*, 58(3), 1225-1247.
- Cai, X. J., Fang, Z., Chang, Y., Tian, S., & Hamori, S. (2020). Co-movements in commodity markets and implications in diversification benefits. *Empirical Economics*, 58(2), 393-425.
- Chang, Y., Fang, Z., & Hamori, S. (2020). Human capital and energy: a driver or drag for economic growth. *Singapore Economic Review*, 65(03), 683-714.
- Chang, Y., Fang, Z., Hamori, S., & Chow, D. (2018). A sustainable metropolis: Perspectives of population,

productivity and parity. *Sustainability*, 10(11), 4264.

- Chen, Y., & Fang, Z. (2018). Industrial electricity consumption, human capital investment and economic growth in Chinese cities. *Economic Modelling*, 69, 205-219.
- Fang, Z., & Niimi, Y. (2017). Does everyone exhibit loss aversion? Evidence from a panel quantile regression analysis of subjective well-being in Japan. *Journal of the Japanese and International Economies*, 46, 79-90.
- Fang, Z. (2017). Panel quantile regressions and the subjective well-being in urban China: evidence from RUMiC data. *Social Indicators Research*, 132(1), 11-24.
- Fang, Z., & Chen, Y. (2017). Human capital, energy, and economic development - Evidence from Chinese provincial data. *Energy Economics*, 68, 340-358.
- Chang, Y., & Fang, Z. (2017). Efficient, equitable and sustainable energy policy in a small open economy: Concepts and assessments. *Energy Policy*, 105, 493-501.
- Fang, Z., & Chang, Y. (2016). Energy, human capital and economic growth in Asia Pacific countries—Evidence from a panel cointegration and causality analysis. *Energy Economics*, 56, 177-184.
- Chang, Y., Fang, Z., & Li, Y. (2016). Renewable energy policies in promoting financing and investment among the East Asia Summit countries: Quantitative assessment and policy implications. *Energy Policy*, 95, 427-436.
- Sakellariou, C., & Fang, Z. (2016). Returns to schooling for urban and migrant workers in China: a detailed investigation. *Applied Economics*, 48(8), 684-700.
- Fang, Z., & Sakellariou, C. (2016). Social insurance, income and subjective well-being of rural migrants in China—An application of unconditional quantile regression. *Journal of Happiness Studies*, 17(4), 1635-1657.
- Fang, Z., & Sakellariou, C. (2016). Living standards inequality between migrants and local residents in urban China—A quantile decomposition. *Contemporary Economic Policy*, 34(2), 369-386.
- Fang, Z. (2016). Data on examining the role of human capital in the energy-growth nexus across countries. *Data in Brief*, 9, 540-542.
- Adireksombat, K., Fang, Z., & Sakellariou, C. (2016). The evolution of gender wage differentials in Thailand: 1991–2007—An application of unconditional quantile regression. *Singapore Economic Review*, 61(05), 1550094.
- Fang, Z., & Sakellariou, C. (2015). Glass ceilings versus sticky floors: Evidence from Southeast Asia and an international update. *Asian Economic Journal*, 29(3), 215-242.
- Sakellariou, C., & Fang, Z. (2014). The Vietnam reforms, change in wage inequality and the role of the minimum wage. *Economics of Transition*, 22(2), 313-340.
- Fang, Z., & Sakellariou, C. (2013). Discrimination in the equilibrium search model with wage-tenure

contracts. *Annals of Economics and Finance*, 14(2), 451-480.

- Fang, Z., & Sakellariou, C. (2013). Evolution of urban–rural living standards inequality in Thailand: 1990–2006. *Asian Economic Journal*, 27(3), 285-306.
- Fang, Z., & Sakellariou, C. (2011). A case of sticky floors: Gender wage differentials in Thailand. *Asian Economic Journal*, 25(1), 35-54.

### **In Chinese**

- Jinying Yang, Liang Ma, Zheng Fang and Cuixiang He (2016). Gender wage differentials in urban China- Unconditional quantile decomposition and double decomposition. *China Review of Political Economy*, 7(1), 63-88.
- Cuixiang He, Zheng Fang and Xingming Fang (2015). Higher education, wage premium of the public sector and wage differences between public and non-public sectors. *Journal of Yunnan University of Finance and Economics*, 6, 21-33.
- Cuixiang He and Zheng Fang (2015). Wage differentials between the public and non-public sectors in China. *Review of Investment Studies*, 3, 4-18 (lead article).
- Zheng Fang (2014). Comparative study of accreditation of engineering education in signatories of Washington Accord. *Higher Education Development and Evaluation*, 30(4), 66-76.
- Zheng Fang (2013). On the internationalization process of Chinese engineering education accreditation. *Research in Higher Education of Engineering*, 6, 72-76.

### **Book Reviews**

- Quah, E., & Fang, Z. (2016). Book Review: “Japan and Asia: Economic Development and Nation Building”. *The Singapore Economic Review*, 61(5), 1680009.
- Quah, E., & Fang, Z. (2016). Shinichi Ichimura, Japan and Asia: Economic Development and Nation Building. *Asian Studies*, 62(4), 90-94.

### **Book Chapters**

- Fang, Z., Chang, Y.H., & Yu, Y.H. (2023). Green Finance in China: Development and Impact Analysis. In Boubaker, S., & Le, T.H. (Ed.), *Green Finance and Sustainable Development Goals*, World Scientific Publishing.
- Fang, Z., & Ding, D. (2022). New evidence on gender wage gaps in urban China. In Chew, S.B., Huang, L., & Kwa, K.X. (Ed.), *Political, Economic and Social Dimensions of Labour Markets: A Global Insight*, World Scientific Publishing.
- Fang, Z., Huang, B., & Yang, Z. (2020). Does trade openness change the environmental Kuznets curve?

Evidence from the People's Republic of China. In Huang, Bihong and Yu, Eden (Ed.), *Ways to Achieve Green Asia*, Asian Development Bank Institute (ADBI).

- Fang, Z., & Le, T.H. (2020). Cointegrating relationship and Granger causal analysis in energy economics – A practical guidance. In Goutte, Stéphane and Nguyen, Duc Khuong (Ed.), *Handbook of Energy Finance: Theories, Practices and Simulations*, World Scientific Publishing.
- Yu, J., & Fang, Z. (2018). A review on residential electricity price policies in China. In Sreekanth, K. J. (Ed.), *Energy Policy: Perspectives, Challenges and Future Directions* (pp. 47-84), Nova Science Publishers.

### Op-Ed

Guan, C., Fang, Z., & Lee, S. (29 Dec 2022). "MBAs aren't what they used to be. Same goes for most master's degrees". *Straits Times*.

Guan, C., Fang, Z., & Lee, S. (18 Feb 2023). "Singaporeans know they need to reskill. The challenge is how". *Straits Times*.

### Projects

- "Slowing workforce growth" funded by NTUC Strategy, Singapore in 2022.
- "Intergenerational Support and Subjective Well-being of Older Parents in Singapore" funded by MOE Start-up Funding, Singapore in 2022.
- "Lifelong learning and mental wellbeing of older adults in Singapore" funded by Mitsui Sumitomo Insurance Welfare Foundation, Singapore in 2021.
- "Energy Consumption, Human Capital and Economic Growth in Asia: Theory and Evidence" funded by the Ministry of Education, Singapore in 2015.
- "Sustainable Metropolis: Population, Productivity and Parity" funded by the Sustainable Earth Office of Nanyang Technological University, Singapore in 2015.
- "Earning differences between urban residents and migrants in China – Evidence based on quantile decomposition" funded by the Scientific Research Foundation for the Returned Overseas Chinese Scholars, State Education Ministry, China in 2014.
- "Academic societies to undertake assessment work of engineering education accreditation consulting project" funded by China Association for Science and Technology (CAST) in 2013.