

Dr. Yun Liu (Lyndon)

Teaching Fellow | School of Accounting and Finance | The Hong Kong Polytechnic University

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EDUCATION

HONG KONG BAPTIST UNIVERSITY	Hong Kong
<i>Ph.D. Economics</i>	2013-2016
HONG KONG BAPTIST UNIVERSITY	Hong Kong
<i>MSc. Applied Economics</i>	2012-2013
CHANGZHOU UNIVERSITY	Jiangsu
<i>Bachelor of Management</i>	2008-2012

EMPLOYMENT

THE HONG KONG POLYTECHNIC UNIVERSITY (PolyU)	Hong Kong
SCHOOL OF ACCOUNTING AND FINANCE (AF)	
<i>Teaching Fellow</i>	2022-Present
<i>Instructor</i>	2019-2021
THE EDUCATION UNIVERSITY OF HONG KONG	Hong Kong
<i>Senior Research Assistant</i>	2017-2019

Dr. Liu participated in three funded research projects.

- Focusing on the U.S. and Hong Kong energy markets, he conducted demand estimations and drafted research manuscripts, which led to **6** influential publications in such journals as *Applied Energy* and *Energy*.
- Dr. Liu assisted in developing an Online Assessment System for Individual Scores (OASIS) which won **two gold medals** in international innovation competitions.

His performance was rated as “**outstanding**” throughout his employment with the university.

THE UNIVERSITY OF HONG KONG, SPACE	Hong Kong
<i>Part-time Visiting Teaching Fellow</i>	2017-2019

PUBLICATIONS

1. Tang, D., Liu, Y., & Li, Y. (forthcoming). *Analysis of Macquarie Group's Value at Risk using GARCH Models. Handbook of Financial Econometrics, Statistics, Technology, and Risk Management*. Rutgers University Press.
2. Cao, K. H., Woo, C. K., Li, Y., & Liu, Y. (2020). Covid-19's effect on the alpha and beta of a US stock Exchange Traded Fund. *Applied Economics Letters* [SSCI], 1-6.
<https://doi.org/10.1080/13504851.2020.1859447>.
3. Woo, C. K., Cao, K. H., Liu, Y. L., & Li, Q. (2020). Estimated Benefits of Incremental Suppression of Covid-19 Spread. *Open Access Library Journal*, 7(8), 1-13.
4. Woo, C. K., Liu, Y., Cao, K. H., and Zarnikau, J. (2020). Can Hong Kong price-manage its public transportation's ridership?. *Case Studies on Transport Policy* [Impact factor = 1.04].
<https://doi.org/10.1016/j.cstp.2020.07.017>.
5. Cao, K.H., Li, Q., Liu, Y., and Woo, C.K. (2020). Covid-19's adverse effects on a stock market index. *Applied Economics Letters* [SSCI], 1-5. <https://doi.org/10.1080/13504851.2020.1803481>.
6. Chiu, M.M., Woo, C.K., Shiu, A., Liu, Y. and Luo, X. (2019). Reducing costly free-rider effects via OASIS. *International Journal of Comparative Education and Development*, 22(1), 30-48.
7. Woo, C.K., Shiu, A., and Chiu, M.M., and Liu, Y. (2018). Empirics of an Online Assessment System for Individual Scores (OASIS). *Asian Journal of Educational Research*, 6(2), 16-42.
8. Woo, C.K., Liu, Y., Zarnikau, J., Shiu, A., and Luo, X. (2018). Price elasticities of retail energy demands in the United States: New evidence from a panel of monthly data for 2001 - 2016. *Applied Energy* [Impact factor = 8.85], 222, 460-474.
9. Woo, C.K., Zarnikau, J., Chen, Y., Olson, A., Moore, J., Ho, T., Liu, Y., and Luo, X. (2018). An empirical analysis of California's hybrid capacity options. *The Electricity Journal*, 31(2), 7-12.
10. Woo, C.K., Shiu, A., Liu, Y., Luo, X., and Zarnikau, J. (2018). Consumption effects of an electricity decarbonization policy: Hong Kong. *Energy* [Impact factor = 6.08], 144, 887-902.
11. Woo, C.K., Liu, Y., Luo, X., Shiu, A., and Zarnikau, J. (2017). Consumption effects of electricity decarbonization: Evidence from California and the Pacific Northwest. *The Electricity Journal*, 30(10), 44-49.
12. Liu, Y., and Woo, C.K. (2017) California's renewable generation and pumped hydro storage's profitability. *The Electricity Journal*, 30(3), 15-22.
13. Liu, Y., Woo, C.K., and Zarnikau, J. (2017). Wind generation's effect on the *ex post* variable profit of compressed air energy storage: Evidence from Texas. *Journal of Energy Storage* [Impact factor = 3.76], 9, 25-39.
14. Liu, Y., Woo, C.K., and Zarnikau J. (2016). *Ex post* payoffs of a tolling agreement for natural-gas-fired generation in Texas. *Journal of Energy Markets*, 9(1), 21-45.
15. Liu, Y., and Zhao, D.A. (2012). Study of Technical Innovation Strategy for Manufacturers Based on the Self-organization Rationale. *Journal of Nanjing University of Technology (Social Science Edition)*, 11(4), 85-91. (In Chinese)

16. Wang, W.X., **Liu, Y.**, and Zhao, D.A. (2012). An Empirical Study on Higher Vocational Education, Manufacturing Industrial Cluster and Industrial Upgrade in the Yangtze River Delta. *East China Economic Management*, (8), 35-38. (In Chinese)

PROFESSIONAL SERVICES

Ad-hoc Reviewer: *The Energy Journal* | *Energy* | *Applied Energy* | *China: An International Journal*

Program committee member: Master of Finance (MoF), School of Accounting and Finance, PolyU

GRANTS

2021: PolyU FB, FB Research Productivity Reward Scheme for Non-UTD Journal Publications (HK\$13,600)

2020: PolyU AF, Learning and Teaching Enhancement Grants for the project “Construction of virtual tutorials to enhance teaching and learning of AF1605 Introduction to Economics” (PI, HK\$12,000)

HONORS & AWARDS

Gold Medal , 2021 Inventions Geneva Evaluation Days	2021
Gold Medal , 2020 International Innovation and Invention Competition (IIIC)	2020
Scholastic Award , HKBU	2013
Distinction Scholarship , HKBU	2013
Postgraduate Studentships , HKBU	2013-2016
National Scholarship , Ministry of Education of China	2011

COMMUNITY SERVICES

ASSOCIATION OF HONG KONG NANTONG YOUTH	Hong Kong
<i>Chairman</i>	2018-Present
HONG KONG ASIA YOUTH ASSOCIATION	Hong Kong
<i>Vice President</i>	2018-Present
FEDERATION OF HONG KONG JIANGSU YOUTH	Hong Kong
<i>Standing Board Member</i>	2016-Present

ADDITIONAL INFORMATION

Language

Mandarin | English | Japanese (Japanese Language Proficiency Test (JLPT) N2) | Cantonese

IT

SAS | STATA | Eviews | Matlab | SPSS | Tableau | Python

Adobe Photoshop | Adobe Lightroom

Diving

Diving Master (in progress) | Rescue, Dry Suit, and Nitrox Diver | Certified Shark Handler