Yong (Jimmy) JIN

Contact Information

M507D, Li Ka Shing Tower
Hong Kong Polytechnic University
Kowloon, Hong Kong

Phone: (852) 2766-5612
E-mail: jimmy.jin@polyu.edu.hk

Research Interests

FinTech, Investment, Derivatives, Equity Issuance, Market Microstructure

Employment

The Hong Kong Polytechnic University, Hung Hom, Hong Kong — 2016 - Present
Assistant Professor, School of Accounting & Finance

University of Florida, Gainesville, Florida — 2014-2016
Lecturer, Department of Finance, Insurance & Real Estate

Morgan Stanley, Strats & Modeling, New York — 2015
Quantitative Associate

Education

University of Florida, Gainesville, Florida — 2016
Warrington College of Business Administration
Ph.D. in Business Administration (Finance)
Ph.D. in Quantitative Finance

MIT Sloan School of Management — 2018 (expected)
Executive Certificate in Artificial Intelligence: Implications for Business Strategy

The Chinese University of Hong Kong, Shatin, Hong Kong SAR
M.Phil. in Risk Management Science — 2012
B.Sc.(Hons) in Risk Management Science, minor in Mathematics — 2010

University of Toronto, St. George, Toronto, Ontario CA — 2008
Exchange Student

Nanyang Technological University, Singapore — 2008
TF-NTU LEaRN Scholar

Publications

1. "CVaR-LASSO Enhanced Index Replication (CLEIR): Outperforming by Minimizing Downside Risk", with B. Gendreau, M. Nimalendran and X. Zhong, *Applied Economics*, May (2019), 1–15.
2. "Joint Price and Quality Decisions Considering Chinese Customers Variety Seeking Behavior" with L. Chen, Y. Liu and B. Niu, *International Journal of Production Economics*, July (2019), Vol 213, 97-107.
3. "Optimal Distribution Channel Strategy for Enterprise Software", with K. Cheng and S. Li, *Production and Operations Management*, November (2018), Vol 27 (11), 1928-1939.
4. "Financial Constraints and Synergy Gains from Mergers and Acquisitions", with Y. Duan, *Journal of International Financial Management & Accounting*, February (2019), Vol 30, 60-82.
5. "A Comprehensive Study on Smart Beta Strategies in the A-share Market", with L. Cai, Q. Qi and X. Xu, *Applied Economics*, September (2018), Vol 50:55, 6024-6033.
6. "The Power of the "Like" Button: Social Media Effect on Box Office," with C. Ding, Y. Duan and K. Cheng, *Decision Support Systems*, February (2017), Vol 94, 77–84.
7. "On Empirical Likelihood Option Pricing," with J. Cao, W. Zheng and X. Zhong, *The Journal of Risk*, June (2017), Vol 19, 41–53.
8. "International Diversification through iShares and Their Rivals," with J. Cao and R. Fu, *The Journal of Risk*, February (2017), Vol 19 (3), 25–55.
   – SSRN's Top Ten Download List

9. "Beat Equal Weighting: A Strategy for Portfolio Optimisation," with L. Wang, *Risk*, December (2016), 87–91.
10. "Time Average Variance Constant Estimation through Pre-Whitening," with W. Zheng and G. Zhang, *Statistics and Probability Letters*, July (2016), Vol 114, 30–37.
11. "The Transition of Finance: From Reporting the Past to Shaping the Future," with N. Zhong, *PolyU Faculty of Business Magazine*, December (2018), 4–5.
12. "Recommendation as a Service in Mergers and Acquisitions Transactions," with Y. Yang, Y. Ke, W. Wu and K. Lin, forthcoming at *Lecture Notes in Computer Science*, July (2019).

WORKING PAPERS

1. "Optimizing 'Optimal Portfolio Choice'"
2. "An Inconvenient Truth: The Informational Effects of Climate Change Disclosures and SEC FR-82", with W. Liu.
3. "Does the Introduction of One Derivative Affect Another Derivative? The Effect of Credit Default Swaps Trading on Equity Options", with J. Cao, N. Pearson and D. Tang.
   – SSRN's Top Ten Download List
4. "Volatility and Directional Informed Trading and Option Market Microstructure", with M. Nimalendran and S. Ray.
5. "Click to Success? Temporal Effects of Facebook Like on Crowdfunding,", with C. Ding, Y. Duan and K. Cheng, Resubmitted at *Journal of Association of Information Systems*
6. "Facing an Arbitrage Opportunity: Trade or Wait?", with R. Jarrow, H. Li, L. Wei and Y. Guan.
7. "Porting or Not Porting? Availability of Exclusive Games in the Mobile App Market", with Y. Hao and Y. Yang.
8. "To Trump or not to Trump? Impact of Competition on Innovations of IT industry", with T. Chen, K. Cheng, S. Li and L. Qiu, Submitted to *Information Systems Research.*
9. "A General Framework of Bundling of Information Goods", with J. Cao, K. Cheng and X. Mei. Resubmitted at *Management Science.*
11. "A new Sequential Test for Change Point Detection in a Time Series", with C. Yau.
12. "Predicting the Subway Volume using Local Linear Kernel Regression", with J. Cao, C. Ding and Y. Yang.
13. "Do Close Customer-Supplier Relationships Improve Operational Efficiency of Buyers and Suppliers? Industrial and Operating Contexts", with Y. Fan and A. Yeung, Submitted to *Journal of Operations Management.*
14. "Living in a Simulation? An Empirical Investigation of the Smart Driving Test-Simulation System", with W. Bai, R. Liu, X. Xu, and W. Xie, Resubmitted at *Journal of Association of Information Systems.*
15. "The Bright Side of the Big Short: How Financial Innovations Spur Operational Efficiency through Supply Chain Finance", with L. Qiu, R. Liu, Y. Fan and C. Ding, Resubmitted at *Journal of Operations Management.*
16. "What is Hot in Information Systems? Smart Service, Smart Business and Smart Research" with K. Cheng, T. P. Liang, Y. Yang and H. Ying, Solicited by *Journal of Association of Information Systems*
17. "Network effect and tax planning in IT companies' global entry decisions" with Z. Mu, L. Chen, K. Cheng and B. Niu), To be submitted to *Information Systems Research.*

Conference Publications

1. "Porting or Not Porting? Availability of Exclusive Games in the Mobile App Market", with Y. Hao and Y. Yang, *Proceedings of the Pacific Asia Conference of Information Systems (PACIS)*, July (2017), 247.
2. "Predicting the Subway Volume Using Local Linear Kernel Regression", with Y. Yang, J. Cao and C. Ding, *Proceedings of the third Taiwan Summer Workshop on Information Management (TSWIM 2015)*, July (2015).
3. "A new Sequential Test for Change Point Detection in Time Series," with C. Y. Yau and Y. Duan, *Proceedings of the Northeast Business & Economics Association*, October (2013), 100-103.
4. "An online Change-Point Detection Procedure in Time Series," with C. Y. Yau, *Proceedings of the 2nd Annual International Conference on Operations Research and Statistics*, May (2012), 69.

Teaching Experience

Instructor, Hong Kong Polytechnic University — Spring 2017-

AF 5353 Security Analysis and Portfolio Management (MOF, 3 credits).
Average SFQ: 4.8 / 5

AF 5343 Quantitative Methods for Finance (MOF, 3 credits) — Fall 2017
SFQ: 4.6 / 5

AF 4912 Capstone Project (Undergraduate, 6 credits) — 2017-
SFQ: 4.6 / 5

Lecturer, University of Florida — 2014-2016

FIN 4505 Equity and Capital Market (Undergraduate, 4 credits).
Evaluation: 4.81 & 4.60 / 5

QMB 7933 Empirical Methods in Research (Ph.D., 2 credits, Co-Instructor).
Evaluation: 4.80 / 5

- School of Business Ph.D. Outstanding Teaching Award, University of Florida, 2016

Tutorial Instructor, The Chinese University of Hong Kong — 2010-2012
Courses: "Introduction to Stochastic Processes", "Time Series", "Introduction to Risk Management"

Teaching Assistant, University of Florida — 2012-2016
Courses: "Fundamental Review" (DBA), "Security Trading"(MBA), "Corporate Finance"(MBA), "Capital Structure and Risk Management"(MBA), "Derivatives", "Financial Management".

Teaching Assistant, The Chinese University of Hong Kong — 2010-2012
Courses: "Introduction to Stochastic Processes", "Time Series", "Introduction to Risk Management", "Regression in Practice" (M.Sc), "Analysis of Time-to-Event Data"(M.Sc).

Honors and Awards

1. AF Award for Outstanding Performance/Achievement in Teaching — 2019
2. AF Award for Outstanding Performance/Achievement in Teaching (Team) — 2019
3. Faculty of Business Award for Outstanding Performance/Achievement in Service — 2018
4. AF Award for Outstanding Performance/Achievement in Service — 2018
5. Finalist, Best Paper Award, FMA Asia Pacific Conference — 2018
6. Early Career Grant Award, Hong Kong Research Grants Council — 2017
7. Who's Who in America — 2016
8. School of Business Ph.D. Outstanding Teaching Award, University of Florida — 2016
9. Morgan Stanley Prize for Excellence in Financial Markets (1st Runner-up) — 2015
10. AEF Best Ph.D. Paper in Finance — 2015
11. Department Scholarship, University of Florida — 2015
12. Ph.D. Fellowship, University of Florida — 2012-2016
13. Outstanding International Student, University of Florida — 2013
14. *Best Student Paper Award*, 2nd Annual International Conference of Operations Research and Statistics — 2012

15. Postgraduate Studentship, CUHK 2010-2012
16. Yasumoto International Exchange Scholarship 2008
17. Leadership Enrichment and Regional Networking Scholarship, Temasek Foundation-NTU 2008
18. China National Overseas Oil Corporation (CNOOC) Scholarship 2006, 2007
19. Champion & Best Student Team Achievement Award of the Global Management Challenge (GMC), National Hong Kong 2006-2007
20. 10+ Awards / Certificates on Various Extra-Curricular Activities and Community Services in Undergraduate, CUHK 2006-2010

Research Grant

1. Incentive Scheme for UTD Journal Publications (PI; 50,000 HKD) 2019-2022
2. Learning and Teaching Enhancement Grant (Co-I; Title: Incorporate Big Data Analytics and Tools to Auditing Courses; Project No.: XXX; 30,000 HKD) 2019
3. Central Research Grant, PolyU (Project No.: G-YBZV; 200,000 HKD) 2019-2020
4. A Rating System for (Crypto-) Tokens on (Block-chain based) Platforms (Co-I; Project No.: H-ZDBK; 1,500,000 HKD) 2018
5. Learning and Teaching Enhancement Grant (Title: Bring Technology Innovation to Accounting and Finance Students through modern Analytical tools; Project No.: 1.21.xx.8ADP; 25,000 HKD) 2018
6. Hong Kong Research Grant Council (RGC) Early Career Scheme & Early Career Grant (Project No.: 25508217; 460,000 HKD) 2017-2020
7. Block Grant except CRG (Matching Fund) (Project No.: F-PP4G; 41,000 HKD) 2018-2020
8. PolyU AF Departmental Research Grant (Project No.: 1-ZE6V; 500,000 HKD) 2016-2019
9. Montreal Institute of Structured Products & Derivatives (IFSID) Research Grant (Project No.: R1933; 20,000 CAD) 2015-2019
10. AFA Doctoral Student Travel Grant 2015
11. Research and Travel Support Funds, Warrington College, University of Florida 2012-2016
12. Graduate Student Council Travel Grant, University of Florida 2013
13. CUHK Research Postgraduate Student Grants 2012

Conference and Presentations

Presentations:

CWEIST*, HCII* 2019

INFORMS International*, POMS*, INFORMS*, DSI*, National Sun Yat-sen University, Wuhan University, FMA Asia Pacific 2018

FIRS, Fudan University, Xi'an Jiaotong University, Universiti Sains Malaysia, PACIS, FMA, University of Houston*, Deutsche Bank dbAccess Global Quant Conference 2017

Nanyang Technological University, University of Hong Kong, University Technology Sydney, The Chinese University of Hong Kong*, Hong Kong Polytechnic University, Central University of Finance and Economics*, University of International Business and Economics, Shanghai Jiao Tong University*, Singapore Management University, National Sun Yat-sen University, Yinhua Fund Management, Minsheng Royal Fund Management, China Derivatives Markets Conference*, NUS Risk Management Conference, Hong Kong Joint Finance Research Workshop, MFA, FMA Europe*, FMA Asia Pacific, CICF, EFA, IFSID*, Shanghai Risk Forum*, SFM 2016

Morgan Stanley Strats & Modeling (3), 11th Annual Conference of the Asia-Pacific Association of Derivatives*, TSWIM*, University of Hong Kong*, AEF 2015

Nanjing University*, University of Florida, FMA, EFA, INFORMS*, DSI, ISIMF* 2014

University of Florida*, Babson College*, NBEA 2013

2^{nd} International Annual Conference of Operations Research and Statistics, The Chinese University of Hong Kong 2012

The First Wuxi International Statistics Forum 2011

$*$ by coauthor.

Student Supervision

Hong Kong Polytechnic University

- David Pecha, Ph.D., Co-Supervisor, Placement: Assistant Professor, University of Southern Denmark 2018
- Qiulin Qi, M.Fin., Supervisor, Placement: Quantitative Trader, Fuji Investment Ltd 2017
- Lei Xie, DMgt, Co-supervisor, Viva passed 2017-
- Xi (Walter) Yao, DBA, Co-supervisor, Viva passed 2017-
- Ruiqi Liu, Ph.D., Chief supervisor 2018-

Services

Hong Kong Polytechnic University

- Faculty Coordinator for Fund-raising and Development, Faculty of Business 2017-
- Member, Faculty Management Committee 2017-
- Member, Service Council, School of Accounting and Finance 2016-
- PR Coordinator, School of Accounting and Finance 2017-
- Academic Advisor, AF Research Office 2017-
- Member, Fun Teaching Committee, School of Accounting and Finance 2016-
- Panel Member for Admission Interview for the FB's Broad Discipline (BD) programme 2017-
- Member, Planning Committee on BBA(Hons) in Accounting and Financial Technology 2017-2018
- Member, Proposed Programme Planning Committee on MSc in Accounting and Financial Analytics 2017-2018
- Member, Proposed Programme Planning Committee on China MBA 2018-

Profession

- Co-Chair, 5^{th} Hong Kong Joint Finance Research Workshop, 2018 PolyU-AIS Research Workshop, 2019 PolyU-AIS Research Workshop
- Editorial Review Board: Journal of the Association for Information System Special Issue (2018); Journal of the Association for Information System (2019-)
- Conference Committee Member: FMA Asia (2017, 2018), Hong Kong Joint Finance Research Workshop (2018, 2019)
- Referee: Journal of Financial Markets; Journal of Financial Econometrics (2); International Journal of Bonds and Derivatives; MIS Quarterly; Journal of the Association for Information System; International Review of Finance (3), Quantitative Finance, Production and Operations Management
- Conference Reviewer: EFA (2014, 2015), EFMA (2013, 2014), FMA Asia (2017, 2018), JLFA (2017), ICIS (2018, 2019)
- Discussion: FMA (3), NUS Risk Management Conference, SFM, FMA Asia (2), ICAFEL

Community

Council Member, Haishu Residents Association 2017

Professional Experience

Strats & Modeling, Morgan Stanley, New York 2015
Quantitative Associate

Investment Banking Division (IBD), ICBC International Capital Limited, Hong Kong
Summer Analyst 2009
IPO Project: Sundart International Holdings Limited (2288.HK)

Professional Affiliation and Others

- Member, American Finance Association
- Member, European Finance Association
- Member, Financial Management Association
- Member, Association of Information Systems
- Member, Production and Operations Management Society
- Member, Institute of Mathematical Statistics
- Financial Risk Manager, Global Association of Risk Professionals
- External Vice President, The Science Society, The Chinese University of Hong Kong (2007-2008)

Software and Database

- Languages: SAS, Stata, R/S+, C, AMOS, VBA, PHP, MATLAB, Pascal.
- Databases: CRSP, COMPUSTAT, Bloomberg, TAQ, I/B/E/S, OptionMetrics, SDC Platinum, OPRA Option, Factiva.

- Others: LaTeX, UNIX/LINUX System.

Additional Information

- Languages: English (Fluent), Mandarin (Native), Cantonese (Fluent)
- Interests: Saxophone, Music, Magic

Other Publications

A Midsummer Night's Dream, Mendelssohn and Me, *One-Era,* **1,** pp. 14-15.
Beyond the Classroom, *Compass for Incoming Students, CUHK,* **2011-12,** pp. 39-41.