

# LIN WILLIAM CONG

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## APPOINTMENTS & POSITIONS

### **Cornell University**

- 2019–Present Rudd Family Professor of Management & Associate Professor of Finance  
(Tenured in 2021 and with additional course instruction for Cornell Tech since 2022)  
Samuel Curtis Johnson Graduate School of Management, SC Johnson College of Business
- 2020–Present Founding Faculty Director, FinTech Initiative @ Cornell
- 2022–2023 Clifford H. Whitcomb Faculty Fellow
- 2022–Present Advisory Council, Cornell AI Initiative | Radical Collaboration in AI
- 2022–Present Academic Advisory Board, The Emerging Market Institute (EMI)
- 2021–Present Faculty Member, Graduate Field of Applied Economics and Management
- 2020–Present Faculty Member, Graduate Field of Economics and Graduate Field of Management
- 2020–Present Faculty Affiliate, Cornell Center for Social Sciences
- 2019–Present Faculty Affiliate, Cornell Institute for China Economic Research

### **University of Chicago**

- 2014–2019 Assistant Professor of Finance, Booth School of Business
- 2015–2019 Faculty Member, the Center for East Asian Studies

### **National Bureau of Economic Research (NBER)**

- 2022–Present Research Associate (Asset Pricing)

### **Editorial Appointments**

- Management Science*: Department Editor (Finance), 2022–Present | Associate Editor, 2020–2023  
Co-Editor, Special Issue on “Blockchain and Crypto Economics,” 2020–2023  
Guest Editor, Special Issue on “The Human-Algorithm Connection,” 2023
- Research Policy*: Special Issue on “The Coevolution of Financial and Technological Innovations”  
(Guest) Co-Editor, 2023–Present
- Journal of Portfolio Management*: Advisory Board, 2023–Present
- Journal of Financial Data Science*: Advisory Board, 2023–Present
- Journal of Financial Intermediation*: Associate Editor, 2022–Present
- World Scientific Annual Review of Fintech*: Advisory Board, 2022–Present
- Journal of Financial Stability*: Special Issue on “FinTech and Central Bank Digital Currencies”:  
(Guest) Co-Editor, 2022–Present
- China Finance Review International (CFRI)*: Advisory Board, 2022–Present
- Journal of Corporate Finance*: Associate Editor, 2020–2023
- Journal of Banking and Finance*: Associate Editor, 2020–2023
- VOX China*: Editorial Board, 2017–Present

### **Policy and Industry Advisory/Consulting Engagements**

- 2023–Present Testifying Expert for the SEC, IntegraFEC
- 2022–Present Advisory Board (Financial Innovation)  
The New York State Department of Financial Services’ (NYDFS)
- 2022–Present Departmental Special Advisor (Digital Currencies, ML, & AI Consulting), Bank of Canada
- 2022–Present Academic Advisor (Token Taxonomy), Ava Labs
- 2022–2025 9-Member International Education Governing Council, SingChin Academy
- 2021–Present Inaugural Senior Economic Advisor and Senior Economist, Chainlink Labs
- 2021–Present Research Advisor (AI Investment Strategies), BlackRock, Inc.
- 2021–2022 Advisor, Modular Asset Management, Singapore
- 2015–2021 Advisory Board, Wall Street Blockchain Alliance (Non-profit)
- 2015–2020 Consultant, Ansatz Capital, New York
- 2015–2019 Advisor, DataYes Inc.
- 2015–2018 Advisor, Amino Capital, Palo Alto
- 2015–2017 Advisor, String Labs (Incubator for Dfinity)

### **Other Academic Affiliations, Visiting Positions, & Professional Services**

- May/June 2024 & September 2023 HSBC Visiting Professor of Finance  
University of British Columbia Sauder School of Business
- 2023–Present Faculty/Scientist, The Initiative for Crypto Currencies and Contracts (IC3)

2023–Present June 2023	Member, FinTech Education & Research 50 Forum (金融科技教与研 50 人论坛) Visiting Professor/Fellow, Advanced Financial Technology Lab Stanford University Management Science and Engineering (MS&E)
2022–Present	Fellow, Asian Bureau of Finance and Economic Research (ABFER)
2022–Present	Advisory Committee, AI and Big Data in Finance Research (ABFR) Forum
2022–Present	Special-Term Professor, Tsinghua University PBC School of Finance
2022–Present	Special-Term Visiting Professor, Peking University Guanghua School of Management
2022–Present	Academic Committee, Zhejiang University International Business School Academy of Internet Finance
2022–Present	Fellow, Crypto & Blockchain Economics Research (CBER) Forum
2021–Present	Advisor, Research Center for Digital Financial Assets, SEM Tsinghua University
2021–Present	Member, the Finance, Organizations and Markets (FOM) Research Group
2021–2022	Co-founder & Co-organizer, AI and Big Data in Finance Research (ABFR) Forum
2020–Present	Co-founder & Steering Committee, Crypto & Blockchain Economics Research Forum
2020–Present	Fellow, Luohan Academy, Alibaba Group
2018–Present	Academic Committee, Xinyuan FinTech Center, Tsinghua University PBCSF
2014–Present	Member, Finance Theory Group

## EDUCATION

### **Stanford University**

2009–2014	Ph.D. in Finance, Graduate School of Business Dissertation: Essays in Corporate Finance and Dynamic Investment
2012–2013	MS in Statistics, Department of Statistics Areas: Probability Theory, Statistical Learning, & Data Science

### **Harvard University**

2008–2009	A.M. in Physics (Ph.D. required sequence completed), Graduate School of Arts & Sciences Areas: Condensed Matter Physics, Geophysics, & Quantum Information Theory
2005–2009	A.B. in Math & Physics (Double Major), Economics (Secondary Field), Harvard College Ranked 1 <sup>st</sup> in the Graduating Class of Physics (and Chemistry) Concentrators, French Language Citation, Highest English Honor, <i>summa cum laude</i>

## SELECT RESEARCH PUBLICATIONS (Full list available [here](#))

- “Blockchain Disruption and Smart Contracts” (with Zhiguo He), *Review of Financial Studies*, Vol. 32/5 (2019), pp. 1754-1797.
- “Credit Allocation Under Economic Stimulus: Evidence from China” (with Haoyu Gao, Jacopo Ponticelli, & Xiaoguang Yang), *Review of Financial Studies*, Vol. 32/9, (2019), pp. 3412-3460.
- “Dynamic Interventions and Informational Linkages” (with Steven Grenadier & Yunzhi Hu), *Journal of Financial Economics*, Vol. 135/1, (2020), pp. 1-15.
- “Timing of Auctions of Real Options,” *Management Science*, Vol. 66/9, pp. 3799-4358, iii-iv, (2020)
- “Financing Entrepreneurship and Innovation in China” (with Charles M.C. Lee, Yuanyu Qu, and Tao Shen), *Foundations and Trends® in Entrepreneurship*, Vol. 16/1, (2020), pp. 1-64.
- “Persuasion in Relationship Finance” (with Ehsan Azarmsa), *Journal of Financial Economics*, Vol. 138/3, pp. 818-837, (2020).
- “Blockchain Architecture for Auditing Automation and Trust-building in Public Markets” (with Sean Cao, Meng Han, Qixuan Hou, & Baozhong Yang), *IEEE Computer*, Vol. 53/7, July (2020), pp 20-28.
- “Deep Sequence Modeling: Development and Applications in Asset Pricing” (with Ke Tang, Jingyuan Wang, & Yang Zhang), *Journal of Financial Data Science*, Vol. 3/1, (2021), pp 28-42.
- “Decentralized Mining in Centralized Pools” (with Zhiguo He & Jiasun Li), *Review of Financial Studies*, Vol. 34/3, (2021), pp. 1191-1235.
- “Policy Uncertainty and Innovation: Evidence from IPO Interventions in China” (with Sabrina Howell), *Management Science*, Vol. 67/11, (2021), pp. 7238-7261.
- “Tokenomics: Dynamic Adoption and Valuation” (with Ye Li & Neng Wang), *Review of Financial Studies*, [Editor’s Choice], Vol. 34/3, (2021), pp. 1105-1155.
- “Knowledge Accumulation, Privacy, and Growth in a Data Economy” (with Danxia Xie & Longtian Zhang), *Management Science*, Vol. 67/10, (2021), pp. 6480-6492.
- “Persistent Blessings of Luck: Theory and an Application to Venture Capital” (with Yizhou Xiao), *Review of Financial Studies*, Vol. 35/3, (2022), pp. 1183-1221.

- “Token-Based Platform Finance” (with Ye Li & Neng Wang), *Journal of Financial Economics*, Vol. 144/3, (2022), pp. 972-991.
- “Endogenous Growth Under Multiple Uses of Data” (with Wenshi Wei, Danxia Xie, & Longtian Zhang), *Journal of Economic Dynamics and Control*, Vol. 141 August, (2022), pp. 104395.
- “RIM-based Value Premium and Factor Pricing Using Value-Price Divergence” (with Nathan Darden George & Guojun Wang), *Journal of Banking and Finance*, Vol. 149, (2023), 106812
- “Information Cascades and Threshold Implementation: Theory and An Application to Crowdfunding” (with Yizhou Xiao), (2023), *Forthcoming, Journal of Finance*.
- “Crypto Wash Trading” (with Xi Li, Ke Tang, & Yang Yang), *Forthcoming, Management Science*
- “Tax-Loss Harvesting with Cryptocurrencies” (with Wayne Landsman, Edward Maydew, & Daniel Rabetti), *Journal of Accounting and Economics*. Vol. 76(2-3), (2023)
- “Scaling Smart Contracts via Layer-2 Technologies: Some Empirical Evidence” (with Xiang Hui, Catherine Tucker, & Luofeng Zhou), (2023), *Forthcoming, Management Science*.
- “Advances in Blockchain and Crypto Economics” (with Bruno Biais, Agostino Capponi, Vishal Gaur, & Kay Giesecke), *Forthcoming, Management Science* Special Issue Editorial,

## BOOKS & BOOK CHAPTERS

- “A Brief Introduction to Blockchain Economics” (with Long Chen & Yizhou Xiao), Chapter 1 in *Information for Efficient Decision Making: Big Data, Blockchain and Relevance*, edited by Kashi Balachandran, World Scientific Publishers (December 2020), pp1-40.
- “Analyzing Textual Information at Scale” (with Tengyuan Liang, Baozhong Yang, & Xiao Zhang), Chapter 10 in *Information for Efficient Decision Making: Big Data, Blockchain and Relevance*, edited by Kashi Balachandran, World Scientific Publishers (December 2020), pp 239-271.
- “Alternative Data in FinTech and Business Intelligence” (with Beibei Li & Tony Zhang), Book Chapter in *Palgrave Handbook of FinTech and Blockchain*, edited by Maurizio Pompella and Roman Matousek, Palgrave MacMillan (2021), pp 217-242.
- “Categories and Functions of Crypto-Tokens” (with Yizhou Xiao), Book Chapter in *Palgrave Handbook of FinTech and Blockchain*, edited by Maurizio Pompella and Roman Matousek, Palgrave MacMillan (2021), pp 267-284.
- “Educating Entrepreneurs and Financing Innovation in Asia” (with Fei Yan, Yong Suk Lee, Charles Eesley, and Charles M.C. Lee), Book Chapter in *Drivers of Innovation: Entrepreneurship, Education, and Finance in Asia*, Lee, Yong Suk, and Fei Yan, eds, Stanford University, CA. Shorenstein Asia-Pacific Research Center Series with Brookings Institution Press (September 2022), Chapter 1.
- “Financing Innovative Enterprises in China: A Public Policy Perspective” (with Charles M.C. Lee, Yuanyu Qu, and Tao Shen), Book Chapter in *Drivers of Innovation: Entrepreneurship, Education, and Finance in Asia*, Lee, Yong Suk, and Fei Yan, eds, Stanford University, CA. Shorenstein Asia-Pacific Research Center Series with Brookings Institution Press (September 2022), Chapter 11.
- “数字化与创业 (Digitization and Entrepreneurship).” Book Chapter in *Digital Economy Development & Governance*, Xiaojuan Wang eds, CITIC Press 中信出版集团 数字经济发展与治理 (August 2023), pp 104-120.
- “A Brief Introduction to Digital Payments and Tokenomics” (with David Easley & Eswar Prasad), Book Chapter in *Oxford Research Encyclopedia of Economics and Finance*, (2023), *Under Preparation*.
- “Blockchain Forensics and Crypto-Related Cybercrimes” (with Kim Grauer, Daniel Rabetti, & Henry Updegrave), *Working Handbook*.

## WORKING PAPERS

- “Auctions of Real Options,” (2018), *R&R, Management Science*.
- “Textual Factors: A Scalable, Interpretable, and Data-driven Approach to Analyzing Unstructured Information” (with Tengyuan Liang & Xiao Zhang), (2020), *R&R, Management Science*.
- “Liquidity-Managed Factor Investing as Passive Investing: Asset Pricing and Security Design Implications” (with Shiyang Huang & Douglas Xun Xu), (2020), *R&R, Journal of Finance*.
- “SMEs Amidst the Pandemic and Reopening: Digital Edge and Transformation” (with Xiaohan Yang & Xiaobo Zhang), (2021), *R&R, Management Science*.
- “The Rise of E-Wallets and Buy-Now-Pay-Later: Payment Competition, Credit Expansion, and Consumer Behavior” (with Wenlong Bian & Ji Yang), *Resubmission Invited, Journal of Financial Economics*.
- “Financial Technology for Financial Intermediation” (with Jingtao Zheng), (2024), *under preparation*,

### ***Annual Review of Financial Economics.***

- “A Model of Influencer Economy” (with Siguang Li), (2022), *R&R, Journal of Economic Theory*.
- “Financial Reporting and Blockchains: Pricing, Misstatements, and Regulation” (with Sean Cao & Baozhong Yang), (2019), *Resubmission Invited, Management Science*.
- “An Anatomy of Crypto-Enabled Cybercrimes” (with Campbell R. Harvey, Daniel Rabetti, & Zong-Yu Wu), (2021), *Working Paper*
- “Value Premium, Network Adoption, and Factor Pricing of Crypto Assets” (with Andrew Karolyi, Ke Tang, & Weiyi Zhao), (2021), *Working Paper*
- “AlphaPortfolio: Direct Construction Through Deep Reinforcement Learning and Interpretable AI” (with Ke Tang, Jingyuan Wang, & Yang Zhang), (2020), *Working Paper*.
- “Costly Learning and Agency Conflicts in Investments Under Uncertainty,” (2012), *Working Paper*.
- “Asymmetric Cross-Side Network Effects on Financial Platforms: Theory and Evidence from Marketplace Lending” (with Ke Tang, Danxia Xie, & Qi Miao), (2020), *Working Paper*.
- “An AI-assisted Economic Model of Endogenous Mobility and Infectious Diseases: The Case of COVID-19 in the United States” (with Ke Tang, Bing Wang, & Jingyuan Wang), (2021), *Working Paper*.
- “Growing the Efficient Frontier on Panel Trees” (with Gavin Feng, Jingyu He, & Xin He), (2021), *Working Paper*.
- “The Tokenomics of Staking” (with Zhiheng He & Ke Tang), (2021), *Working Paper*
- “The Coming Battle of Digital Currencies” (with Simon Mayer), (2021), *Working Paper*.
- “Antitrust, Regulation, and User Union in the Era of Digital Platforms and Big Data” (with Simon Mayer), *Working Paper*
- “Inclusion and Democratization Through Web3 and DeFi? Initial Evidence from the Ethereum Ecosystem” (with Ke Tang, Yanxin Wang, & Xi Zhao), *Working Paper*.
- “Risk-taking and Income Inequality in (Dis)Integrated Markets” (with Ron Kaniel & Yizhou Xiao), *Working Paper*.
- “Digital Platforms and the Real Economy: Regional Entrepreneurship and Industrial Development” (with Jacopo Ponticelli, Xiaohan Yang, & Xiaobo Zhang), *Work in Progress*.
- “Bridging the Gender Gap in Entrepreneurship and Empowering Women via Digital Technologies” (with Bo Liu, Xiaohan Yang, & Xiaobo Zhang), *Work in Progress*.
- “Financial and Informational Integration Through Oracle Networks” (with Eswar Prasad & Daniel Rabetti), *Working Paper*.
- “Sparse Modeling Under Grouped Heterogeneity with an Application to Asset Pricing” (with Gavin Feng, Jingyu He, & Junye Li), *Working Paper*.
- “Production, Trade, and Cross-Border Data Flows” (with Qing Chang, Liyong Wang, & Longtian Zhang), *Working Paper*.
- “Firm Disclosure Under Relationship Lending: Theory and Evidence from PPP Loans” (with Daniel Rabetti), *Working Paper*.
- “Inflation Expectation and Cryptocurrency Investment” (with Pulak Ghosh, Jiasun Li, and Qihong Ruan), *Working Paper*.
- “Amusing Ourselves to Death? A Theory of Educational Externality and Anti-Intellectual Influence” (with Siguang Li), *Working Paper*.

### TEACHING EXPERIENCE

Cornell University, Samuel Curtis Johnson Graduate School of Management

NBAE 5600: Introduction to FinTech, Finnovation, & Finalytics (Executive MBA elective, 2020-2023)

BANA 5250: Machine Learning for Investment (MSBA elective, Spring 2023)

NBAT 5900: Advanced Topics in Finance (Cornell-Tsinghua MBA/FMBA Dual-Degree, 2021-2023)

MBA Directed Readings (1.5+2.5 Units, Spring 2022; 1.5 Units, Spring 2023)

NBA 5600 | NBAY 5610: Demystifying Big Data and FinTech

(MBA elective, 2020-2022; Cornell Tech MBA elective, 2022)

NCC 5060 & NCCY 5060 & LAW 6652: Managerial Finance (Summer 2020 & 2021)

University of Chicago Booth School of Business

BUSF 35125: Quantamental Investment (2015, 2016, 2018, 2019)

BUSE 35125: Quantamental Investment Lab (2015)

Other Workshops & Teaching Engagements

Ph.D. Elective COMM 590A “Digital Economics, FinTech, and AI in Finance” at UBC Sauder, 2023-2024

Data Economy Research Summer School, Lecturer (数字经济暑期学术研讨会讲师), July 17-23, 2023

jointly organized by CUHK Shenzhen Business School (香港中文大学(深圳)经管学院), Shenzhen

Finance Institute (深圳高等金融研究院), and Shenzhen Institute of Data Economy (深圳数据经济研究院)  
 Jiang Xuemo Lectures (workshop for doctoral and research master students), Fall 2023  
 Fudan University School of Economics  
 Gerzensee Advanced Courses in Economics for Doctoral Students and Faculty Members, Aug 2003  
 Digital Economics, FinTech, and AI in Finance  
 The Study Center Gerzensee, Foundation of the Swiss National Bank  
 ACEM Doctoral Students Summer Research Workshop, Summer 2022  
 Shanghai Jiao Tong University Antai College of Economics and Management.  
 Guest Lectures and Interviews: MIT Sloan, Wharton  
 Executive/Industry/Policy Workshops and Training Programs (One-off)  
 Research Work Session, Monetary Authority of Singapore (MAS), (2024)  
 USAO-N.D. Cal. / U.S. DOJ Fraud Section / National Cryptocurrency Enforcement Team  
 Cryptocurrency Fraud Seminar (2023)  
 Cornell University XED Digital Business Leadership Program, Five Cohorts (2021-2023)  
 eCornell-Eruditus Executive Education-RMB: Leading in the Digital Financial Services World (2022)  
 The Future of Financial Services and the Fintech Ecosystem  
 Cornell University XED WNS Financial Leaders Program (2021)  
 Asset Management Association of China: “Quantamental Investment” + “Financial Technology and  
 Financial Analytics,” Clinic for Fund Executives (2016-2018)  
 DataYes & KDD China: “Blockchain Economics and Applications” + “Unstructured Data Analytics,”  
 FinTech x AI Advanced Workshop (2018)  
 Amino Capital: Entrepreneurial Finance and FinTech Clinic for Entrepreneurs and Investors (2017)

## KEYNOTES & PUBLIC LECTURES

Keynote Speech, 2 <sup>nd</sup> Torino Decentralized Finance (ToDeFi) Conference	2024
Keynote Speaker, Symposium on World Economics, Finance and Business (Singapore)	2024
Invited Speaker, RUC Mundell-Huang Da Lectures on Economics (黄达-蒙代尔讲座)	2024
Keynote Speaker, 9 <sup>th</sup> Crypto Finance Conference in St. Moritz (CfC St. MORITZ)	2024
Keynote Speaker and Tutorial, ESSEC-NUS Conference on Financial Data Analytics	2024
Keynote Speaker, International Forum on “CBDCs, FinTech, and Digital Finance”	2023
The 36 <sup>th</sup> Australasian Banking and Finance Conference (Sydney)	
Keynote Speaker, BenchCouncil IC 2023 International Conference on AI in Finance	2023
International Symposium on Intelligent Computers Algorithms and Applications	
Keynote, The 4th International FinTech Research Forum, RUC School of Finance	2023
Keynote Speaker, 4th ACM International Conference on AI in Finance	2023
Workshop on "Machine Learning for Investor Modelling and Recommender"	
Keynote Speaker, 4 <sup>th</sup> GSU-RFS FinTech Conference	2023
Invited Speaker, FMA Annual Meetings Overview & Research (O&R) Ideas Session	2023
Keynote, 2 <sup>nd</sup> Intl. Meet on Applied Science, Engineering & Technology (Vancouver)	2023
Keynote Speaker, Wolfram ChainScience Conference (Boston)	2023
Keynote, Tongji Finance Symposium "New and Important Issues in Financial Markets"	2023
Keynote Speech, The 5 <sup>th</sup> Shanghai Financial Forefront Symposium	2023
Opening Keynote, UC Berkeley (MFE) Financial Innovation Conference	2023
Keynote Address, XJTU AI & Big Data in Acct & Fin Research Conference	2023
Keynote, International Conf. on Intelligent Computing & Machine Learning (2ICML)	2023
Opening Keynote, 9 <sup>th</sup> Global Conference on Business Management and Social Science	2023
After Dinner Speech, The Economic Club of Memphis Member Meeting	2023
Alumni Representative Speech, Founder’s Day, Singapore Hwa Chong & Guangzhou SCA	2023
Keynote Speaker, The Mid-South DATA Conference	2023
Keynote, Cambridge University Algorithmic Trading Society Annual Quant Conference	2023
Keynote, 1 <sup>st</sup> China Academic Conf. on Digital Economy Development & Governance	2023
Speaker, HKU-SCF FinTech Academy Distinguished Lecture, University of Hong Kong	2023
Standard Chartered Hong Kong 150th Anniversary Community Foundation	
eCornell Keynotes, Legal and Regulatory Challenges in FinTech and Blockchain	2023
Keynote Speaker, 8 <sup>th</sup> Global Blockchain Summit, “Blockchain New Economy”	2022
Speaker, Faculty Spotlights, Cornell Trustee-Council Annual Meeting (TCAM)	2022
Keynote Speaker, 2 <sup>nd</sup> Conference on FinTech, Innovation and Development	2022
Theme 2022: Financing Technological Innovation	

Academic Lecture and Public Keynote, Inaugural Digital Finance Conference (Seoul)	2022
Keynote, 10 <sup>th</sup> Annual Workshop of Business Financing and Banking Research Group (USyd)	2022
Keynote Speaker, Conference on “The Impact of Fintech and Climate Change on Agricultural Finance and Investment” (China)	2022
Keynote Speech, International Conference on FinTech and Digital Finance	2022
Keynote Address, Inaugural Cardiff FinTech Conference (UK)	2022
Keynote Speaker, The 3 <sup>rd</sup> Frontiers of Factor Investing Conference, Lancaster, UK	2022
Keynote Address, Inaugural Blockchain & Cryptocurrency Congress (B2C), Barcelona	2022
Keynote Speaker, ACEM Doctoral Student Forum (Shanghai)	2022
Keynote Speaker, Cornell Asia-Pacific Leadership Conference	2022
Keynote Panel, The Latest and Greatest of Blockchain, CFA Chicago	2022
Public Lecture, QingYuan Academy Digital Social Science Series, Zhejiang University	2022
Keynote Speech, Computing (formerly Science and Information) Conference, London	2022
Keynote Speaker, Conference for Fintech, AI, and Big Data in Business, HK	2022
Keynote Speech, The 4 <sup>th</sup> Greater China Finance Conference	2022
Keynote Address, Amino Capital Annual End-of-Year Conference (Oahu)	2021
Keynote Speaker, TCS Forum on “Future of Finance for Technology Industry”	2021
Keynote Speaker, Conference on FinTech, Innovation and Development Theme 2021: Innovation of FinTech and Entrepreneurial Finance	2021
Faculty Panelist, Cornell Johnson Graduate School of Management 75 <sup>th</sup> Anniversary	2021
Keynote Speaker, Money and Technology Summit “Future of Money”	2021
Keynote Speaker, 5th International Blockchain Congress (Blockress)	2021
Subforum Keynote, BenchCouncil International Symposium on Financial Technology	2020
Forum Keynote, Global Digital Economy Summit for Small and Medium Enterprises	2020
Faculty Speaker, Cornell University Reunion and eCornell Keynotes	2020
Special Closing Keynote, IIF International Research Conference & Award Summit	2020
Keynote Speaker, the Third International Blockchain Congress	2019
Keynote Speaker, Tokenomics: Intl. Conf. on Blockchain Econ., Security, & Protocols	2019

SELECT HONORS, GRANTS, & AWARDS (Full list available [here](#))

Best Paper Award in Finance in <i>Management Science</i>	2023
Digital Economy Open Research “Pioneer” Paper Award	2023
IC3 Grant for Social Goods “Dynamic Incentives and Web3 Reputation”	2023
CFRI Contribution Award (for Research Innovation and Professional Services)	2023
Marquis' Who's Who (125 Years Anniversary Edition)	2023
Outstanding Contribution Award (1/ 21), Northeast Yucui School Global Alumni Association	2023
Microsoft Azure Cloud Computing Grant, Center for Data Science for Enterprise and Society “AI for Financial Policy and Managerial Decision-Making”	2023-2024
Finalist (2 papers out of 5), Inaugural CBER-Circle Insight Award	2023
Clifford H. Whitcomb Faculty Fellowship for Research and Teaching Excellence	2022-2023
CFAM-CSMAR Best Paper Award (sole top paper prize at the 19 <sup>th</sup> CFAM)	2022
Top 10 Quant Professors 2022 by Rebellion Research	2022
2 <sup>nd</sup> IQAM Research Prize (awarded every two years for excellent capital market research)	2022
CIRF-PBFJ Research Excellence Award, 8 <sup>th</sup> China International Risk Forum	2022
Best Paper Award, 18 <sup>th</sup> Annual Conf. of the Asia-Pacific Association of Derivatives	2022
European Financial Management Association EFMA-WRDS Conference Best Paper Award	2022
Best Conference Paper Award, 15 <sup>th</sup> International Risk Management Conference	2022
INQUIRE Europe (Panel Tree for Asset Pricing and Investment Management)	2022
Best Paper Award, 12 <sup>th</sup> Financial Markets and Corporate Governance Conference	2022
Best Paper, TAU Collier Sch. of Mgmt. Blockchain Research Institute Conference	2021
Best Paper Award Semi-finalist (2 times), FMA Conference	2021
Asseth--Kaiko Prize for Research in Cryptoeconomics (Best Paper & Talk)	2021
Best Paper Award (1 <sup>st</sup> Prize), 4 <sup>th</sup> UWA Blockchain and Cryptocurrency Conference	2021
The Hogege Blockchain Research Institute Call for Proposals Award	2021
<i>Management Science</i> Distinguished Service Award (for Associate Editors)	2021
Best Paper Award, 3 <sup>rd</sup> China International Forum on Finance and Policy	2021
Fintech Chair (Paris-Dauphine-PSL/Mazars/CACIB) Call-for-Research Award	2021
Johnson Faculty Research Award (one recipient per year)	2021
Yihong Xia Best Paper Award, China International Conference in Finance	2021

ICPM Research Award, The International Centre for Pension Management	2021
Best Paper, 17 <sup>th</sup> Annual Conf. of the Asia-Pacific Association of Derivatives (APAD)	2021
NSF Small Business Innovation Research (SBIR) Phase I Grant	2021
Best Paper Award, 11 <sup>th</sup> Financial Markets and Corporate Governance (FMCG) Conference	2021
Best Paper Award, Crypto and Blockchain Economics Research (CBER) Annual Conference	2021
Microsoft Azure Cloud Credit Award (renewed three times)	2021-2024
Best Paper, ML Conference: "Human Sovereignty and Machine Efficiency in the Law"	2021
NSF China Grant, "Impact of Digital Platform Dynamics on Welfare & Financial Stability"	2020-2023
CCSS Research Grant, "Interpretable AI & Big Data Analytics with Applications in Finance"	2020-2021
<i>Management Science</i> Meritorious Service Award	2020
The FinTech Chair (Paris-Dauphine University-PSL) Global Call for Research Award	2020
Poets & Quants Best 40 Under 40 MBA/Business School Professors	2020
INQUIRE Europe/UK Research Grant Award (Interpretable AI for Investment)	2020
Fellow of the Risk Institute at the Ohio State University Fisher College of Business	2019-2021
The Risk Institute Research Grant	2019
Becker Friedman Institute of Economics Data Acquisition Grant-Venture Contracting	2019
Kauffman Foundation Junior Faculty Fellowship in Entrepreneurship	2018-2022
Honorary Member (for Outstanding Contribution), Global Interdependence Center	2018-2019
Kenan Institute Frontiers of Entrepreneurship Research Grant	2018
INQUIRE Europe Research Grant Award (Natural Language Processing)	2018
AAM-CAMRI-CFA Institute Prize in Asset Management	2018
Excellent Paper Award, China International Forum on Finance and Policy	2018
CME Best Paper Award (Emerging Trends in Entrepreneurial Finance)	2018
EFA Wharton School – WRDS Outstanding Paper in Corporate Finance	2018
Best Paper Award, Guanghua International Symposium on Finance	2018
Becker Friedman Institute of Economics Inaugural Grant (Data Acquisition)	2018
Research Grant, Stigler Center for the Study of the Economy and the State	2017-2018
Best Paper Award in the Theories and Practices of Securities and Financial Markets	2017
Asian Finance Association Annual Conference Best Paper Award	2017
China Financial Research Conference NSF Best Paper Award	2017
Committee of 100 Next Generation Leader	2017
Research Grant, Polsky Center for Entrepreneurship and Innovation	2016-2019
Research Grant, the National Science Foundation of China	2016–2018
Research Grant, Center for East Asian Studies	2015-2019
Research Grants (6 times), Fama-Miller Center for Research in Finance	2014-2019
Research Grants (4 times), the Initiative on Global Markets (IGM)	2014-2019
Finance Theory Group Best Paper Award, Runner-up	2014
George P. Shultz Scholar, Stanford Institute for Economic Policy Research	2013–2014
PhD Fellow, the Stanford Institute for Innovation in Developing Economies	2013–2014
Stanford SEED Research Grant	2013
Shmuel Kandel Award in Financial Economics, Utah Winter Finance Conference	2013
Stanford Asian American Award	2013
The Gerald J. Lieberman Fellowship	2012–2013
Zephyr Prize for Best Paper in Corporate Finance, The 25 <sup>th</sup> AFBC	2012
Prize Winner, PhD Forum of Australasian Finance and Banking Conference	2012
Australasian Finance and Banking Conference Travel Grant	2012
The 1636 Society, Harvard	2011–
Best Paper Award in Finance, The 11 <sup>th</sup> Trans-Atlantic Doctoral Conference	2011
Stanford Ph.D. Fellowships	2009–2014
Jack T. Sanderson Memorial Prize for Best Student in Physics Studies	2009
Allston Burr Resident Dean's Award (Lowell)	2009
The Kawamura Fellowship	2009
Excellence Award from the Academy of Foreign Cultures (French)	2009
Phi Beta Kappa, Early Induction	2008
William H. and Mary Lee Bossert Prize for Science	2008
Harvard College Research Program Grant	2008
Dragon 100 Young Chinese Leaders Forum (U.S. Representative)	2008
Harvard College Scholar	2007
Herchel Smith-Harvard Undergraduate Science Research Fellow	2006, 2007
Academic Committee, the 37 <sup>th</sup> International Physics Olympiad	2006
John Harvard Scholarship for Academic Achievement of the Highest Distinction	2006
Detur Book Prize, Harvard	2006
K. J. Lee Family Scholarship	2005-2009

Bernhard Neumann Award & Global Rank 1 <sup>st</sup> , Australian Mathematics Competition	2004
Shimadzu Best Innovation Award in Defense/Aerospace, Singapore	2004
Best Poster Prize, Singapore Materials Research Society	2004
Gold Medal, Math Category 1 <sup>st</sup> , Singapore Science and Engineering Fair	2004
Qualifications for Intel ISEF, IMO (training team), IPhO, & IChO   No participation due to citizenship.	2003,2004
Gold Medal, Best Performer for Theory, the 16 <sup>th</sup> Singapore Physics Olympiad	2003
Gold Medal, Individual Rank 2 <sup>nd</sup> , the 15 <sup>th</sup> Singapore Chemistry Olympiad	2003
Gold Medals, Team 2 <sup>nd</sup> , Singapore Mathematics Olympiads	2001,2003

## ADDITIONAL PROFESSIONAL ACTIVITIES & SERVICES

### **Internal (Cornell University)**

Johnson Faculty Research Award Committee (2022-); IAHC Committee (2022); SC Johnson Finance Area Recruiting Co-chair (2021-2022); Finance Seminar and Brownbag Organizer (2020-2021); Business Analytics MPS (new STEM degree program) Advisory Committee (2019-); Coach for Johnson MBA Team for the Cyber 9/12 Strategy Challenge (2020); Advisor for HealthTrends.ai (2020-, voluntary in support of Cornell Alumna); Ph.D Admissions (2019-2021); Undergrad FinTech Club Advisor (2021-); Judge (Finance), 16th Annual Johnson Integrative Case Competition, Sponsored by Pfizer (2020).

### **Grant Review Service**

Expert Reviewer, Social Sciences and Humanities Research Council, Government of Canada, 2023—  
 Expert Reviewer, the Israel Science Foundation (ISF), 2021—  
 Expert Reviewer, National Science Foundation, 2021—  
 Expert Reviewer, National Science Centre Poland, 2021—  
 Expert Reviewer, German Research Foundation/Deutsche Forschungsgemeinschaft, (DFG), 2020—  
 External Expert, The Fonds de recherche du Québec - Société et culture (FRQSC), 2019—  
 External Reviewer, Research Grants Council of Hong Kong, 2018—

### **Referee Service**

**Computer Science:** The ACM International Conference Proceeding Series, Computer & Security; Proceedings of the ACM International Conference on AI in Finance.

**Economics:** American Economic Review, Quarterly Journal of Economics, Journal of Political Economy, Review of Economic Studies, American Economics Journal: Microeconomics, Journal of Economic Theory, Review of Economic Design (ad hoc AE), RAND Journal of Economics, Journal of Public Economics.

**Finance:** Review of Financial Studies, Journal of Finance, Journal of Financial Economics, Review of Finance, Journal of Financial and Quantitative Analysis, Journal of Banking and Finance, Journal of Corporate Finance, Journal of Financial Intermediation, Journal of Financial Econometrics, Journal of Financial Data Science, Journal of Risk and Financial Management, Review of Asset Pricing Studies, Journal of Financial Markets, Journal of Empirical Finance.

**Management and Other Business-Related Disciplines:** Management Science, Information Systems Research, Journal of Real Estate Finance and Economics, Cambridge *Elements in Law, Economics and Politics*, MIS Quarterly, Review of Accounting Studies.

### **Conference Organizations, Program Committees, & Invited Panels** (since 2023 only, full list available [here](#))

#### **2024**

Program Committee, SFS Cavalcade North America Conference; Program Committee, the 8th Young Scholars Finance Consortium (YSFC, Texas A&M)

#### **2023**

Session Organizer/Chair, “Innovations and Challenges in DeFi,” American Finance Association Annual Meeting (AFA); Session Chair & Program Committee, “Markets, Information, and Incentives,” Financial Intermediation Research Society Conf. (FIRS, Vancouver); Session Co-organizer, “Decentralized Finance” American Economic Association Annual Meeting (AEA); Advisory Committee & Program Committee, GSU- RFS FinTech Conference; Program Track Chair (FinTech), Financial Management Association (FMA) Annual Meeting, Chicago; Program Committee, ASU Sonoran Winter Finance Conference; Program Committee and Session Chair, China International Conference in Finance (CICF), Shanghai; Program Committee, European Finance Association (EFA) Annual Meeting, Amsterdam, Netherlands; Program Committee, Fifth International Conference on Advances in Financial Technologies (Princeton); Program Committee, 2023 Johns Hopkins Carey Finance Conference; Program Committee, 11th Oxford Financial Intermediation Theory Conference (OxFIT); Program Committee, SFS Cavalcade North America Conference (UT Austin); Program Committee, 13th Summer Institute of Finance conference (SIF, Shanghai and virtual); Program Committee, 12<sup>th</sup> Tel Aviv University (TAU) Finance conference; Program Committee, Tokenomics: 5th Intl. Conf. on Blockchain Economics, Security & Protocols (NYC); Program Committee, Western Finance Association Annual Meeting (WFA, San Francisco)

#### **2022**

Co-organizer, The 26<sup>th</sup> Finance Theory Group (FTG) Meeting (Ithaca, NY), Panelist, Applied Theory Research in FinTech and Digitization; Senior Program Committee, 3<sup>rd</sup> ACM International Conference on



AI in Finance; Program Co-Chair, China Fintech Research Conference (CFTRC); Program Co-Chair and Session Chair, International Conference on Finance and Technology; Program Committee, 2<sup>nd</sup> Guanghua International Symposium on Finance (第二届中国金融前沿学术论坛); Program Committee, Western Finance Association (WFA) Annual Meeting, Portland; Program Committee, GSU- RFS FinTech Conference; Program Committee, SFS Cavalcade North America Conference; Program Committee, SFS Cavalcade Asia Pacific Conference; Program Committee, The 2022 Annual Conference in Digital Economics (ACDE); Program Committee, Conf. on Emerging Technologies in Acct & Fin (CETAFE) at USC; Program Committee, 2022 Johns Hopkins Carey Finance Conference; Program Committee and Session Chair, China International Conference in Finance (CICF), Shanghai; Program Committee, 18<sup>th</sup> Annual Conference on Corporate Finance (Washington University in St. Louis); Program Committee, 11<sup>th</sup> Tel Aviv University (TAU) Finance conference; Program Committee, Tokenomics: 4<sup>th</sup> Intl. Conf. on Blockchain Economics, Security & Protocols (Paris); Reviewer Committee, 19<sup>th</sup> Chinese Finance Annual Meeting; Best Paper Committee, 8<sup>th</sup> International Conference on Smart Finance (ICSF); Host, AI and Big Data in Finance (ABFR) Webinar on “Missing Financial Data”; Panelist, “Designing CBDCs in Emerging Economies,” Inter-American Development Bank (IADB); Panelist, Assistant Professor Mentoring Session, Northern Finance Association (NFA) Annual Meeting

**Advising & Mentoring** (full list available [here](#))

***Ph.D., Post-Docs, & Junior Faculty in Economics/Finance, with home Institution & Placements:***

**Cornell University:** Artem Streltsov (Johnson Finance, Chair); Pietro Bini (Johnson Finance, Co-Chair); Qihong Ruan (Econ Department, Co-chair); Jongho Kim (Johnson Marketing, Committee); Feng Chi (Dyson Applied Economics, Committee); Jihye Jang (Dyson Applied Economics, Committee); Bobby Yu (Nolan Real Estate, Committee); Yu Wang (Econ Department, Committee, Advisor for 2<sup>nd</sup> year summer Paper (winner of the Tapan Mitra Economics Prize)); Yushan Zhou (Johnson Marketing, research mentor); Jushen Zou (Johnson Finance, 2023-2024, 1<sup>st</sup> year mentor); Fred Sun (Johnson Finance, 2022-2023, 1<sup>st</sup> year mentor); Jining Hou (Johnson Finance, 2022-2023, 1<sup>st</sup> year mentor); Ye Xian (Dyson Applied Economics 2023, Co-chair, Acadian Asset Management); Ashish Ochani (Johnson Accounting 2023, Committee, Binghamton University); Siguang Li (Cornell Econ 2022, Co-Chair, HKUST Guangzhou); Youwei Yang (Dyson Applied Economics 2021, Committee, Director of Financial Analytics at StoneX Group Inc. and Chief Economist/VP at BIT Mining Limited)

**University of Chicago:** Jingtao Zheng (Booth and Econ Joint Program in Financial Economics, In Progress); Jingyu He (Booth Econometrics and Statistics, ad hoc Reference, CityU of Hong Kong); Ehsan Azarmsa (Booth and Econ Joint Program in Financial Economics 2022, Committee, University of Oklahoma); Xiao Zhang (Booth Finance 2019, Committee, Analysis Group); John Loudis (Booth Finance 2019, Reference, Notre Dame); Alexander Zentefis (Booth Finance 2017, Reference, Yale); Yunzhi Hu (Booth and Econ Joint Program 2017, Reference, UNC); John Nash (Booth Finance 2016, HKUST, Committee)

**External:** Ruizhe Jia (Columbia IEOR, Committee); Yang Yang (Tsinghua University Postdoc, 2023, Reference, University of Bristol Computer Science); Daniel Rabetti (Tel Aviv Finance 2023, Co-Advisor, NUS Accounting and Finance); Norman Guo (GSU Finance, 2022, Committee, St. Louis University); Xiaohan Yang (Peking University NSD, 2020, visiting advisor, Alibaba Research); Longtian Zhang (Tsinghua University Institute of Economics, 2021, Reference, Central University of Finance and Economics)

***32 College, Master, & other PhD Students, with Initial Placements in, e.g., Northwestern Kellogg, NYU Stern, Wharton, Columbia, University of Chicago, Harvard, & other industry positions***

***12 High School Students, with College Enrollments (e.g., Berkeley, Princeton, & Stanford)***

## CONFERENCES, PANELS & SEMINARS

(Including scheduled and conference presentations by co-authors since 2023. Full list available [here](#).)

**2024 Conferences:** American Economic Association (AEA) Annual Meetings, San Antonio; Econometric Society Annual Meeting, San Antonio; ESSEC-NUS Conference on Financial Data Analytics (Keynote & Tutorial); [Symposium on World Economics, Finance and Business \(Singapore, Keynote\)](#); 2<sup>nd</sup> Torino Decentralized Finance (ToDeFi) Conference (Keynote).

**2024 Seminars/Webinars:** City University of Hong Kong (Econ); Columbia University Joint Seminar at Industrial Engineering & Operations Research (IEOR) and the Business School Decision, Risk and Operations (DRO) Division; Florida International University College of Business; Fudan University Institute for Financial Studies; Fudan University School of Management; Hong Kong Polytechnic University School of Accounting and Finance; Johns Hopkins University Carey Business School; McGill University Desautels Faculty of Management; Monetary Authority of Singapore (MAS); Mundell-Huang Da Lectures on Economics, Renmin University of China; National University of Singapore; New York University (NYU) Stern School of Business; Syracuse University Martin J. Whitman School of Management; University of Turin Collegio Carlo Alberto

**2023 Conferences:** ABFER Annual Conference; American Economic Association Meetings (New Orleans); American Finance Association Annual Meeting (New Orleans); 19<sup>th</sup> Annual Conference of the Asia-Pacific Association of Derivatives (APAD, Busan, 2 papers); 1<sup>st</sup> Annual Meeting of The China Digital Economy

Development and Governance (Keynote); 2<sup>nd</sup> Annual DeFi Academic Research Conference; Asian Meeting of the Econometric Society (AMES), Singapore; Bank of Canada Conference on “Networks in Modern Financial and Payment Systems”; BFI-China and BIS-Asia Conference on "Opportunities and Challenges for China and Beyond"; Cambridge University Algorithmic Trading Society (CUATS) 2nd Annual Quant Conference (Keynote); China Financial Research Conference (CFRC, 2 papers); China International Conference in Finance (CICF, 2 papers); Conference on Asia-Pacific Financial Market (Seoul, 4 papers); CSEF-RCFS Conference on Finance, Labor and Inequality; Eastern Finance Association Annual Meeting, Asheville; European Finance Association Annual Meeting (Amsterdam); Finance Down Under: Building on the Best from the Cellars of Finance (Melbourne); Financial Econometrics Conference (Lancaster, 2 papers); Financial Management Association (FMA) Annual Meetings (Invited Speaker); 7th Annual Global Quantitative and Macro Investment Conference (Wolfe Research); 9<sup>th</sup> Global Conference on Business Management and Social Science (Keynote); GSU-RFS FinTech Conference (Keynote + 1 paper); Hawai'i Accounting Research Conference (HARC); IIM Calcutta-NYU Stern India Research Conference; INFORMS Annual Meeting (Phoenix); International Conf. on Intelligent Computing & Machine Learning (2ICML, Keynote); Journal of Finance and Data Science Conference; 2nd Intl. Meet on Applied Science, Engineering & Technology (Vancouver, Keynote); Mid-South DATA Conference (Keynote, Memphis); Midwest Finance Association Meeting; MIT Bitcoin Expo 2023: Building B10cks; National Bureau of Economic Research (NBER) Chinese Economy Working Group Spring Meeting; Workshop on Payments and Securities Settlement: Data and Information, organized by the bank of Canada in collaboration with Payments Canada and the Deutsche Bundesbank; P2P Financial Systems Conference (Bank of Italy, Rome); II Regional Conference on Payments and Financial Market Infrastructures; Ripple UBRI Connect Academic Convene; 5<sup>th</sup> Shanghai Financial Forefront Symposium (Keynote); SFS Cavalcade North America (Austin, 2 papers); Summer Institute of Finance (SIF) Conference; Tokenomics: 5th Intl. Conf. on Blockchain Economics, Security & Protocols (NYC); Tongji Finance Symposium "New and Important Issues in Financial Markets" (Keynote); UC Berkeley (MFE) Financial Innovation Conference (Keynote); 1<sup>st</sup> Virtual Symposium on Web3 Financing and Inclusivity; Inaugural Wolfram ChainScience Conference (Boston, Keynote); World Finance Conference (Norway); XJTLU AI & Big Data in Acct & Fin Research Conference (Keynote)

**2023 Seminars/Webinars:** Baylor University Hankamer School of Business; Boston College Carroll School of Management; Capital Market Research in the Era of AI Conference, co-organized by ABFER, HKUST, and SUSTech; Cheung Kong Graduate School of Business (CKGSB); China Business Research Network (CBRN); Columbia Business School (Finance); Columbia School of Engineering and Applied Science Center for Digital Finance and Technologies & Columbia; Business School Briger Family Digital Finance Lab (Digital Finance Seminar Series); School of FinTech, Dongbei University of Finance and Economics; eCornell “Legal and Regulatory Challenges in FinTech and Blockchain”; European Securities and Markets Authority; Federal Deposit Insurance Corporation (FDIC, Center for Financial Research); Federal Reserve System-Wide Webinar; FMA International Virtual Research Seminars in Finance Series (IVRSiF); Fordham University’s Gabelli School of Business; Fudan University Fanhai International School of Finance (FISF); Georgetown University McDonough School of Business; Georgia Institute of Technology Scheller College of Business; HKU-SCF FinTech Academy Distinguished Lecture, Standard Chartered HK 150th Anniversary Foundation; International Risk Management Conference (IRMC); New York University (NYU) Courant Institute of Mathematical Sciences; Ohio State University (OSU) Fisher College of Business; University of Oxford SML-Fin Seminar (Department of Statistics, Mathematical Institute); Peking University Guanghua School of Management; Peking University Institute of Digital Finance (FinTech Workshop); Peking University National School of Development (NSD); Princeton University Operations Research & Financial Engineering (ORFE) Department Colloquia; II Regional Conference on Payments and Financial Market Infrastructures, Colombia; Queen’s University at Kingston; Stanford University School of Engineering (MS&E | AFT Lab); Tsinghua University School of Economics and Management (SEM); University of British Columbia (Sauder Finance); University of California, Santa Barbara (Econ Department) UCSB DeFi Seminar; University of Central Florida College of Business Administration; University of Geneva, Geneva Finance Research Institute; Goethe University Frankfurt (Information Systems and Information Management, Digital Finance); University of New South Wales (UNSW); University of Sydney (USyd); University of Technology Sydney (UTS); University of Zurich (UZH) Blockchain Center Academic Lecture Series

**2022 94 Conferences and 32 Seminars/Webinars; 2021 59 Conferences and 18 Seminars/Webinars; 2020 35 Conferences and 15 Seminars/Webinars; 2019 48 Conferences and 19 Seminars; 2018 71 Conferences and 22 Seminars; 2017 45 Conferences and 15 Seminars; 2016 and before 32 Conferences and 43 Seminars**

*Updated September 2023*