03/2025

WINSTON WEI DOU

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ACADEMIC POSITIONS	The Wharton School, University of Pennsylvania	Assistant Professor of Finance	2017-present
		Lecturer	2016-2017
		The Golub Faculty Scholar	2023-present
AFFLIATION	National Bureau of Economic Research	Faculty Research Fellow	2022-present
	Wharton AI & Analytics Initiative	Affiliated Faculty	2022-present
VISITING POSITIONS	The Booth School of Business, University of Chicago	Fama-Miller Research Visitor	Winter 2023
EDUCATION	MIT	Ph.D. in Financial Economics	2017
	Yale University	Ph.D. in Statistics	2010
	Peking University	B.S. in Mathematics (Primary) B.S. in Economics	2005

PRIMARY FIELDS

Asset Pricing, Capital Markets, Macro Finance, Industrial Organization, Financial Institutions, Econometrics, Machine Learning, and Artificial Intelligence

PUBLISHED & FORTHCOMING PAPERS

1. Estimation in Functional Regression for General Exponential Families
   Winston Wei Dou, David Pollard, and Harrison H. Zhou
   Annals of Statistics, 2012, Vol. 40, No. 5, 2421-2451

2. Ensemble Subsampling for Imbalanced Multivariate Two-Sample Tests
   Lisha Chen, Winston Wei Dou, and Zhihua Qiao
   Journal of the American Statistical Association, 2013, Vol. 108(504), 1308-1323

3. Inalienable Customer Capital, Corporate Liquidity, and Stock Returns
   Winston Wei Dou, Yan Ji, David Reibstein, and Wei Wu
   Journal of Finance, 2021, Vol. 76, No. 1, 211-265

4. Macroeconomic Models for Monetary Policies: A Critical Review from a Finance Perspective
   Winston Wei Dou, Andrew W. Lo, Ameya Muley, and Harald Uhlig
   Annual Review of Financial Economics, 2020, Vol. 12, No. 1, 95-140

5. External Financing and Customer Capital: A Financial Theory of Markups
   Winston Wei Dou and Yan Ji
   Management Science, 2021, Vol. 67, No. 9, 5569-5585

6. Competition, Profitability, and Discount Rates
Winston Wei Dou, Yan Ji, and Wei Wu
Journal of Financial Economics, 2021, Vol. 140, Issue 2, 582-620

7. Dissecting Bankruptcy Frictions
Winston Wei Dou, Luke Taylor, Wei Wang, and Wenyu Wang
Journal of Financial Economics, 2021, Vol. 142, Issue 3, 975-1000
[Editor's Choice]

8. Measuring "Dark Matter" in Asset Pricing Models
Hui Chen, Winston Wei Dou, and Leonid Kogan
Journal of Finance, 2024, Vol. 79, No. 2, 843-902

9. Macro-Finance Decoupling: Robust Evaluations of Macro Asset Pricing Models
Xu Cheng, Winston Wei Dou, and Zhipeng Liao
Econometrica, 2022, Vol. 90, No. 2, 685-713

10. The Oligopoly Lucas Tree
Winston Wei Dou, Yan Ji, and Wei Wu
Review of Financial Studies, 2022, Vol. 35, Issue 8, 3867-3921

11. Macro-Finance Models with Nonlinear Dynamics
Winston Wei Dou, Xiang Fang, Andrew W. Lo, and Harald Uhlig
Annual Review of Financial Economics, 2023, Vol. 15, No. 1, 407-432

12. Common Fund Flows: Flow Hedging and Factor Pricing
Winston Wei Dou, Leonid Kogan, and Wei Wu
Journal of Finance, **Forthcoming**, accepted January 2024

13. Feedback and Contagion Through Distressed Competition
Hui Chen, Winston Wei Dou, Hongye Guo, and Yan Ji
Journal of Finance, **Forthcoming**, accepted January 2024

WORKING PAPERS

14. Fund Flows and Income Risk of Fund Managers
Xiao Cen, Winston Wei Dou, Leonid Kogan, and Wei Wu
Review of Financial Studies, **Revise and Resubmit**, August 2023

15. Evidence on the Importance of Market Competition in Distress Propagation
Winston Wei Dou, Shane Johnson, and Wei Wu
June 2024

16. Misallocation and Asset Prices
Winston Wei Dou, Yan Ji, Di Tian, and Pengfei Wang
June 2024

17. The Cost of Intermediary Market Power for Distressed Borrowers
Winston Wei Dou, Wei Wang, and Wenyu Wang
June 2024

18. AI-Powered Trading, Algorithmic Collusion, and Price Efficiency
Winston Wei Dou, Itay Goldstein, and Yan Ji
June 2024

19. Competition Network and Predictable Industry Returns
Winston Wei Dou and Wei Wu
June 2024

20. Industry Distress Anomaly
Hui Chen, Winston Wei Dou, Hongye Guo, and Yan Ji
June 2024

21. Embrace or Fear Uncertainty: Growth Options, Limited Risk Sharing, and Asset Prices
Winston Wei Dou
March 2017

22. The Volatility of International Capital Flows and Foreign Assets
Winston Wei Dou and Adrien Verdelhan
September 2017

INDUSTRIAL EXPERIENCE

Goldman Sachs, NYC		2010
J.P. Morgan, NYC		2008, 2009

FELLOWSHIPS, HONORS, AND AWARDS

2023-24	Wharton Teaching Excellence Award at University of Pennsylvania
2024-25	Golub Faculty Scholar Award at the Wharton School
2024	Best Discussant Award, LBS Summer Finance Symposium
2024	Best Paper Award, ABFER-JFDS Conference on AI and FinTech "AI-Powered Trading, Algorithmic Collusion, and Price Efficiency"
2024	Jacob Gold & Associates Best Paper Prize, ASU Sonoran Winter Conference "AI-Powered Trading, Algorithmic Collusion, and Price Efficiency"
2024	IRF Best Paper Award, Asian Finance Association "AI-Powered Trading, Algorithmic Collusion, and Price Efficiency"
2024	Wharton Dean's Research Fund Award "Examining the Organizational and Compensation Structure of Fund Firms"
2024	Best Paper Award, China FinTech Research Conference "AI-Powered Trading, Algorithmic Collusion, and Price Efficiency"
2023	Best Paper Award, Melbourne Asset Pricing Meeting "AI-Powered Trading, Algorithmic Collusion, and Price Efficiency"
2023-24	Golub Faculty Scholar Award at the Wharton School
2022	Richard A. Crowell Memorial Prize, Second Prize, PanAgora Asset Management "Competition Network and Predictable Industry Returns"
2021	CFA Institute Asia-Pacific Research Exchange Award (NZFM) "Evidence on the Importance of Market Competition in Distress Propagation"
2021	Jacobs Levy Center Outstanding Research Paper Prize

	"Dissecting Bankruptcy Frictions"
2021	PwC Finance Forum Best Paper Award "Inalienable Customer Capital, Corporate Liquidity, and Stock Returns"
2021	Wharton Dean's Research Fund Award "Mutual Funds, Competition, Innovation, and Asset Prices"
2021	Semi-finalist of FMA Conference Best Paper Award
2020	Best Paper Award on Asset Pricing, Northern Finance Association "Asset Pricing with Misallocation"
2020	AAII Award for the Best Paper on Investments, Midwest Finance Association "The Oligopoly Lucas Tree"
2020	NASDAQ Award for the Best Paper on Asset Pricing, Western Finance Association "Common Fund Flows: Flow Hedging and Factor Pricing"
2019	Best Paper Award, China International Conference in Macroeconomics (CICM) "Competition, Profitability, and Discount Rates"
2017-18	Wharton Teaching Excellence Award at University of Pennsylvania
2017	Marshall Blume Prize, Rodney L White Center for Financial Research at Wharton "Inalienable Customer Capital, Corporate Liquidity, and Stock Returns"
2016	MFM Dissertation Award, Becker Friedman Institute for Economics at UChicago "Embrace or Fear Uncertainty: Growth Options, Limited Risk Sharing, Asset Prices"
2013	Best Paper Award, Red Rock Finance Conference "Measuring 'Dark Matter' in Asset Pricing Models"
2013	Finance Group Award, Department of Financial Economics at MIT
2012-16	Student Fellow of the MFM Group at the Becker Friedman Institute for Economics
2012-14	MIT Sarofim Fellowship
2009	I. R. Savage Award in Nonparametric Statistics, American Statistical Association "Functional Regressions for General Exponential Families"
2009-10	Vardis and Opal Fisher Fellowship, Yale University
2009-10	Yale University Dissertation Fellowship
2003-04	Wu-Si Fellowship, a Highest Academic Honor at Peking University
2003-04	Three-Excellence (Best Student) Award, Peking University
2001	Outstanding Freshman Fellowship, Peking University
2001	The First Prize (Provincial #1) in the 16th Chinese Mathematical Olympiad

EDITORIAL SERVICES

Review of Finance: Associate Editor (January 2022 – present)
Journal of Corporate Finance: Associate Editor (December 2022 – present)
Journal of Economic Dynamics and Control: Associate Editor (July 2023 – present)

PROFESSIONAL ACTIVITIES

Referee for Academic Journals: *Journal of Finance*, *Review of Financial Studies*, *Journal of Financial Economics*, *Econometrica*, *Journal of Political Economy*, *Review of Economic Studies*, *Annals of Statistics*, *Journal of Econometrics*, *Management Science*, *Review of Finance*, *Review* *of Economics and Statistics, Journal of European Economic Association, Journal of Economic Theory, Review of Asset Pricing Studies, Journal of Monetary Economics, Operations Research, Bernoulli, Journal of Banking and Finance, Annual Review of Financial Economics, Journal of Economic Dynamics and Control, International Economic Review*

Referee for Research Grants:
Insight Grants at Social Sciences and Humanities Research Council of Canada,
Hong Kong RGC RIF Grant

Internal Professional Services:
Faculty Panel, Annual IDDEAS@Wharton Meeting of Wharton PhD Program, 2023
Member of Faculty IT Steering Committee at The Wharton School, 2020-2021
Faculty Panel, Wharton PhD Orientation, 2019
Co-Chair, Finance Junior Faculty Recruiting Committee at The Wharton School, 2024/25
Finance Junior Faculty Recruiting Committee at The Wharton School, 2017/18, 2022/23-present
Doctoral Prelim Committee, Finance Department at The Wharton School, 2022-present
Co-organizer of Micro Seminar, Finance Department at The Wharton School, 2017-2018
Organizer of Micro Lunch Seminar, Finance Department at The Wharton School, 2016-2017
Organizer of Asset Pricing Reading Group, Finance Group at MIT Sloan, 2011, 2012

External Professional Services:
Co-organizer of the Macro-Finance Society Meeting, 2021
Co-organizer of PKU/PHBS Sargent Institute Macro-Finance Workshop, 2019-2022
Member of Best Paper Award Committee, SFS Cavalcade North America, 2023
Judge for the Doctoral Research Forum and Thesis Prize at MIT Sloan, 2018, 2022
Mentor, Rising Scholars Mentoring Program by MIT Sloan, 2023

Conference Session Chair Services: Western Finance Association ("Real Investment", 2025), China International Conference in Finance (2025), Annual Conference on Financial Economics and Accounting ("ML/AI/Bigdata/Fintech", 2024), Midwest Financial Association Meeting ("Demand-Based Asset Pricing", 2024), SFS Cavalcade North America ("Cross-Sectional Asset (Mis)Pricing", 2023), SFS Cavalcade North America ("Corporate Finance", 2023), Midwest Financial Association Meeting ("Asset Pricing", 2023), Midwest Financial Association Meeting ("Return Predictability", 2022), PKU/PHBS Sargent Macro-Finance Workshop ("IO and Asset Pricing", 2022), Asian Finance Association Annual Meeting ("Asset Pricing", 2021), Econometric Society/AEA Joint Session ("Rare Events", 2020), European Finance Association Meeting ("International Finance", 2018), IMS-China International Conference on Statistics and Probability ("Nonparametric Statistics and Related Fields", 2009)

Conference Committee Services: Western Finance Association (2017-present), European Finance Association (2018-2023), SFS Cavalcade North America (2022-present), Financial Intermediation Research Society (2022-present), Midwest Finance Association (2019-present), Northern Finance Association (2018-present), Kentucky Finance Conference (2022-present), World Symposium on Investment Research (2023-present), Annual Young Scholars Finance Consortium (2024), China Financial Research Conference (2023-present), China International Conference in Finance (2025-present), Annual Conference in Financial Economics and Accounting (2024-present), International Association of Applied Econometrics (2024-present), Johns Hopkins Carey Finance Conference (2024-present), SFS Cavalcade Asia–Pacific (2024-present), Workshop on Innovation & Inventiveness in Statistical Methodologies (2009)

INVITED SEMINARS & CONFERENCES
(Including scheduled, * = by coauthors)

2025

Seminars: Office of Financial Research (OFR) at U.S. Department of the Treasury, Columbia University (GSB), Indiana University (Kelley), John Hopkins University (Carey), Carnegie Mellon University (Tepper), City University of New York (Baruch, Zicklin), University of Mannheim (Seminar and Lecture), Frankfurt School of Finance and Management (Finance), Cheung Kong Graduate School of Business (CKGSB), Cubist Systematic Strategies (Point72), National University of Singapore (NUS), Nanyang Technological University (NTU), Singapore Management University (SMU), Oxford University (Man Institute of Quantitative Finance)

Conferences: IESE Barcelona Workshop on Artificial Intelligence in Finance, Kentucky Finance Conference (discussion), UD/Philly Fed Fintech & Financial Institutions Conference (discussion), SFS Cavalcade North America (2 discussions), China International Conference in Finance

2024

Seminars: U.S. Securities and Exchange Commission (Division of Economic and Risk Analysis at SEC), U.S. Financial Industry Regulatory Authority (FINRA), Sveriges Riksbank (Central Bank of Sweden), University of Texas at Austin (McCombs), University of Minnesota Twin Cities (Carlson), University of Wisconsin–Madison (Finance), University of Rochester (Simon), Rice University (Jones), Georgetown University (McDonough), University of Delaware (Lerner), Chinese University of Hong Kong-Shenzhen (SME Distinguished Speaker Series), Wharton Micro Lunch Seminar, University of California, Irvine (Paul Merage), University of Wisconsin–Madison (Economics, IO Finance Group)

Conferences: NBER SI Asset Pricing Meeting, Adam Smith Workshop (LSE), CEPR Summer Asset Pricing Meeting, NBER AI and Big Data (discussion), NYU Stern/Salomon Microstructure Conference, The 19th European Winter Finance Summit, Jackson Hole Finance Group Conference, LBS Summer Finance Symposium (discussion), The 25th Texas Finance Festival, NYU/Penn Law and Finance Conference, The 10th BI-SHoF Conference (Stockholm School of Economics and BI Norwegian), Red Rock Finance Conference (discussion), IMF-WIFPR Conference on Financial and Real Implications of Technologies, AI, and Cyber Risks, Oxford-Man Workshop on Financial Economics and Microstructure, Western Finance Association (WFA) Annual Meeting (2 presentations and discussion), SFS Cavalcade North America (presentation and discussion), European Finance Association (EFA) Annual Meeting (3 presentations), Midwest Finance Association (MFA) Annual Meeting (2 presentations), ABFER-JFDS Conference on AI and Capital Markets, The 8th Annual QES Global Quant and Macro Investing Conference, The 8th Young Scholars Finance Consortium (discussion), The 9th University of Connecticut Finance Conference (discussion), Jacobs Levy Center's 2024 Frontiers in Quantitative Finance Conference (discussion), ABFER-JFDS Conference on AI and Capital Markets, The 34th Annual Conference on Financial Economics and Accounting (CFEA), Wharton Conference on Liquidity and Financial Fragility (discussion), University of Chicago (Booth)*, LSE*, Harvard Business School*, The Organization for Economic Co-operation and Development (OECD)*, Bank for International Settlements (BIS)*, Tsinghua University (PBC and SEM)*, Oxford*, Imperial College*, China Fintech Research Conference*, European Financial Management Association (EFMA) conference*, Duke/UNC Asset Pricing Conference*, American Finance Association (AFA) Annual Meeting*, China Fintech Research Conference*, Asian Finance Association Annual Conference (2 presentations)*, ASU Sonoran Winter Finance Conference*, Bretton Woods Accounting and Finance Ski Conference*, Financial Intermediation Research Society (FIRS) Conference*, China International Conference in Finance (CICF)*, Luohan

Academy Annual Digital Economy Conference*, The 20th Annual Olin Finance Conference at WashU*

2023 **Seminars:** MIT (Sloan), University of Chicago (Booth), University of Southern California (Marshall), Boston College (Carroll), University of Maryland, College Station (Smith), University of Michigan (Ross), University of Toronto (Rotman), BI Norwegian Business School (Finance), Norwegian School of Economics (NHH), University of Hong Kong (Finance), Hong Kong University of Science and Technology (Finance), George Mason University, University of Illinois, Urbana-Champaign (Gies), Wharton MLG Seminar, Wharton Micro Lunch Seminar

Conferences: NBER Big Data and Securities Markets, LBS Summer Finance Symposium, The 19th Annual Olin Finance Conference at WashU, Johns Hopkins Carey Finance Conference, Colorado Finance Summit, Jacobs Levy Center's 2023 Frontiers in Quantitative Finance Conference (discussion), Econometric Society Summer School in Dynamic Structural Econometrics (Deep Learning for Solving and Estimating Dynamic Models), The 2023 Melbourne Asset Pricing Meeting, University of Toronto Junior Finance/Macro Conference, The 7th Annual QES Global Quant and Macro Investing Conference, Mid-Atlantic Research Conference in Finance (MARC), Western Finance Association (WFA) Annual Meeting, Bretton Woods Accounting and Finance Conference (discussion), NYU Stern/Salomon Microstructure Conference (discussion), American Finance Association (AFA) Annual Meeting (discussion), Midwest Finance Association (MFA) Annual Meeting (2 discussions), SFS Cavalcade North America (discussion), PKU/PHBS Sargent Institute Workshop in Macroeconomics and Finance, ILE/Wharton Law and Finance Seminar (discussion), China International Conference in Finance (presentation and discussion), The 13th Summer Institute of Finance (SIF) Conference, Quoniam Asset Management*, University of Southern California*, Fudan University (FISF)*, Texas A&M University (Mays)*, University of Pennsylvania (Economics)*, Shanghai University of Finance & Economics*, Finance and Accounting Research Symposium in London*, SKEMA Corporate Restructuring Conference*, Shanghai Macroeconomics Workshop*, HKUST-JINAN Macro Conference*, The 10th International Congress on Industrial and Applied Mathematics (Tokyo)*, The 9th Hong Kong Joint Finance Research Workshop*, The Nordic Fintech Symposium (Copenhagen)*, Workshop in Market Microstructure: From Theory to AI (Durham)*, Stanford SITE Workshop on New Frontiers in Asset Pricing*, UNSW Asset Pricing Workshop*

2022 **Seminars:** European Securities and Markets Authority (ESMA), Yale University (SOM), University of Washington (Foster), University of Connecticut (Finance), INSEAD (Finance), Boston University (Questrom), Frankfurt School of Finance and Management (Finance), Dauphine-PSL Paris (Université Paris-Dauphine, seminar and 2 lectures), Jinan University (Institute for Economic and Social Research), University of Pennsylvania (Wharton), Cheung Kong Graduate School of Business (CKGSB), University of Georgia (Terry), Temple University (Fox), Australian National University (Finance, Actuarial Studies and Statistics)

Conferences: The 31st Utah Winter Finance Conference, The 20th Macro Finance Society Workshop, NYU Stern Martin J. Gruber Five-Star Conference on Research in Finance, The 6th Annual QES Global Quant and Macro Investing Conference, Stanford SITE Workshop on New Frontiers in Asset Pricing, The 12th Summer Institute of Finance (SIF) Conference, Conference on Frontiers in Machine Learning and Economics at Philadelphia Federal Reserve Bank (discussion), PKU/PHBS Sargent Institute Workshop in Macroeconomics and Finance (discussion), UNSW

Asset Pricing Workshop, Finance, Organizations and Markets (FOM) Research Group Conference (discussion), American Finance Association (AFA) Annual Meeting (2 presentations), Midwest Finance Association (MFA) Annual Meeting (3 presentations and 2 discussions), The 5th World Symposium on Investment Research (discussion), The 6th Annual Young Scholars Finance Consortium, SFS Cavalcade North America (presentation and discussion), Western Finance Association (WFA) Annual Meeting (presentation and discussion), Financial Intermediation Research Society (FIRS) Conference (2 presentations), WUSTL (Olin)*, Carnegie Mellon University (Tepper)*, IDC Herzliya*, Peking University (Guanghua)*, University of Toronto*, University of Hong Kong (Economics)*, Macro Finance Research Program (MFR) 2022 Summer Session for Young Scholars (PhD student presentation)*, North Finance Association (NFA) Annual Meeting*, Tsinghua School of Economics and Management Alumni Conference*, The 3rd Frontiers of Factor Investing Conference at Lancaster University*, Paris December Finance Meeting*, The 32nd Annual Conference on Financial Economics and Accounting (CFEA)*

2021 **Seminars:** Northwestern University (Kellogg), University of California, Berkeley (Haas), University of British Columbia (Sauder), Arizona State University (W. P. Carey), University of Southern California (Macro-Finance Reading Group), Suffolk University (Sawyer), University of Pennsylvania (Wharton), Universidad Adolfo Ibáñez, Tsinghua University (PBC School of Finance), City University of Hong Kong (Finance), Shanghai Advanced Institute of Finance (SAIF) at Shanghai Jiao Tong University, Chinese University of Hong Kong (Economics), PanAgora Quantitative Research Institute

Conferences: The 4th Finance Symposium at INSEAD (discussion), The 5th Annual QES Global Quant and Macro Investing Conference, Stanford SITE Workshop on Macro Finance and Computation, ILE/Wharton Law and Finance Seminar (discussion), American Finance Association (AFA) Annual Meeting, Western Finance Association (WFA) Annual Meeting (presentation and discussion), The 8th SAFE Asset Pricing Workshop, Midwest Finance Association (MFA) Annual Meeting, Financial Intermediation Research Society (FIRS) Conference (presentation and discussion), SFS Cavalcade North America (3 presentations), Econometric Society Summer Meeting (North America), Oxford Saïd and Risk Center at ETH Zürich Macro-finance Conference (discussion), PKU/PHBS Sargent Institute Workshop in Macroeconomics and Finance, Financial Markets and Corporate Governance Conference (3 presentations and 1 discussion), China International Conference in Finance (2 presentations), European Finance Association (EFA) Annual Meeting (2 presentations), The 11th Summer Institute of Finance (SIF) Conference, The 33rd Asian Finance Association Annual Meeting (5 presentations and discussion), Yale University (SOM)*, University of Texas at Austin*, University of Michigan (Ross)*, University of Oxford*, Indiana University (Kelley)*, Peking University (Guanghua)*, University of Southern California Reading Group*, Smith Business Insight webinar*, University of Pennsylvania (Econometrics Lunch)*, University of Pittsburgh (Economics)*, University of Texas at San Antonio*, San Diego State University*, Southern Denmark University (Finance)*, Hong Kong University of Science and Technology (Finance)*, Shanghai University of Finance and Economics*, The 13th Annual Paul Woolley Centre (LSE/BIS) Conference*, Tsinghua School of Economics and Management Alumni Conference*, China Financial Research Conference (CFRC)*, Financial Management Association (FMA) Annual Meeting*, The 5th Dongbei Econometrics Workshop*, New Zealand Finance Meeting*, The 34th Australasian Finance and Banking Conference*, The 28th Finance

Forum of the Spanish Finance Association*, The 2nd Annual Boca Corporate Finance and Governance Conference*, SWUFE International Macro-Finance Conference 2021*, China International Conference in Macroeconomics (CICM)*, CUHK Greater Bay Area Finance Conference*, Society of Financial Econometrics (SoFie) Annual Conference*, BPI and Nova SBE Conference in Corporate Bankruptcy and Restructuring*, The 8th SUFE Conference on Financial Markets and Corporate Finance*, NBER Asset Pricing Meeting*

2020 **Seminars:** Swiss Finance Institute at Ecole Polytechnique Fédérale de Lausanne (EPFL), University of Colorado Boulder (Leeds), City University of New York (Baruch, Zicklin), Hong Kong University of Science and Technology (Finance), University of Hong Kong (Finance), University of Pennsylvania (Wharton, 2 presentations), Duke-UNC Triangle Macro-Finance Workshop Seminar, Wharton MLG Seminar

Conferences: NBER SI Capital Markets and the Economy, The 16th Macro Finance Society Workshop, Finance, Organizations and Markets (FOM) Research Group Conference, Stanford SITE Workshop on Asset Pricing, Macro Finance, and Computation, The 7th SAFE Asset Pricing Workshop, HEC-McGill Winter Finance Workshop, The 3rd World Symposium on Investment Research, Financial Intermediation Research Society (FIRS) Conference (presentation and discussion, canceled), The 12th Florida State University SunTrust Beach Conference (canceled), Mack Institute Virtual Workshop (2 presentations), The 4th Summer Finance Workshop at the Hanqing Advanced Institute of Economics and Finance, The 17th Annual WFA-CFAR Conference on Corporate Finance and Financial Intermediation at Washington University in St. Louis, Workshop of the Discussion Group on Macro-Finance Trends, The 33rd AFBC (presentation and discussion), Western Finance Association (WFA) Conference (presentation and discussion), SFS Cavalcade North America, European Finance Association (EFA) Annual Meeting (2 presentations), Midwest Finance Association (MFA) Annual Meeting (3 presentations and 3 discussions), North Finance Association (NFA) Annual Meeting (2 presentations), RCFS/RAPS Winter Conference (discussion), The 9th Conference on Derivatives of the Canadian Derivatives Institute and HEC Montreal (discussion), Harvard University (Economics)*, PKU/PHBS Sargent Institute*, Singapore Management University*, Federal Reserve Bank of Richmond*, MIT faculty seminar*, Cambridge University (Economics)*, Georgia State University*, University of Texas at Dallas*, American Finance Association (AFA) Annual Meeting*, Econometric Society Winter Meeting (North America)*, Penn/NYU Law and Finance Conference*, Jackson Hole Finance Group Conference*, The 12th Annual Paul Woolley Centre (LSE/BIS) Conference*, Virtual Finance Theory Seminar*, Virtual Finance Workshop*, The Gary Chamberlain Online Seminar in Econometrics*

2019 **Seminars:** University of Rochester (Simon), Federal Reserve Bank of Dallas, University of Texas at Dallas (Naveen Jindal), Hong Kong University of Science and Technology (Finance), City University of Hong Kong (Finance), University of Pennsylvania (Wharton, 2 presentations), Wharton MLG Seminar

Conferences: NBER Corporate Finance Meeting, NBER Dynamic Equilibrium Models Meeting (discussion), Stanford SITE Workshop on Asset Pricing, Macro Finance, and Computation, The 6th SAFE Asset Pricing Workshop, Minnesota Finance Junior Conference, MFM/Macro Financial Modeling Winter Capstone Conference in NYC, European Finance Association (EFA) Annual Meeting (presentation and discussion), The 4th Annual Young Scholars Finance Consortium, Northeastern Finance Conference, PNC Kentucky Finance Conference, China

International Conference in Macroeconomics (CICM), PKU/PHBS Sargent Institute Workshop in Macroeconomics and Finance (2 presentations and discussion), Western Finance Association (WFA) Conference (discussion), SFS Cavalcade North America (discussion), HEC-McGill Winter Finance Workshop (discussion), Mitsui Finance Symposium at University of Michigan (discussion), NYU Stern Five-Star Conference on Research in Finance (discussion), Stanford University (GSB)*, Cornell University (Economics)*, Duke University (Economics)*, University of Wisconsin-Madison*, Johns Hopkins University*, Norwegian School of Economics*, HEC Paris*, Peking University*, Nova School of Business and Economics*, Chinese University of Hong Kong (Shenzhen)*, PKU/PHBS Sargent Institute*, Bank of Canada*, BI Norwegian Business School*, Amsterdam Business School*, McGill University (Economics)*, UC Riverside (Economics)*, Midwest Finance Association Annual Meeting (MFA)*, North Finance Association (NFA) Annual Meeting*, The 2nd HKUST-JINAN Joint Workshop on Macroeconomics*, Econometric Society Annual Meeting (Asia)*, Conference on Systemic Risk and Financial Stability at Freiburg Institute for Advanced Studies*, The Macroeconomy and Finance in China Conference by the Becker Friedman Institute at University of Chicago*, MIT Capital Markets Research Workshop (lecture)*, Mitsui Center Summer School on Structural Estimation in Corporate Finance (lecture)*

2018 **Seminars:** INSEAD (Finance), University of Pennsylvania (Economics), Peking University (Guanghua), University of Pennsylvania (Wharton, 2 presentations)

Conferences: Duke-UNC Finance Conference, MIT Junior Finance Faculty Conference, American Finance Association (AFA) Annual Meeting (2 presentations), The 2nd Corporate Policies and Asset Prices (COAP) Conference, European Finance Association (EFA) Annual Meeting (2 presentations and discussion), North American Finance Association (NFA) Annual Meeting, Mack Institute Workshop, HKUST-JINAN Macro Conference (2 presentations), PKU/PHBS Sargent Institute Workshop in Macroeconomics and Finance (discussion), Princeton University (Economics)*, Arizona State University (WP Carey)*, Federal Reserve Bank at Boston*, Yale Cowles Foundation Workshop*, HKUST Macroeconomics Conference*, HKUST Finance Symposium*

2017 **Seminars:** University of Pennsylvania (Economics), University of British Columbia (Sauder), Federal Reserve Bank of Philadelphia, University of Arizona (Eller), University of Hong Kong, University of Pennsylvania (Wharton)

Conferences: The 27th Utah Winter Finance Conference, Red Rock Finance Conference (discussion), Stanford SITE on the Macroeconomics of Uncertainty and Volatility, Conference of Macroeconomic Modelling and Model Comparison (CEPR MMCN Conference 2017 at Frankfurt), AMA Conference of Marketing Strategy Meets Wall Street, University of Wisconsin-Madison Junior Conference, Rising Five-Star Workshop at Columbia Business School, The 28th Annual Conference on Financial Economics and Accounting (CFEA), Macro Finance Modeling Summer Meeting, Western Finance Association (WFA) Conference (discussion), Midwest Financial Association (MFA) Conference (discussion), Northern Finance Association (NFA) Conference (discussion), UNC Chapel Hill Junior Finance Roundtable (discussion), Taxes University A&M (Mays)*, Nanyang Technology University in Singapore*, Singapore Management University*, Hong Kong University of Science and Technology*, Hong Kong Joint Finance Research Workshop*, The 30th Australasian Finance and Banking Conference*, 2017 Auckland Finance Meeting*

	2016	**Seminars:** University of Chicago (Booth), Duke University (Fuqua), University of Minnesota Twin Cities (Carlson), Cheung Kong Graduate School of Business (CKGSB), The Ohio State University (Fisher), Texas University A&M (Mays), UCLA (Anderson), University of Pennsylvania (Wharton), Wharton Macro Lunch Seminar, The University of North Carolina at Chapel Hill (Kenan–Flagler), Washington University in St. Louis (Olin) **Conferences:** Stanford SITE on New Models in Macro Finance, American Economic Association (AEA) Conference, SFS Finance Cavalcade (discussion)
	2015	**Seminars:** MIT (Sloan) **Conferences:** Macro Financial Modeling (MFM) Group Meeting at New York City, CSRA Conference, Norwegian School of Economics*, Paris School of Economics*, Polytechnique*
	2014	**Seminars:** MIT Finance Lunch Seminar **Conferences:** Joint Statistical Meeting, University of Chicago (Booth)*, Harvard University (HBS)*, Northwestern University (Kellogg)*, New York University (Stern)*, Washington University in St. Louis (Olin)*, New York University (Statistics)*, London School of Economics*, Temple University*, Cheung Kong Graduate School of Business (CKGSB)*, Food and Drug Administration (FDA)*, University of Florida Winter Workshop*, Utah Winter Finance Conference*
	2013	**Seminars:** MIT Finance Lunch Seminar **Conferences:** Macro Financial Modeling (MFM) Meeting Group at Chicago, MIT (Sloan)*, Chicago CITE Conference*, INSEAD*, ITAM Finance Conference*, Macro Finance Workshop*, NBER Asset Pricing Meeting*, NBER SI Capital Markets and Economy Meeting*, Red Rock Finance Conference*, UBC Winter Finance Conference*, Western Finance Association (WFA) Conference*
	2010	**Seminars:** MIT Econometrics Lunch Seminar, Yale University, Goldman Sachs Asset Management, Columbia University (Biostatistics)
	2009	**Seminars:** J.P. Morgan, Yale University Economics on Ambiguity and Uncertainty **Conferences:** Conference on Modeling High Frequency Data in Finance, Joint Statistical Meeting, The 2nd IMS-China International Conference on Statistics and Probability, The first IMS-Asia Pacific Rim Meeting, The 23rd New England Statistics Symposium, Workshop on "Nonparametric Statistics, Refined, Redefined and Renewed", Workshop on Innovation and Inventiveness in Statistical Methodologies, University of Pennsylvania (Statistics)*, Columbia University (Statistics)*
	2008	**Seminars:** J.P. Morgan
INVITED CONFERENCE DISCUSSIONS	2025	SFS Finance Cavalcade Conference (2 Discussions) UD/Philly Fed Fintech & Financial Institutions Conference Kentucky Finance Conference
	2024	The 8th Annual Young Scholars Finance Consortium The 9th University of Connecticut Finance Conference Western Finance Association (WFA) Conference SFS Finance Cavalcade Conference

LBS Summer Finance Symposium
Red Rock Finance Conference
Jacobs Levy Center's 2024 Frontiers in Quantitative Finance Conference
NBER AI and Big Data
Wharton Conference on Liquidity and Financial Fragility

2023 American Finance Association (AFA) Annual Meeting
NYU Stern Microstructure Conference
SFS Finance Cavalcade Conference
Jacobs Levy Center's 2023 Frontiers in Quantitative Finance Conference
China International Conference in Finance (CICF)
Bretton Woods Accounting and Finance Conference
ILE/Wharton Law and Finance Seminar
Midwest Finance Association (MFA) Annual Meeting (2 Discussions)

2022 Conference on Frontiers in Machine Learning and Economics at Philadelphia Fed
Finance, Organizations and Markets (FOM) Research Group Conference
The 5th World Symposium on Investment Research
Western Finance Association (WFA) Conference
SFS Finance Cavalcade Conference
PKU/PHBS Sargent Institute Workshop on Macroeconomics and Finance
Midwest Finance Association (MFA) Annual Meeting (2 Discussions)

2021 The 4th Finance Symposium at INSEAD
ILE/Wharton Law and Finance Seminar
Oxford Saïd – Risk Center at ETH Zürich Macro-finance Conference
Western Finance Association (WFA) Conference
Financial Intermediation Research Society (FIRS) Conference
Asian Finance Association Annual Conference
Financial Markets and Corporate Governance Conference

2020 The 33rd AFBC
The 9th Conference on Derivatives by the CDI and HEC Montreal
Western Finance Association (WFA) Conference
RCFS/RAPS Winter Conference
Financial Intermediation Research Society (FIRS) Conference
Midwest Finance Association (MFA) Annual Meeting (3 Discussions)

2019 NYU Five-Star Conference on Research in Finance
NBER Dynamic Equilibrium Models Meeting
European Finance Association (EFA) Conference
Western Finance Association (WFA) Conference
SFS Finance Cavalcade Conference
Mitsui Finance Symposium at University of Michigan
HEC-McGill Winter Finance Workshop

2018 PKU/PHBS Sargent Institute Workshop on Macroeconomics and Finance
European Finance Association (EFA) Conference

2017 UNC Chapel Hill Junior Finance Roundtable
Red Rock Finance Conference
Northern Finance Association (NFA) Conference
Western Finance Association (WFA) Conference
Midwest Finance Association (MFA) Annual Meeting

2016 SFS Finance Cavalcade Conference

STUDENTS

Doctoral (* = Chair): Yicheng Zhu (Wharton, 2020, Hong Kong University of Science and Technology), Juan Imbet (Universitat Pompeu Fabra, 2021, Universite Paris Dauphine - PSL), Hongye Guo (Wharton, 2022, University of Hong Kong), Maria Gelrud (Wharton, 2022, Boston Consulting Group, now IMF), Di Tian* (Penn Economics, 2023, Hong Kong University of Science and Technology), Sun Yong Kim (Kellogg, 2024, Georgia Institute of Technology), Tasaneeya Viratyosin (Wharton, Expected 2026), Benjamin David (Wharton, Expected 2026)

Bachelor (* = Pursue PhD Studies): Shaolong Lorry Wu* (Joined Harvard Business School PhD Program, Penn Nassau Fund Award), Yifeng Vic Wu* (Joined Princeton Economics PhD Program), Willow Wilkes (Penn 2024 Rose Award), Ziyuan Lan, Yujie Stephanie Wu, Yijing Ren, Noah Ahmadi, Vinayak Kumar, Sean Du, Lisa Huang, Thomas Pei, Pragyat Agrawal, Scott Klein, Gaurish Gaur, Seth Thayumanavan, Patrick Ledoit, Sparsh Agrawal, Rishabh Mandayam, Maya Kfir

MBA: Sunny Guo, Christina Dou

TEACHING

FNCE206/717: Financial Derivatives (undergraduate and MBA)
FNCE934: Advanced Topics in Dynamic Asset Pricing (2nd year PhD)
FNCE911: Foundations for Financial Economics (1st year PhD)

RESEARCH GRANT AWARDS

Research Grant Award by The Jacobs Levy Equity Management Center for Quantitative Financial Research: 2018, 2019 2021, 2022, 2023

Research Grant Award by Mack Institute for Innovation Management: 2017, 2019, 2022, 2025

Research Grant Award by Wharton AI & Analytics Initiative: 2022, 2023, 2024, 2025

Research Grant Award by the Environmental, Social and Governance (ESG) Initiative of the Wharton School: 2022

Hong Kong RGC GRF Grant (Project No. 16502022, Y. Ji and W. Wu): 2022

Insight Grants, Social Sciences and Humanities Research Council of Canada: 2021

Penn Undergraduate Research Mentoring Program (PURM) Award: 2019

Research Grant Award by Rodney L White Center for Financial Research: 2017, 2018