# Zhengyang JIANG

Associate Professor of Finance
Kellogg School of Management, Northwestern University

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August 25, 2022 | Link to Latest CV

## Academic Appointments

**Kellogg School of Management, Northwestern University**, Evanston

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| 2022— | Associate Professor of Finance (Untenured) |
| 2018—2022 | Assistant Professor of Finance |
| 2018—2019 | Donald P. Jacobs Scholar |

**Professional Affiliations**

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| 2022— | Faculty Research Fellow, **National Bureau of Economic Research (NBER)** |
| 2020— | Affiliate Member, **Center for Economic Studies/ifo Institute (CESifo)** |
| 2018— | Member, **Macro Finance Society** |

## Research Interests

**International Finance/Macro:** Exchange Rates, Government Debt, Capital Flows.
**Financial Intermediation:** Safe Assets, Financial Cycles, Monetary Policy.
**Asset Pricing:** Global Risk Factors, Portfolio Allocation, Incomplete Market Theory.

## Education

**Stanford Graduate School of Business**, Stanford

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| 2013—2018 | Ph.D. in Finance.<br>Dissertation: *Exchange Rate as a Monetary–Fiscal Phenomenon*.<br>Advisors: Hanno Lustig, John Cochrane, Darrell Duffie, Svetlana Bryzgalova. |

**California Institute of Technology**, Pasadena

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| 2010—2013 | B.Sc. in Mathematics and in Business, Economics, and Management. |

## Awards, Honors and Grants

2022 **Nasdaq Award for the Best Paper on Asset Pricing** at Western Finance Association
For *A Portfolio Approach to Global Imbalances*, with Robert Richmond and Tony Zhang

2021 **National Science Foundation Award** No. 2049260
Collaborator for *The Valuation of Public Debt in the U.S. and across Countries*
with Hanno Lustig, Stijn Van Nieuwerburgh, and Mindy Z. Xiaolan

2020 **Winner Best Paper Award** at Vienna Symposium on Foreign Exchange Markets
For *A Portfolio Approach to Global Imbalances*, with Robert Richmond and Tony Zhang

2018 **Cubist Systematic Strategies Ph.D. Candidate Award for Outstanding Research**
Western Finance Association

## Awards, Honors and Grants (Continued)

2013 **Jaedicke Merit Award for Outstanding Academic Performance**
Stanford Graduate School of Business

2013 **H. J. Ryser Scholarship for Excellence in Scholarship in Mathematics**
California Institute of Technology

2009 **Gold Medal** in the **National Final of Olympiad in Informatics (NOI)** in China
China Computer Federation. Ranked 4th Nationwide at Summer Camp

## Research Papers

### I. The Fiscal Origin of Debt and Currency Valuation

**1. US Fiscal Cycle and the Dollar**

*Journal of Monetary Economics (2021)*

**2. Fiscal Cyclicality and Currency Risk Premia**

*Review of Financial Studies (2022)*

**3. The U.S. Public Debt Valuation Puzzle**
with Hanno Lustig, Stijn Van Nieuwerburgh, and Mindy Z. Xiaolan

**4. Manufacturing Risk-free Government Debt**
with Hanno Lustig, Stijn Van Nieuwerburgh, and Mindy Z. Xiaolan

**5. Bond Convenience Yields in the Eurozone Currency Union**
with Hanno Lustig, Stijn Van Nieuwerburgh, and Mindy Z. Xiaolan

**6. What Drives Variation in the U.S. Debt/Output Ratio? The Dogs that Didn't Bark**
with Hanno Lustig, Stijn Van Nieuwerburgh, and Mindy Z. Xiaolan

**7. Exorbitant Privilege Gained and Lost: Fiscal Implications**
with Zefeng Chen, Hanno Lustig, Stijn Van Nieuwerburgh, and Mindy Z. Xiaolan

### II. Safe Assets and the Architecture of International Monetary System

**8. Foreign Safe Asset Demand and the Dollar Exchange Rate**
with Arvind Krishnamurthy and Hanno Lustig

*Journal of Finance (2021)*

**9. Dollar Safety and the Global Financial Cycle**
with Arvind Krishnamurthy and Hanno Lustig

*Revise and Resubmit at the Review of Economic Studies*

**10. The Reserve Supply Channel of Unconventional Monetary Policy**
with William Diamond and Yiming Ma

*Revise and Resubmit at the Journal of Financial Economics*

**11. The Rest of the World's Dollar-Weighted Return on U.S. Treasurys**
with Arvind Krishnamurthy and Hanno Lustig

**12. Beyond Incomplete Spanning: Convenience Yields and Exchange Rate Disconnect**
with Arvind Krishnamurthy, Hanno Lustig, and Jialu Sun

**13. Market Incompleteness and Exchange Rate Spill-over**

**14. The Liquidity Premium of Digital Payment Vehicles**
with Zefeng Chen

**15. Hansen-Jagannathan Bound with Convenience Yield**
with Robert Richmond

III. Macro–Asset Pricing

**16. Origins of International Factor Structures**
with Robert Richmond

*Journal of Financial Economics (Accepted)*

**17. A Portfolio Approach to Global Imbalances**
with Robert Richmond and Tony Zhang

*Revise and Resubmit at the Journal of Finance*

**18. Personality Differences and Investment Decision-Making**
with Cameron Peng and Hongjun Yan

*Revise and Resubmit at the Journal of Financial Economics*

**19. Divided We Fall: International Health and Trade Coordination during a Pandemic**
with Viral Acharya, Robert Richmond and Ernst-Ludwig von Thadden

## Conference Proceedings and Invited Contributions

**1. Foreign Safe Asset Demand for U.S. Treasurys and the Dollar**
with Arvind Krishnamurthy and Hanno Lustig

*AEA Papers and Proceedings (2018)*

**2. A Valuation Approach to Government Balance Sheet**

*Peterson Foundation, America's Fiscal and Economic Outlook: Where Do We Go from Here (2021)*

**3. Measuring U.S. Fiscal Capacity using Discounted Cash Flow Analysis**
with Hanno Lustig, Stijn Van Nieuwerburgh, and Mindy Z. Xiaolan

*Brookings Papers on Economic Activity (Under Preparation)*

## Presentations

2022 AEA, Princeton, ASU Sonoran Winter Finance Conference, NBER Spring IFM, NW Kellogg, Western Finance Association, Society for Economic Dynamics, CESifo Area Conference, European Finance Association

*By Coauthors:* Peking University, Fed Board, NBER Spring LTAM, Adam Smith, SFS Cavalcade, Western Finance Association, Society for Economic Dynamics, China Fintech Research Conference, Asian Meeting of the Econometric Society, China International Conference in Finance

2021 AEA, Minnesota, NW Kellogg, Network Science in Economics Conference, Wisconsin, Adam Smith Workshops, CEPR 6th International Macroeconomics and Finance Conference, World Symposium on Investment Research, Yale, CEPR European Summer Symposium in International Macroeconomics, INSEAD Finance Symposium, Financial Intermediation Research Society, NBER SI AP, University of Rochester, University of Maryland, Chicago Booth, Swiss National Bank Workshop on Exchange Rates.

*By Coauthors:* AFA, Columbia, Berkeley, Virtual Finance Workshop, NBER Spring IFM, Midwest Finance Association, JHU Cary Finance Conference, Annual Conference of The Paul Woolley Centre, New York Fed/NYU Stern Conference on Financial Intermediation, Western Finance Association, Online International Finance & Macro Seminar, Society for Economic Dynamics, CEBRA, NBER SI IAP, European Finance Association, 4th IMF Annual Macro-Financial Research Conference, Junior Finance and Macro Conference, Macro Finance Society, BdF-BoE-BdI International Macroeconomics Workshop, BdF-CEPR conference on Monetary Policy, Fiscal Policy and Public Debt in a Post COVID World.

2020 NW Kellogg, Virtual Behavioral Finance Workshop, Midwest Finance Association, Vienna Symposium on Foreign Exchange Markets, National University of Singapore, UT Austin, Bank of Canada, European Winter Meetings of the Econometric Society.

*By Coauthors:* AFA, Columbia Business School, Imperial College, London Business School, Boston University, Federal Reserve Board, Virtual Finance Workshop, Western Finance Association, NBER SI AP/MEFM, University of Geneva, the Triangle Macro-Finance Workshop, the Vienna Symposium on Foreign Exchange Markets, the Online International Finance and Macro Seminar, Wharton, Johns Hopkins, University of Utah, University of Amsterdam, Durham University, the Junior Macro-Finance Workshop.

2019 Adam Smith Workshops, Chicago Fed, World Symposium on Investment Research, NW Kellogg, SFS Cavalcade North America, Mitsui Finance Symposium, Western Finance Association, Society for Economic Dynamics, CEBRA, Vienna Symposium on Foreign Exchange Markets, European Finance Association, Stanford Institute for Theoretical Economics, Advances in Macro-Finance Tepper-LAEF Conference, Federal Reserve Board, UNC Kenan-Flagler, Chicago Booth Asset Pricing Conference, Tsinghua PBCSF, Shanghai Advanced Institute of Finance.

*By Coauthors:* AFA, AEA, NBER Spring CF, Society for Economic Dynamics, Annual Conference in International Finance, NBER SI IFM, Columbia New Empirical Finance Workshop, Hong Kong University of Science and Technology, CIRANO-Walton Workshop on Networks in Economics and Finance, Federal Reserve Board.

## Presentations (Continued)

2018 NW Kellogg, UW Foster, NYU Stern, Imperial College Business School, London School of Economics, New York Fed, USC Marshall, Chicago Booth, Wharton, Western Finance Association, CESifo Area Conference, NBER SI IFM, Vienna Symposium on Foreign Exchange Markets, Cubist Systematic Strategies, Columbia Business School, HKUST Finance Symposium, CUHK.

*By Coauthors:* Carnegie Mellon, Chicago Booth, Columbia Business School, Harvard Business School, New York Fed, NYU, Ohio State, San Francisco Fed, Stanford, UT Austin, UC Boulder, Vienna Symposium on Foreign Exchange Markets, NBER Fall AP.

2017 Whitebox Advisors Graduate Student Conference on Behavioral Science.

2015 China International Conference in Finance, Australasian Finance and Banking Conference.

## Discussions

2022 Adrien d'Avernas, Quentin Vandeweyer: *Treasury Bill Shortages and the Pricing of Short-Term Assets.* European Finance Association.

2022 Magnus Dahlquist, Anna Pavlova, Christian Heyerdahl-Larsen, Julien Pénasse: *International Capital Markets and Wealth Transfers.* Vienna Symposium on Foreign Exchange Markets.

2022 Min Cui, Ilias Filippou, Siming Liu: *Technology Diffusion and Currency Risk Premia.* China Financial Research Conference.

2022 Ric Colacito, Yan Qian, Andreas Stathopoulos: *Global Sales, International Currencies and the Currency Denomination of Debt.* Western Finance Association.

2022 Giancarlo Corsetti, Simon Lloyd, Emile Marin, Daniel Ostry: *The U.S. as a Safe Haven: Evidence from Convenience Yields, Exchange Rates and Country Risk in the Short and Long Run.* Annual BIS-BoE-ECB-IMF Research Conference.

2021 Pasquale Della Corte, Hsuan Fu: *Presidential Cycles and Exchange Rates.* CBOE Conference on Derivatives and Volatility.

2021 Yang Liu, Amir Yaron, Lukas Schmid: *The Risks of Safe Assets.* BYU Red Rock Finance Conference.

2021 Xiang Fang, Yang Liu, Nikolai Roussanov: *Getting to the Core: Inflation Risks Within and Across Asset Classes.* Vienna Symposium on Foreign Exchange Markets.

2021 Mikhail Chernov, Magnus Dahlquist, and Lars A. Lochstoer: *Pricing Currency Risks.* University of Connecticut Finance Conference.

2020 Yang Liu, Ivan Shaliastovich: *Government Policy Approval and Exchange Rates.* European Finance Association.

2020 Marcus Hagedorn: *An Equilibrium Theory of Nominal Exchange Rates.* CESifo Area Conference on Macro, Money, and International Finance.

2020 Bryan Gutierrez, Victoria Ivashina, Juliana Salomao: *Why is Dollar Debt Cheaper? Evidence from Peru.* BI-SHoF 6th Annual Conference in Asset Pricing and Financial Econometrics.

## Discussions (Continued)

2020 Valentina Bruno, Hyun Song Shin: *Dollar Exchange Rate as a Credit Supply Channel: Evidence from Firm-Level Exports.* American Finance Association.

2020 Egemen Eren, Semyon Malamud: *Dominant Currency Debt.* American Finance Association.

2019 George Panayotov: *Global Risks in the Currency Market.* European Finance Association.

2019 Robert Dittmar, Alex Hsu, Guillaume Roussellet, Peter Simasek: *Default Risk and the Pricing of U.S. Sovereign Bonds.* HEC-McGill Winter Finance Workshop.

2018 Winston Wei Dou, Adrien Verdelhan: *The Volatility of International Capital Flows and Foreign Assets.* European Finance Association.

2015 Oleg Chuprinin, Thomas Ruf: *When Pessimism Doesnt Pay Off: Determinants and Implications of Stock Recalls in the Short Selling Market.* Australasian Finance and Banking Conference.

## Professional Activities

### Refereeing

*American Economic Review, European Economic Review, Journal of Banking and Finance, Journal of Finance, Journal of Financial Economics, Journal of Financial and Quantitative Analysis, Journal of Monetary Economics, Review of Economic Dynamics, Quarterly Journal of Economics, Review of Finance, Review of Financial Studies, Management Science.*

### Initiatives

Online International Finance & Macro Seminar (2020—2021), Co-Organizer, https://www.oifmseminar.com/

### Program Committees

Midwest Finance Association (2020), Vienna Symposium on Foreign Exchange Markets (2020—2022), Western Finance Association (2021—2022), European Finance Association (2021—2022), China Financial Research Conference (2021—2022).

### Lectures

SoFiE Financial Econometrics Summer School: *The Econometrics and Asset Pricing of Foreign Exchange Market* (2019).

## Students and Placements

### Ph.D.

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| 2021 | Zefeng Chen | Guanghua School of Management, Peking University |
| 2020 | Shixiang Xia | Hong Kong Polytechnic University (Postdoc/Research Prof) |

### Pre–Doctoral

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| 2022 | Jialu Sun | Kellogg School of Management, Northwestern University |
| 2020 | Daojing Zhai | Yale School of Management |

## Teaching

**Kellogg School of Management, Northwestern University**

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| 2018— | FINC 430, Finance I (MBA). |
| 2018— | BUS INST 304, Corporate Finance (Undergraduate). |

**Stanford Graduate School of Business**, as Teaching Assistant

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| 2017—2018 | FIN 305, Capital Markets and Institutional Investing (MBA). |
| 2015—2017 | FIN 310, Finance – Advanced (MBA). |

## Community

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| 2018— | Alumni Interviewer for Stanford University's Undergraduate Admission. |
| 2017 | Cellist at Stanford Summer Symphony Orchestra. |