Gordon Y. Liao

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Education

Harvard University *Cambridge, MA*
Ph.D., A.M, Economics *2013 - 2017*

Harvard University *Cambridge, MA*
A.B. Applied Mathematics *2007-2011*

Professional Experience

2022- **Chief Economist**, Circle Internet Financial
2022- **Research Fellow**, Cornell Fintech Initiative
2022- **Co-chair**, National Association for Business Economics Finance Roundtables
2022- **Advisor**, Uniswap Labs
2021-2022 **Head of Research**, Uniswap Labs
2018-2021 **Senior Economist**, Board of Governors of the Federal Reserve System
2020-2021 **Consultant**, Commodity Futures Trading Commission
2017-2018 **Partner & Portfolio Manager**, Cambridge Square Capital
2011-2013 **Portfolio Manager**, Harvard Management Company

Research interests

Financial Intermediaries, International Finance, Asset Pricing, Behavioral Finance, Digital Currency

Publications

Published

Liao, G.Y. and Zhang, T., "The Hedging Channel of Exchange Rate Determination." **Review of Financial Studies**, forthcoming

Liao, G.Y., 2020. ”Credit migration and covered interest rate parity.” **Journal of Financial Economics**, 138(2), pp.504-525.

Barro, R.J. and Liao, G.Y., 2021. ”Rare disaster probability and options pricing.” **Journal of Financial Economics**, 139(3), pp.750-769.

Greenwood, R., Hanson, S.G. and Liao, G.Y., 2018. ”Asset price dynamics in partially segmented markets.” **Review of Financial Studies**, 31(9), pp.3307-3343.

Sands, P., Liao, G. and Ma, Y., 2018. ”Rethinking operational risk capital requirements.” **Journal of Financial Regulation**, 4(1), pp.1-34.

Working paper

"U.S. Banks and Global Liquidity" (with Ricardo Correa and Wenxin Du)

"U.S. Dollar Currency Premium in Corporate Bonds" (with John Caramichael and Gita Gopinath)

"The Price Effects of Innovative Security Design" (with Claire Celerier and Boris Vallee)

”Stablecoins: Growth Potential and Impact on Banking" (with John Caramichael)

”Macroprudential Considerations for Tokenized Cash"

”On-Chain Foreign Exchange and Cross-Border Payments" (with Austin Adams, Mary-Catherine Lader, David Puth, and Xin Wan)

”Beyond Speculation Payment Stablecoins for Real-Time Gross Settlements" (with Thomas Hadeed and Ziming Zeng)

Non-referred manuscripts

"The Dominance of Uniswap v3 Liquidity joint." 2022. (with Dan Robinson)

"Uniswap Returns for Passive Liquidity Providers." 2022. (with Austin Adams)

"Average Marginal Income Tax Rates in New Zealand, 1907-2009" (with Debasis Bandyopadhyay, Robert J. Barro, Jeremy Couchman, Norman Gemmell, and Fiona McAlister)

Select op-eds

"Banks Dominate Payment Systems. The Risks Are All Too Clear." March 26, 2023. Barron's

"Payment versus trading stablecoins." March 25, 2023. VoxEU

"Currency hedging, exchange rate movement, and dollar swap line usage during the Covid-19 pandemic", October 1, 2020. VoxEU

Honors, Awards

2023	**Best Paper Award at D.C. Fintech Week 2023**,
2016	**Best Finance Ph.D. Award at the 13th Corporate Finance Conference**, Washington University in St. Louis
2016	**Bradley Foundation Fellowship**,
2013-2017	**Harvard Business School Doctoral Fellowship**,
2011	**Phi Beta Kappa**,
2011	**High Honors in Field**, Harvard Collegen
2010	**AmeriCorps Student Leader in Service**,
2009	**John Harvard Scholar**, Harvard College
2008	**Harvard University Human Rights Summer Fellowship**,
2008	**Weissman Fellowship**, Harvard College

Academic Presentations

OCC Symposium on the Tokenization of Real-World Assets and Liabilities (spring 2024), Federal Reserve Board (spring 2024), Bank of International Settlements (fall 2023), American Enterprise Institute (fall 2023), IMF-MCMPI (spring 2023), Banque de France (spring 2023), CBER Forum webinar (fall 2022), Bank of Canada (spring 2022), University of Hawaii Shidler College of Business (2022), University of Washington Foster School of Business (fall 2021), UC Berkeley Econ (fall 2021), UC Berkeley Haas School of Business (fall 2021), European Finance Association Conference (2021), NBER SI IFM (2021), NBER SI IAP (2021), BIS (2021), SF FRB (2021), Toronto Rotman* (2020), LSE Systemic Risk Centre (2020), U.S. Department of Treasury (2020), University of Maryland (2020), CFTC (2020), Bank Policy Institute (2020), UNC Junior Finance Round Table (2020), NBER SI MEFM/AP Joint Session (2020), AEA (2020), International Macro Finance Conference (2019), SNB-FRB-BIS Conference on Global Risk, Uncertainty, and Volatility (2019), UCLA* (2019), Stanford Institute for Theoretical Economics (2019), Fourth Annual Young Scholars Finance Consortium (2019), Midwest Finance Conference (2019), Oxford* (2018), LSE* (2018), Econometric Society Winter Conference (2018), IMF RESMF-FRBIF workshop (2018), West Coast International Finance Conference (2018), UC Davis* (2018), Stanford* (2018), SAFE Asset Pricing Workshop (2018), Federal Reserve Board (2018), AQR (2018), Blackrock (2018), Bank of International Settlement Symposium on Covered Interest Rate Parity (2017)

(* brownbag or ad hoc seminar)

Discussions

E. Faia, J. Salomao, and A. Ventula Veghazy "Granular Investors and International Bond Prices: Scarcity Induced Safety," NBER IFM Spring, 2022

R. Kerkre and M. Lenel "Dollar Demand and International Risk Sharing," American Economic Association, 2021

S. Bahaj and R. Reis, "Central Bank Swap Lines: Evidence on the Effects of the Lender of Last Resort," Western Finance Association, 2019

W. Du, B. Hébert, and A. Huber, “Are Intermediary Constraints Priced?”, NBER IFM Fall 2019 meeting

N. Boyarchenko, T. Eisenbach, P. Gupta, O. Shachar, and P. Van Tassel, ”Bank-Intermediated Arbitrage”, WFA 2020

Teaching Experience

Spring 2016 **Behavioral Finance, Ph.D. level**, Teaching Fellow
Fall 2015 **HBS Case Method Teaching Training**, Participant
Fall 2015 **Applied Quantitative Finance**, Teaching Fellow

Referee

Quarterly Journal of Economics, Review of Financial Studies, Journal of International Economics, Journal of Financial Economics, International Finance, Journal of International Money and Finance, Management Science