

Eric Qian

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Graduate Studies

Princeton University	2020 –
Ph.D. Student in Economics	
Expected Completion Date: June 2026	

Expected Fields

PRIMARY: Macroeconomics, Econometrics
SECONDARY: Finance

Prior Education

New York University	2018–2019
Non-Degree Student, 2018–2019	
University of North Carolina at Chapel Hill	2014–2018
B.S. in Mathematics and Statistics (Highest Distinction)	
Duke University	2014–2018
Minor in Economics (Robertson Scholars Program)	

Research Positions

Senior Research Analyst , Federal Reserve Bank of New York	2018 –2020
Summer Analyst , Federal Reserve Bank of New York	2017
Junior Visiting Scholar , University of Oxford, Nuffield College	2016

Coauthored Publications and Ongoing Projects

1. *Nowcasting the Great Recession* with Patrick Adams, Domenico Giannone, Argia Sbordone, and Mihir Trivedi. Forthcoming chapter in *Alternative Economic Indicators* (2019).

We use vintage data to assess the forecasting accuracy of GDP growth predictions from the New York Fed Staff Nowcast. Then, we construct an exercise assessing how data delays similar to those from the 2019 partial federal government shutdown affect the ability to monitor macroeconomic conditions. After simulating similar patterns of data scarcity for past quarters, we find that the releases unaffected by the shutdown provide ample information for generating accurate predictions.

2. *A Large Bayesian VAR of the U.S. Economy* with Richard Crump, Stefano Eusepi, Domenico Giannone and Argia Sbordone. Mimeo (2020).

Modeling the United States macroeconomic and financial sectors with a 31-variable Bayesian VAR, we show the value in accounting for the joint dynamics of large number of indicators for policy applications. We assess the effect of the 2015 volatility in financial markets on real economic activity, (loosely) decomposing the episode into a positive supply shock and negative demand shock. Next, we estimate the effect of the 2017 Tax Cut and Jobs Act on macro-financial conditions by conditioning on cyclically-adjusted tax revenue. Exploiting the model's coverage of macroeconomic and financial indicators, we construct a financial conditions index that accommodates for dynamic heterogeneity in the transmission of financial variables. We conclude by constructing a vintage dataset to assess the model's forecasting performance in real-time and find that it performs comparably to common statistical benchmarks.

Blog Articles

1. [What Do Financial Conditions Tell Us about Risks to GDP Growth?](#) with Patrick Adams, Tobias Adrian, Nina Boyarchenko, Domenico Giannone, and Nellie Liang. Federal Reserve Bank of New York, Liberty Street Economics (May 21, 2020).
2. [Just Released: Historical Reconstruction of the New York Fed Staff Nowcast, 2002–15](#) with Patrick Adams, Domenico Giannone, and Argia Sbordone. Federal Reserve Bank of New York, Liberty Street Economics (July 12, 2019).
3. [Global Trends in Interest Rates](#) with Marco Del Negro, Domenico Giannone, Marc Giannoni, Andrea Tambalotti, and Brandyn Bok. Federal Reserve Bank of New York, Liberty Street Economics (February 27, 2019).
4. [Monitoring Economic Conditions during a Government Shutdown](#) with Patrick Adams, Domenico Giannone, and Argia Sbordone. Federal Reserve Bank of New York, Liberty Street Economics (February 5, 2019).
5. [Opening the Toolbox: The Nowcasting Code on GitHub](#) with Patrick Adams, Brandyn Bok, Daniele Caratelli, Domenico Giannone, Argia M. Sbordone, Camilla Schneier, and Andrea Tambalotti. Federal Reserve Bank of New York, Liberty Street Economics (August 10, 2018).

Honors, Scholarships, and Grants

VAULT Award, Federal Reserve Bank of New York	2018,2020
Robertson Scholars Program, UNC-Chapel Hill and Duke University	2014-2018
Departmental Highest Honors, UNC-Chapel Hill Department of Statistics & Operations Research	2018
Honors Carolina Laureate, UNC-Chapel Hill	2018
Phi Beta Kappa, UNC-Chapel Hill	2018
ERC Advanced Grant (AdG 694262)	2017-2022

Skills

MATLAB, R, \LaTeX , Stata, EViews, SAS, Java, SQL, HTML, CSS

Personal

Nationality American
Activities Running, making coffee, tennis, cello

Last updated: August 2020