

Paul L. Tran

(he/him/his)

Curriculum Vitae (CV)

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Office: Department of Economics,
College of Liberal Arts,
University of Texas at Austin,
2225 Speedway,
BRB 2.128, C3100,
Austin, Texas 78712

Citizenship: United States of America

Cell: +1 (512) 704-3025

Email: pltran@utexas.edu

Website: <https://paulletran.com/>

EDUCATION

2020–May 2026 (Expected)	PhD	Economics	University of Texas at Austin
• Dissertation: “Essays on Applications of Text Analysis in Macroeconomics”			
2023	MS en Passant	Economics	University of Texas at Austin
2017	BA	Mathematics, Mathematical Economics	Pomona College

RESEARCH INTERESTS

- **Fields:** Macroeconomics, Monetary Economics
- **Methods:** Text Analysis, Machine Learning

DISSERTATION COMMITTEE AND REFERENCES

Olivier Coibion (Co-Supervisor) Department of Economics University of Texas at Austin ocoibion@austin.utexas.edu +1 (512) 475-8537	Christoph Boehm (Co-Supervisor) Department of Economics University of Texas at Austin cboehm@utexas.edu +1 (734) 548-1090
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Saroj Bhattarai Department of Economics University of Texas at Austin saroj.bhattarai@austin.utexas.edu +1 (512) 475-8539	Amy Handlan Department of Economics Brown University amy_handlan@brown.edu
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WORKING PAPERS

1. Tran, Paul L. (2025). “How Long Do Markets Need to Fully React to Monetary Policy Announcements?”
Job Market Paper. URL: https://paulletran.com/papers/wps/tran_paul_le_fomc_nn_paper_jmp.pdf.
Abstract: This paper shows that financial markets need more time to fully react to Federal Open Market Committee (FOMC) policy announcements than typically assumed. Using finance literature techniques and neural network methods for text analysis, I systematically estimate that on average, markets fully react to the information content of FOMC statements within an event window *ending at least 30 minutes* after release. This optimal window increases with the underlying maturity of an asset, reaching 50–60 minutes in length for maturities at least two quarters ahead. Additionally, statements with greater complexity, less similarity, and dissents are associated with longer event windows on average. I find that the correlation between monetary policy surprises measured within optimal versus conventional 30-minute windows decreases with asset underlying maturity. These differences alter the forward guidance component of monetary policy shocks and magnify their estimated impact on interest rates, break-even inflation, and equity prices. Furthermore, monetary policy shocks constructed in optimal windows results in the responses of macroeconomic variables to become more precise.
2. Tran, Paul L. (2025). “Deciphering Financial Market Reactions to OPEC Announcements: A Neural Network Approach”. SSRN Working Paper No 4968664. URL: <https://dx.doi.org/10.2139/ssrn.4968664>.
Abstract: This paper shows that OPEC communications affect oil supply expectations, oil prices, and the macroeconomy beyond the effects of setting production limits and changing current production. Using neural network methods for text analysis, I create a new oil supply expectations “text shock” from OPEC statements that is derived from variation in oil futures prices purified of noise, demand information, and

endogenous responses to global economic activity. The “purified surprises” correlate with 74% of the observed supply surprises. Impulse responses from vector autoregressions using my shock do not exhibit output puzzles and are more consistent with theory than those previously reported.

TEACHING HISTORY

- Since Fall 2024, student evaluations have rated my teaching 4.6 out of 5 on average.
- Since Fall 2020, student evaluations have rated my teaching assistance 4.4 out of 5 on average.
- I earned an [Advanced Teaching Preparation Certificate](#) in 2023 from the University of Texas at Austin.

University of Texas at Austin	Assistant Instructor	Fall 2024–	Introduction to Macroeconomics
	Teaching Assistant	Spring 2024	Macro and the Labor Market (MA course), Andreas Mueller
			Labor Economics (MA course), Gerald Oettinger
		Fall 2021–2023	Introduction to Microeconomics (Synchronous Massive Online Course for fall), Charity-Joy Acchiardo, Wayne Geerling, Dirk Mateer
		Summer 2022	Health Economics, Helen Schneider
		Fall 2020,	Introduction to Macroeconomics,
		Spring 2021	Michael Sadler, Charity-Joy Acchiardo

OTHER EMPLOYMENT HISTORY

- Please see the “Teaching history” section for details about my teaching employment and experience.

2018–2020	Senior Research Assistant	Board of Governors of the Federal Reserve System
2017–2018	Research Assistant	Board of Governors of the Federal Reserve System

HONOURS AND AWARDS

2020–	Graduate Teaching Fellowship	University of Texas at Austin	
2025	PhD Summer Research Fellowship	University of Texas at Austin	\$5,000
2025	Empirical Macro Economics Policy Center of Texas Dissertation Funding	University of Texas at Austin	\$1,919
2024	PhD Summer Research Fellowship	University of Texas at Austin	\$5,000
2023	PhD Summer Research Fellowship	University of Texas at Austin	\$3,000
2017	Distinction in Economics Senior Exercise	Pomona College	
2016	Harry G. Steele Scholarship	Pomona College	\$4,000
2014–2015	Pomona College Scholar	Pomona College	
2013	Flextronics Texas Scholarship	Pomona College	\$1,000

MISCELLANEOUS INFORMATION

- **Programming:** Matlab, Python, Bash, SAS, [FAME](#), (P)SQL, R, Stata, EViews, \LaTeX
- **Front-end Development:** Vanilla HTML, CSS, JS, Jekyll
- **Applications:** Visual Studio Code, Emacs, Git, Sublime Text, RStudio, Tableau, Microsoft Office
- **Operating Systems:** Unix, Linux, Windows
- **Languages:** English (native), Vietnamese (native)