

**CONTACT
INFORMATION**

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**RESEARCH
INTERESTS**

Macroeconomics, Behavioral Economics, Time-series Econometrics

EDUCATION

Ph.D in Economics, Northwestern University 2025 (expected)
Committee: Matthias Doepke (Chair), George Marios Angeletos, Matthew Rognlie
B.S. *summa cum laude* in Economics, New York University Stern School of Business 2017

**JOB MARKET
PAPER****Macro Inertia and the Variable Lags of Policy Transmission**

This paper quantifies the sources of macroeconomic inertia that policymakers can and cannot influence and analyzes how changes in systematic policy conduct can reduce inertial transmission (“lags”). To isolate policy-invariant inertia due to preferences and technologies, I introduce an approach to identifying parameters in dynamic structural models, which directly uses survey data on expectations in place of traditional assumptions on expectations. Applied to standard consumption-savings models, I find only two simple features are needed to match the dynamic response of consumption to shocks: 1) a high current MPC and 2) a low EIS. There is no need for classic sources of preference inertia, such as habits. In an estimated HANK model with learning disciplined by these estimates and expectations data, inertia emerges endogenously when a measure of belief feedback strength is high but is absent otherwise. This measure is large precisely when the current MPC is high and EIS is low. Stabilizing monetary and fiscal policy can reduce feedback, shortening transmission lags. Monetary-fiscal interactions produce a novel government debt stabilization motive to reduce lags: shortening the timeline for debt repayment diminishes belief feedback from past, stale expectations into future realized demand.

**SELECTED
WORKS IN
PROGRESS****Optimal Long-Run Fiscal Policy with Heterogeneous Agents**

(with Adrien Auclert, Matthew Rognlie, and Ludwig Straub)

We introduce a new method for characterizing the steady state of dynamic Ramsey problems, building on the dual approach to optimal taxation. Applying this method to standard calibrations of heterogeneous-agent models à la Aiyagari (1995), we find that in many cases Ramsey steady states do not exist, with our results suggesting that long-run immiseration is optimal instead. When Ramsey steady states do exist, they are associated with optimal long-run labor income taxes close to 100%. We show that these conclusions are related to strong anticipatory effects of future tax changes.

PUBLICATIONS**Online Estimation of DSGE Models**

(with Marco Del Negro, Edward Herbst, Ethan Matlin, Reza Sarfati, and Frank Schorfheide)
The Econometrics Journal: Volume 24, Issue 1, Jan 2021, Pg. C33-C58

DSGE Forecasts of the Lost Recovery

(with Marco Del Negro, Marc P. Giannoni, Abhi Gupta, Pearl Li, and Erica Moszkowski)
International Journal of Forecasting: Volume 35, Issue 4, Oct-Dec 2019, Pg. 1770-1789

AWARDS

Alfred P. Sloan Foundation Pre-Doctoral Fellowship in Behavioral Macroeconomics 2023-2025
Graduate Fellowship (Northwestern University) 2019-23
Award for Excellence in Economics (Single awardee from NYU Stern) 2017

RESEARCH EXPERIENCE	Research Assistant, Prof. Matthias Doepke, Northwestern University	2022-23
	Research Assistant, Prof. Matthew Rognlie, Northwestern University	2021-22
	Senior Research Analyst, Dr. Marco Del Negro, Federal Reserve Bank of New York	2017–19
	Research Assistant, Prof. Tim Christensen, New York University	2016-17
TEACHING EXPERIENCE	Intermediate Macroeconomics, Prof. Mark Witte, Northwestern University	2023
	Intermediate Macroeconomics, Prof. Giorgio Primiceri, Northwestern University	2021
OTHER EXPERIENCE	Visiting Scholar, Federal Reserve Bank of Chicago	2024
	Research Officer, International Monetary Fund	2022
PROGRAMMING	Python, Julia, Matlab	
LANGUAGES	English (native), Chinese (basic)	
REFERENCES	Professor Matthias Doepke Department of Economics London School of Economics Houghton Street London, England WC2A 2AE m.doepke@lse.ac.uk	Professor George Marios Angeletos Department of Economics Northwestern University 2211 Campus Drive Evanston, IL 60208 angeletos@northwestern.edu
	Professor Matthew Rognlie Department of Economics Northwestern University 2211 Campus Drive Evanston, IL 60208 matthew.rognlie@northwestern.edu	

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