

Karthik A. Sastry

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Academic Positions

- 2023- Assistant Professor of Economics and Public Affairs, Princeton University
2024- Faculty Research Fellow, National Bureau of Economic Research (Programs: Economic Fluctuations and Growth; Environment and Energy Economics)
2025- Faculty Associate, Center for History and Economics, Harvard University
2022-23 Prize Fellow in Economics, History, and Politics, Harvard University

Education

- 2022 Ph.D., Economics, Massachusetts Institute of Technology
2016 A.B., Economics, Princeton University

Publications

“Feedbacks: Financial Markets and Economic Activity,” with Markus Brunnermeier, Darius Palia, and Christopher A. Sims. *American Economic Review*, 2021, 111(6): 1845-1879.

“Imperfect Macroeconomic Expectations: Evidence and Theory,” with George-Marios Angeletos and Zhen Huo. *NBER Macroeconomics Annual* 2021, 35: 1-86.

“Managing Expectations: Instruments vs. Targets,” with George-Marios Angeletos. *Quarterly Journal of Economics*, 2021, 136(4): 2467–2532.

“Nonlinear Pricing with Under-Utilization: A Theory of Multi-Part Tariffs,” with Roberto Corrao and Joel P. Flynn. *American Economic Review*, 2023, 113(3): 836-860.

“Does Directed Innovation Mitigate Climate Damage? Evidence from US Agriculture,” with Jacob Moscona. *Quarterly Journal of Economics*, 2023, 138(2): 637-701.

“Strategic Mistakes,” with Joel P. Flynn. *Journal of Economic Theory*, 2023, (212).

“Inattentive Economies,” with George-Marios Angeletos. *Journal of Political Economy*, 2025, 133(5): 2265–2319.

“A Theory of Supply Function Choice and Aggregate Supply,” with Joel P. Flynn and Georgios Nikolakoudis. Forthcoming, *American Economic Review*.

“Disagreement About Monetary Policy.” Forthcoming, *American Economic Journal: Macroeconomics*.

“Food Policy in a Warming World,” with Allan Hsiao and Jacob Moscona. Forthcoming, *Econometrica*.

Working Papers

“Attention Cycles,” with Joel P. Flynn. Revise and resubmit, *American Economic Journal: Macroeconomics*.

“Contagious Business Cycles,” with Joel P. Flynn.

“Contractibility Design,” with Roberto Corrao and Joel P. Flynn. Revise and resubmit, *Econometrica*.

“How Much Should We Trust Regional-Exposure Designs?” with Jeremy Majerovitz.

“Inappropriate Technology: Evidence from Global Agriculture,” with Jacob Moscona. Revise and resubmit, *American Economic Review*.

“Prices vs. Quantities: A Macroeconomic Analysis,” with Joel P. Flynn and Georgios Nikolakoudis.

“Public R&D Meets Economic Development: Embrapa and Brazil’s Agricultural Revolution,” with Ariel Akerman, Jacob Moscona, and Heitor S. Pellegrina.

“Quick-Fixing: Near-Rationality in Consumption and Savings Behavior,” with Peter Andre, Joel P. Flynn, and Georgios Nikolakoudis.

Teaching Experience

SPI 512B, Macroeconomic Analysis for Policymakers (Spring 2024, Spring 2025); ECO 503, Macroeconomic Theory (Fall 2023, Fall 2024); ECO 521, Advanced Macroeconomic Theory (Fall 2023, Fall 2024)

NBER Behavioral Macroeconomics Boot Camp: two-day course for PhD students (2024)

Grants and Awards

- 2025 Princeton Center for Global India Grant (“Evaluating the Impact of Digital Public Infrastructure (DPI), with a focus on Artificial Intelligence”) with A. Kapur (Princeton) and A. Narayanan (Princeton)
- 2024 Harvey Rosen Prize for Undergraduate Advising
- 2024 Harvard Data Science Initiative Grant (“Food Power and Food Insecurity”) with J. Moscona (MIT) and D. Yang (Harvard)
- 2023 Princeton Graduate Economics Club Best Instructor Award
- 2022 Robert M. Solow Prize for Graduate Student Excellence in Teaching and Research, MIT
- 2022 Participant in *Review of Economic Studies* Tour
- 2022 Participant in China Star Tour
- 2020 Gordon B. Pye Dissertation Fellowship, MIT
- 2016 Halbert White ‘72 Prize in Economics, Princeton University

Presentations

- 2025 NBER Workshop on Place-Based Policies and Entrepreneurship; LACEA Annual Meeting (Recife, PE, BR); University of Minnesota; Columbia University “New Thinking in Industrial Policy” Conference; University of Oxford; INSEAD; Sciences Po; Bank of Canada Behavioral Macroeconomics Conference; Harvard Business School; University of Michigan; NBER Summer Institute, Impulse and Propagation Mechanisms; Bank of Portugal Research Conference on Monetary Economics; Society for Economic Dynamics Conference; Canon Institute for Global Studies Conference on Macroeconomic Policy; Columbia University Narratives Workshop; Leibniz Institute SAFE (Goethe University Frankfurt) Brown Bag; University of Rochester; Carnegie-Mellon University; University of

- Chicago; Duke Junior Macroeconomics Jamboree; Princeton MacroDev Workshop; World Bank IFC Research Conference; Boston University Text in Macro Workshop; NBER Monetary Economics Spring Meeting; CSEP Africa India Global Dialogue Series; NYU; CUNY Graduate Center
- 2024 RIDGE Forum (Towards Sustainable Growth) at the Central Bank of Chile; Society for Economic Dynamics Winter Meeting; Federal Reserve Bank of Philadelphia Junior Macro Conference; Iowa State University; CREI/UPF; LAEF Junior Conference at UC Santa Barbara; Carnegie Mellon University Accounting Mini-Conference; Society for Economic Dynamics Annual Meeting; Econometric Society North America Summer Meeting; Cowles Summer Workshop on International Trade; University of Maryland; Luohan Webinar; University of Pennsylvania; University of Birmingham; American Economic Association Annual Meeting
- 2023 Rutgers University Department of Food, Agricultural, and Resource Economics; Virtual East Asia Macroeconomics Seminar; NBER Monetary Economics Fall Workshop; University of California, Los Angeles; University of Wisconsin; Columbia University; Northwestern Kellogg; Boston College; Texas Monetary Conference at the University of Houston; Federal Reserve Bank of Boston; World Bank; Cornell University; Oxford University; London School of Economics; American Economic Association Annual Meeting
- 2022 University of California, Berkeley; National University of Singapore; Institute for International Economic Studies (IIIES) at Stockholm University; Chinese University of Hong Kong, Shenzhen; Federal Reserve Board of Governors; European Summer Symposium in Economic Theory, Gerzensee; Rome Workshop in Macroeconomics; Econometric Society North America Summer Meeting; Paris School of Economics; Central European University; University of Manchester; Boston University; Yale University; The University of Chicago Booth School of Business; The Wharton School of the University of Pennsylvania; Northwestern University; Harvard University; Stanford University; Princeton University; Econometric Society North America Winter Meeting
- 2021 European Central Bank; Minneapolis Fed Junior Scholar Conference; Chicago Fed Rookie Conference; ECB-FRB NY Conference on Expectations Surveys; Northwestern University; Econometric Society European Meeting; NBER Summer Institute, Economic Growth; NBER Summer Institute, Impulse and Propagation Mechanisms; Society for Economic Dynamics Annual Meeting; American Economic Association Annual Meeting
- 2020 Econometric Society North America Winter Meeting
- 2019 Society for Economic Dynamics Annual Meeting; Econometric Society North America Winter Meeting

Professional Service

Reviewer for: *American Economic Journal: Macroeconomics*, *American Economic Review*, *American Economic Review: Insights*, *Communications Earth and Environment*, *Econometrica*, *European Economic Review*, *Journal of Econometrics*, *Journal of Economic Theory*, *Journal of the European Economic Association*, *Journal of Monetary Economics*, *Journal of Political Economy*, *Journal of Political Economy: Macroeconomics*, *Nature Climate Change*, *Quantitative Economics*, *Quarterly Journal of Economics*, *Review of Economic Dynamics*, *Review of Economics and Statistics*, *Review of Economic Studies*, *Theoretical Economics*