

## Satyajit Chatterjee

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### Business Address

Vice President & Economist  
Research Department, Consumer Finance Section  
Federal Reserve Bank of Philadelphia  
Ten Independence Mall  
Philadelphia PA 19106  
Email: [satyajit.chatterjee@phil.frb.org](mailto:satyajit.chatterjee@phil.frb.org)  
Homepage: <https://sites.google.com/site/chatterjeesatyajit/home>

### Education

1986 *University of Rochester, USA, Ph D.*  
1980 *Delhi School of Economics, India, M.A.*  
1978 *University of Delhi, India, B.A. (Honours), Economics*

### Employment

2017- *Vice President and Economist, Federal Reserve Bank of Philadelphia*  
2002-17 *Senior Economic Advisor and Economist, Federal Reserve Bank of Philadelphia*  
1999-02 *Economic Advisor and Economist, Federal Reserve Bank of Philadelphia*  
1993-99 *Senior Economist and Research Advisor, Federal Reserve Bank of Philadelphia*  
1991-93 *Senior Economist, Federal Reserve Bank of Philadelphia*  
1986-91 *Assistant Professor, University of Iowa*  
1980-81 *Lecturer, University of Delhi and the Delhi School of Economics*

### Professional Service

2003- 2009 Associate Editor, *Macroeconomic Dynamics*

### Visiting Appointments

1993 Institute for Empirical Macroeconomics, Federal Reserve Bank Minneapolis  
1996-97 Wharton School, University of Pennsylvania  
2004-05 University of Texas at Austin

### Publications

“The Firm Size and Leverage Relationship and Its Implications for Entry and Business Concentration,”  
with B. Eyigungor, in press, *Review of Economic Dynamics*.

“Self-fulfilling Debt Crises, Revisited,” with M. Aguiar, H. Cole and Z. Stangebye, *Journal of Political Economy*, 130 (5), May 2022, pp. 1147-1183 (lead-off article)

“Policy Inertia, Election Uncertainty and Incumbency Disadvantage of Political Parties,” with B. Eyigungor, *Review of Economic Studies*, 87(6), November 2020, pp. 2600-2638.

- “Endogenous Political Turnover and Fluctuations in Sovereign Default Risk,” with B. Eyigungor, *Journal of International Economics*, 117, March 2019, pp. 37-40.
- “A Tractable City Model for Aggregative Analysis,” with B. Eyigungor, *International Economic Review*, 58 (1), 2017, pp. 127-155.
- “Quantitative Models of Sovereign Debt Crises,” with M. Aguiar, H. Cole and Z. Stangebye, *Handbook of Macroeconomics* (Ed. J.B. Taylor and H. Uhlig), Vol. 2B, 2016, pp. 1697-1755.
- “Continuous Markov Equilibria with Quasi-Geometric Discounting,” with B. Eyigungor, *Journal of Economic Theory*, 163(May), 2016, pp. 467-494.
- “A Seniority Arrangement for Sovereign Debt,” with B. Eyigungor, *American Economic Review*, 105(12), 2015, pp. 3740-3765.
- “Quantitative Analysis of the U.S. Housing and Mortgage Markets and the Foreclosure Crisis,” with B. Eyigungor, *Review of Economic Dynamics*, 18(2), 2015, pp. 165-184 (lead-off article).
- “Entry and Exit, Product Variety and the Business Cycle,” with R. Cooper, *Economic Inquiry*, 52(4), 2014, pp. 1466-1484.
- “Insuring Student Loans against the Financial Risk of Failing to Complete College,” with F. Ionescu, *Quantitative Economics* 3(3), 2012, pp. 393-420.
- “Dealing with Consumer Default: Garnishment vs Bankruptcy,” with G. Gordon, *Journal of Monetary Economics*, 59, Supplement, 2012, pp. 1-16 (lead-off article).
- “Maturity, Indebtedness, and Default Risk,” with B. Eyigungor, *American Economic Review*, 102(6), 2012, p. 2674-99.
- “Spinoffs and the Market for Ideas,” with E. Rossi-Hansberg, *International Economic Review*, 53(1), 2012, pp. 53-93.
- “A Finite-Life, Private-Information Theory of Unsecured Debt,” with D. Corbae and J-V Rios-Rull, *Journal of Economic Theory*, 142(1), 2008, pp. 149-177.
- “Monetary and Financial Forces in the Great Depression,” with D. Corbae, *New Palgrave: A Dictionary of Economics*, 2008.
- “A Quantitative Theory of Unsecured Consumer Credit with Risk of Default,” with D. Corbae, M. Nakajima and J-V. Rios-Rull, *Econometrica*, 75(6), 2007, pp. 525-1589 (lead-off article).

- “Aggregate Welfare Costs of Great Depression Unemployment,” with D. Corbae, *Journal of Monetary Economics*, 54(6), 2007, pp.1529-44.
- “Urban Density and the Rate of Invention,” with G. Carlino and R. Hunt, *Journal of Urban Economics*, 61(3), 2007, pp. 389-415 (lead-off article).
- “Employment Deconcentration: A New Perspective on America’s Postwar Urban Evolution,” with G. Carlino, *Journal of Regional Science*, 42(3), 2002, pp. 445-475 (lead-off article).
- “Aggregate Metropolitan Employment Growth and Deconcentration of Metropolitan Employment,” with G. Carlino, *Journal of Monetary Economics*, 48(3), 2001, pp. 549-583.
- “Minimum Consumption Requirements: Theoretical and Quantitative Implications for Growth and Distribution,” with B. Ravikumar, *Macroeconomic Dynamics*, 3, 1999, pp. 482-505.
- “Money and Finance with Costly Commitment,” with D. Corbae, *Journal of Monetary Economics*, 37(2-3), 1996, 225-248.
- Comment on “Inflation, Financial Markets, and Capital Formation,” (by S. Choi, B.D. Smith and J.H. Boyd), *Federal Reserve Bank of St. Louis Review* 78 (3), pp. 38-39, 1996.
- “Valuation Equilibria with Transactions Cost,” with D. Corbae, *American Economic Review, Papers and Proceedings*, May 1995, 287-290.
- “Transitional Dynamics and the Distribution of Wealth in a Neoclassical Growth Model,” *Journal of Public Economics*, 54(1), 1994, pp. 97-119.
- “Strategic Complementarity in Business Formation: Aggregate Fluctuations and Sunspot Equilibria,” with B. Ravikumar and R. Cooper, *Review of Economic Studies*, 60(4), 1993, pp. 795-811.
- Comment on “Price and Output Stability Under Alternative Monetary Policy Rules,” (by J.E. Gagnon and R.W. Tryon) *Operating Procedures and the Conduct of Monetary Policy*, Board of Governors of the Federal Reserve System. [Proceedings] No. 1 pt. 2, 1993.
- “Endogenous Market Participation and the General Equilibrium Value of Money,” with Dean Corbae, *Journal of Political Economy*, 100(3), 1992, pp. 615-46.
- “A Neoclassical Model of Seasonal Fluctuations,” with B. Ravikumar, *Journal of Monetary Economics*, 29(1), 1992, pp. 59-86.
- “Multiplicity of Equilibria and Fluctuations in Dynamic Imperfectly Competitive Economies,” with R. Cooper, *American Economic Review, Papers and Proceedings*, May 1989, 353-57.

## **Current Working Papers and Works-in-Progress**

“A Quantitative Theory of the Credit Score,” with D. Corbae, K. Dempsey and J-V- Rios-Rull, July 2022

“Partisan Sorting and Polarization of Party Ideologies,” with B. Eyigungor, June 2022

“Tax Competition and the Provision of Public Goods,” with A. Lahiri

## **Unpublished Research Papers**

“Debt Dilution and Seniority in a Model of Defaultable Sovereign Debt,” with B. Eyigungor, Federal Reserve Bank of Philadelphia WP No. 13-30.

“A Tractable Circular City Model with Endogenous Internal Structure,” with B. Eyigungor.

“Do Supply Restrictions Raise the Value of Urban Land? The (Neglected) Role of Production Externalities,” with B. Eyigungor.

“Foreclosures and House Price Dynamics: A Quantitative Analysis of the Mortgage Crisis and the Foreclosure Prevention Policy,” with B. Eyigungor.

“A Quantitative Assessment of the Role of Agglomeration Economies in the Spatial Concentration of U.S. Employment.”

“Competitive Theories for Economies with General Transactions Technologies,” with D. Corbae.

“A Welfare Comparison of Pre- and Post-WWII Business Cycles: Some Implications for the Role of Post-war Macroeconomic Policies,” with D. Corbae.

“A Neoclassical Approach to the Puzzling Seasonal Behavior of Aggregate Output and Sales,” with B. Ravikumar.

“On the Optimality of Eliminating Seasonality in Nominal Interest Rates.”

## **Publications: Economic Education**

“Chapter 11 for Countries?” *Economic Insights, Federal Reserve Bank of Philadelphia*, Second Quarter, 2016

“Debt Overhang: Why Recovery from Financial Crisis Can be Slow,” *Business Review, Federal Reserve Bank of Philadelphia*, Second Quarter, 2013

“A Theory of Asset Price Boom and Bust and the Uncertain Return to Innovation,” *Business Review, Federal Reserve Bank of Philadelphia*, Fourth Quarter, 2011

“De-Leveraging and the Financial Accelerator: How Wall Street Can Shock Main Street,” *Business Review, Federal Reserve Bank of Philadelphia*, Second Quarter, 2009

“The Peopling of Macroeconomics: Microeconomics of Aggregate Consumer Expenditures” *Business Review, Federal Reserve Bank of Philadelphia*, First Quarter, 2009

- “Economic Logic of Fresh Start,” *Business Review, Federal Reserve Bank of Philadelphia*, First Quarter, 2008.
- “Ores and Scores: Two Examples of How Competition Engendered Productivity Miracles,” *Business Review, Federal Reserve Bank of Philadelphia*, First Quarter, 2005.
- “Agglomeration Economies: The Spark that Ignites a City?” *Business Review, Federal Reserve Bank of Philadelphia*, Third Quarter, 2003.
- “The Taylor Curve and the Unemployment-Inflation Tradeoff,” *Business Review, Federal Reserve Bank of Philadelphia* Third Quarter 2002
- “Why Does Countercyclical Monetary Policy Matter?” *Business Review, Federal Reserve Bank of Philadelphia* Second Quarter 2001 (Reprinted in *Boletín, Centro De Estudios Monetarios Latino Americanos*, XLVII, No. 4, October-December, 2001).
- “From Cycles to Shocks: Progress in Business Cycle Theory,” *Business Review, Federal Reserve Bank of Philadelphia* March/April 2000.
- “Real Business Cycles: Legacy of Countercyclical Policies?” *Business Review, Federal Reserve Bank of Philadelphia*, January/February 1999 (Reprinted in *The Region, Federal Reserve Bank of Minneapolis*, March 1999 and *The Credit and Financial Management Review*, Volume 5, No.4, Fourth Quarter, 1999).
- “Homeownership, Taxes, and the Allocation of Residential Real Estate Risks,” *Business Review, Federal Reserve Bank of Philadelphia*, September/October, 1996.
- “Productivity Growth and the American Business Cycle,” *Business Review, Federal Reserve Bank of Philadelphia* September/October, 1995.
- “Making More Out of Less: The Recipe for Long Run Growth,” *Business Review, Federal Reserve Bank of Philadelphia* May/June, 1994.
- “Leaning Against the Seasonal Wind: The Case for Seasonal Smoothing of Interest Rates,” *Business Review, Federal Reserve Bank of Philadelphia*, March/April, 1993

#### **Conference Presentations 2007 -**

*American Economic Association* 2010, 2014  
*Barcelona GSE Summer Forum* 2019  
*Conference on Urban and Regional Economics* 2009, 2014  
*Conference on Sovereign Debt and Default, Riksbank Sveriges*, 2012  
*Econometric Society* 2008, 2009, 2010, 2014, 2016, 2018, 2020, 2022  
*European Economic Association* 2007, 2020  
*Financial System and Macroeconomy in Emerging Economies* 2018 (keynote)  
*ITAM-PIER Conference on Macroeconomics* 2016, 2019  
*LAGV Conference on Public Economics*, 2018  
*Midwest Macroeconomics Meetings* 2007, 2009, 2018, 2022  
*NBER Summer Institute* 2009, 2010, 2016, 2018  
*Regional Science Association International* 2008, 2009, 2014  
*Summer Workshop in Political Economy* 2015, 2017  
*Society for the Advancement of Economic Theory* 2011, 2017  
*Society for Economic Dynamics* 2007-2017, 2019, 2022  
*Sovereign Debt Conference* 2020

*Southern Workshop on International and Macroeconomics 2011 (keynote)*  
*University of Wisconsin-Madison Conferences on Housing and Labor Markets, 2009, 2014*

### **Seminar Presentations 2007 -**

2022: *UBC*  
2020: *Shiv Nadar University, University of Toronto*  
2019: *Stony Brook University, Bank of Mexico*  
2018: *FRB Chicago, York University*  
2016: *IMF, George Washington University*  
2015: *Iowa State University, Ohio State University*  
2014: *Georgetown University*  
2013: *Indiana University, Uppsala University, IIES, FRB Boston, Penn State University*  
2012: *Florida State University, University of Wisconsin-Madison, University of Rochester, Central Bank of Turkey, Carnegie Mellon University-University of Pittsburgh, Queens University*  
2011: *University of Melbourne, USC, OSU, Colgate University, Princeton University*  
2010: *Stanford, Wharton School, NYU, University of Maryland*  
2009: *ECB*  
2008: *Drexel University*  
2007: *UBC, University of Pennsylvania, Rice University, University of Texas*

### **Professional Activities**

Reviewer, *National Science Foundation (Economics Program)*

Referee, *American Economic Review, Journal of Political Economy, International Economic Review, Review of Economics and Statistics, Journal of Economics, Journal of Economic Theory, Journal of Economic Geography, Journal of Monetary Economics, Journal of Public Economics, Journal of Money Credit and Banking, Economic Theory, Review of Economic Dynamics, Journal Economic Dynamics and Control, Macroeconomic Dynamics, Journal of Public Economic Theory, Canadian Journal of Economics*

Founder & Co-Organizer, *Philadelphia Workshop on Economic Policy and Macroeconomics, 2002 -*

Co-Organizer, *Macroeconomics of Time and Space, 2008 -*

Co-Organizer, *Midwest Macroeconomics Meeting, 2008*

Founder & Co-Organizer, *Biennial Conference on Consumer Finance and Macroeconomics 2018 -*

Founder & Co-organizer, *Conference on Credit Markets and the Macroeconomy 2018 -*

### **Teaching**

*Principles of Macroeconomics: 1991*  
*Intermediate Microeconomics: 1985,1986,1987,1989*  
*Intermediate Macroeconomics: 1988, 1996 (Wharton School)*  
*Money and Banking: 1988, 1989, 1990*  
*Graduate Macroeconomics I: 1989, 1990*  
*Monetary Theory: 1986, 1987*  
*Lectures on Spatial Macroeconomics 2002 (UT-Austin)*  
*Lectures on Debt and Default 2003 (UT-Austin)*  
*Economic Development 2004, 2005 (UT-Austin)*

### **Dissertation Committees (Role, Name, Year, First Position)**

University of Iowa

*Reader* Thomas A. Rietz, 1988, Northwestern University  
*Reader* B. Ravikumar, 1989, University of Virginia  
*Reader* Chang-Kon Choi, 1991, Chonbuk National University, Korea  
*Co-Supervisor* Jiarong Fu, 1992, University of North Dakota

University of Texas at Austin

*Reader* Daphne Chen, 2011, Florida State University  
*Reader* Shyam Gouri Suresh, 2008, Deloitte-Touche  
*Reader* Borghan Nezami Narajabad, 2007, Rice University

University of Pennsylvania

*Reader* Grey Gordon, 2012, Indiana University  
*Reader* Zach Stangebye, 2015, University of Notre Dame

Wharton School

*Reader* Qi Zheng, 2003, University of New South Wales, Australia

Toulouse School of Economics

*Reader* Lorenzo Proserpi, 2019, Private Sector, Italy