

## JOYDEEP BHATTACHARYA<sup>1</sup>

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### PUBLICATIONS

1. A Rational-Choice Model of Covid-19 Transmission with Endogenous Quarantining and Two-sided Prevention (with Shankha Chakraborty and Xiumei Yu); forthcoming, *Journal of Mathematical Economics*, 2021
2. Reference-Dependent Preferences, Time Inconsistency, and Unfunded Pensions (with Torben M. Andersen and Qing Liu); *Economic Inquiry*, 59(3), 1008-1030, 2021
3. Exponential-growth prediction bias and compliance with safety measures in the times of COVID-19 (with Ritwik Banerjee and Priyama Majumdar); *Social Science and Medicine* 268, 113473, 2021
4. Pareto-improving transition to fully funded pensions under myopia (with Torben M. Andersen and M. Gestsson), *Journal of Demographic Economics*, 87(2), 169-212, 2021
5. Why mandate young borrowers to contribute to their retirement accounts? (with Torben M. Andersen), *Economic Theory*, 71(1), 115-149, 2021
6. Intergenerational conflict over the environment under the Pareto criterion (with Pan Liu and Torben M. Andersen), *Journal of Environmental Economics and Management*, 100, 102290, 2020
7. Resolving intergenerational conflict: debt dynamics without tears (with Torben M. Andersen), *Review of Economic Dynamics*, 35, 192-219, 2020
8. The Fight-or-Flight Response to the Joneses and Income Inequality (with R. Barnett and H. Bunzel), *Journal of Economic Dynamics and Control*, 101, 187-210, 2019
9. Private versus public old-age security (with R. Barnett and M. Puhakka) *Journal of Population Economics* 31(3), 703-746, 2018
10. Contraception and the Fertility Transition (with Shankha Chakraborty), *Economic Journal* 127 (606), 2263-2301, 2017
11. The Intergenerational Welfare State and the Rise and Fall of Pay-as-you-go Pensions (with Torben M. Andersen), *Economic Journal*, 127(602), 896-923, 2017
12. Do the Joneses make you financially vulnerable? (with R. Barnett and H. Bunzel); *Arthaniti-Journal of Economic Theory and Practice*, 15(2), 11-28, 2016

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<sup>1</sup>updated: October 20, 2021

13. Endogenous borrowing constraints and wealth inequality (with Min Wang and Xue Qiao), *Macroeconomic Dynamics* 20, 1413-1431, 2016
14. Optimal Health and Environmental Policies in a Pollution-Growth Nexus (with Min Wang and Jinhua Zhao), *Journal of Environmental Economics and Management*, 71, 160–179, 2015
15. Voting for immiserizing income redistribution in the Meltzer-Richard model (with R. Barnett and H. Bunzel), *Economic Inquiry* 52(2), 682–695, 2014
16. A Dynamic-Efficiency Rationale for Public Investment in the Health of the Young (with T. M. Andersen), *Canadian Journal of Economics*, 47(3), 697–719, 2014 [lead article]
17. Patience Cycles (with R. Barnett and M. Puhakka), *Journal of Institutional and Theoretical Economics*, 169(2), 339-354, 2013
18. Unfunded pensions and endogenous labor supply (with Torben M Andersen), *Macroeconomic Dynamics* 17(5), 971-997, 2013
19. Deviant Generations, Ricardian Equivalence, and Growth Cycles (with R. Barnett and H. Bunzel), *Economic Theory*, 52(1), 367-396, 2013
20. Fertility Choice under Child Mortality and Social Norms (with Shankha Chakraborty), *Economics Letters* 115(3), 338–341, 2012
21. On Myopia as Rationale for Social Security (with T. M. Andersen) *Economic Theory*, 47(1), 135-158, 2011
22. Optimal Monetary Policy Rules under Persistent Shocks (with R. Singh), *Journal of Economic Dynamics and Control*, 34(7), 1277-1294, 2010
23. Resurrecting equilibria through cycles in an overlapping generations model of money (with R. Barnett and H. Bunzel), *Journal of Macroeconomics*, 32(2), 515-526, 2010
24. Choosing to keep up with the Joneses and Income Inequality (with R. Barnett and H. Bunzel), *Economic Theory* 45(3), 469-496, 2010
25. Why Does Overnight Liquidity Cost More Than Intraday Liquidity? (with A. Martin and J. Haslag), *Journal of Economic Dynamics and Control*, 33(6), 1236-1246, 2009
26. Optimal Monetary Policy and Economic Growth (with A. Martin and J. Haslag), *European Economic Review*, 53(2), 210-221, 2009
27. Understanding the cost difference between intraday and overnight liquidity (with A. Martin and J. Haslag), *Journal of Financial Transformation*, 24, 105-107, 2008
28. Rejuveniles and Growth (with R. Barnett), *European Economic Review*, 52, 1055-1071, 2008
29. On the Usefulness of the Constrained Planning Problem in a Model of Money (with R. Singh), *Macroeconomic Dynamics*, 4(12), 503-525, 2008
30. Optimal Choice of Monetary Instruments in an Economy with Real and Liquidity Shocks (with R. Singh); *Journal of Economic Dynamics and Control*, 32 (4), 1273-1311, 2008

31. Who is Afraid of the Friedman Rule? (with J. Haslag, A. Martin, and R. Singh), *Economic Inquiry*, 46(2), 113-130, 2008
32. Public and Private Expenditures on Health in a Growth Model (with X. Qiao), *Journal of Economic Dynamics and Control*, 31 (8), 2519-2535, 2007
33. Social Security and Intergenerational Redistribution (with R. Reed), in Structural Models of Wage and Employment Dynamics, Eds: Bunzel, Christensen, Neumann, and Robin; *Essays in Honor of Dale Mortensen on his 65th birthday-2007*
34. Sub-Optimality of the Friedman Rule in Townsend's Turnpike and Stochastic Relocation Models of Money: Do finite lives and initial dates matter? (joint with J. Haslag and A. Martin), *Journal of Economic Dynamics and Control*, 30(5), 879-897, 2006
35. The Role of Money in Two Alternative Models: When is the Friedman Rule Optimal, and Why? (with J. Haslag and S. Russell), *Journal of Monetary Economics*, 52 (8), 1401-1433, 2005
36. Heterogeneity, Redistribution, and the Friedman rule (with A. Martin and J. Haslag), *International Economic Review*, 46 (2), 437-454, 2005
37. The Non-Monotonic Relationship between Seigniorage and Income Inequality (with H. Bunzel and J. Haslag), *Canadian Journal of Economics*, 38 (2), 500-519, 2005
38. What do Information Frictions do? (with Shankha Chakraborty), *Economic Theory*, 26 (3), 6, 51-675, October, 2004
39. Can Financial Intermediation Induce Economic Fluctuations? (with S. Banerji and N V Long), *Journal of Economic Dynamics and Control*, 28(11), 2215-2238, 2004
40. Labor Market Search And Optimal Retirement Policy (with Robert R Reed and Casey Mulligan), *Economic Inquiry*, 42, 560-571, 2004 [awarded 2005 Best article Award by Economic Inquiry]
41. Dynamics of the Planning Solution to the Discrete-Time Textbook Model of Equilibrium Labor Market Search and Matching (with H Bunzel), *Economics Bulletin* 5 (19), 1-10, 2003
42. Two-Period Cycles in a Three-Period Overlapping Generations Model (with S. Russell), *Journal of Economic Theory* 109 (2), 378-401, 2003
43. Monetary Policy, Fiscal Policy, and the Inflation Tax: Equivalence Results (with J. Haslag and S. Russell), *Macroeconomic Dynamics*, 7(5), 647-669, 2003
44. Is Reserve Ratio Arithmetic More Pleasant? (With J Haslag), *Economica* 70(3), 471-491, 2003
45. Tight Money Policies and Inflation Revisited (with N. Kudoh), *Canadian Journal of Economics*, 185-217, 2002
46. On the Use of the Inflation Tax when Non-Distortionary Taxes are Available (with J. Haslag), *Review of Economic Dynamics*, 4, 823-841, 2001
47. Credit Market Imperfections, Income Distribution, and Capital Accumulation, *Economic Theory* 11 (1), 171-200, 1998

48. Price Level Volatility: A Simple Model of Money Taxes and Sunspots (with M. Guzman, and K. Shell), *Journal of Economic Theory*, 81(2), 401-443, 1998
  49. Some Even More Unpleasant Monetarist Arithmetic (with M. Guzman and B. D. Smith), *Canadian Journal of Economics*, 31 (3), 596-623, 1998
  50. Unemployment, Credit Rationing, and Capital Accumulation: A Tale of Two Frictions (with C. Betts), *Economic Theory* 12 (3), 462-489, 1998
  51. Monetary, Fiscal, and Bank Regulatory Policy in a Simple Monetary Growth Model (with E Huybens, M. Guzman, and B. D. Smith), *International Economic Review*, 38(2), 321-51, 1997
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#### PAPERS UNDER SUBMISSION

1. Do workers discriminate against their out-group employers? Evidence from an online platform economy (with Sher Afghan Asad and Ritwik Banerjee)
  2. Time inconsistency and endogenous borrowing constraints (with M. Bishnu and M. Wang)
  3. Commitment Without Flexibility: Can Higher Early-Withdrawal Penalties on Retirement Savings Accounts Hurt? (with T. Andersen and P. Liu)
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#### BOOK REVIEWS & OTHER PUBLICATIONS

1. Monetary Policy Arithmetic: Some Recent Contributions (with J. Haslag); Federal Reserve Bank of Dallas *Economic and Financial Review*, 3rd qtr, 26-36, 1999
  2. Reliance, Composition, and Inflation (with J. Haslag); Federal Reserve Bank of Dallas, *Economic and Financial Review*, 4th qtr, 2000
  3. Review of *Lectures on Economic Growth* by R.E. Lucas Jr. (ed), *American Journal of Agricultural Economics*, 86, pg. 282 (2004)
  4. Review of *Volatility and Growth* by P. Aghion and A. Banerjee, *American Journal of Agricultural Economics*, 89(2), 549-551 (2007)
  5. Review of *Discrete Dynamical Systems* by Oded Galor, *American Journal of Agricultural Economics*, 91(4), 2009
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## CURRENT AND PAST POSITIONS

Professor, Iowa State University, 2010-  
Associate Professor (visiting), National University of Singapore, Singapore (January 2008-June 2008)  
Professor (visiting), School of Economics and Management, University of Aarhus Denmark (August 2007-January 2008; multiple summers)  
Associate Professor, Iowa State University, 2003-present  
Visiting Assistant Professor, CentER, Tilburg University, The Netherlands, Spring 2003  
Assistant Professor, Iowa State University, 1999-2003  
Visiting Assistant Professor, University of Texas at Austin, Fall 2002  
Assistant Professor, SUNY-Buffalo, 1997-99  
Visiting Assistant Professor, University of Southern California, 1996-1997

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## PROFESSIONAL ACTIVITIES

- NSF Award 022702-00001: Failure to Predict Infection Risk and its Impact on the Spread of COVID-19
- Associate editor, *International Journal of Economic Theory*, 2021-
- Associate editor, *Journal of Economic Dynamics and Control*, 2008-
- Associate editor, *Macroeconomic Dynamics*, 2009-
- Associate editor, *Economics Bulletin*, 2010-
- Associate editor, PLOS One, 2020-
- External Research Fellow, Pension Research Centre, Copenhagen Business School, Denmark
- NSF COVID Information Commons Student Paper Challenge Mentor, 2020
- Panelist for the Portuguese Foundation for Science and Technology (FCT), the Portuguese Research Council
- Panelist, National Science Foundation, USA
- Instructor “Social Security”, Danish Graduate Program in Economics, Aarhus University, Denmark (Nov 2009); Instructor “Uses of OG models in Macroeconomics”, Danish Graduate Program in Economics, Aarhus University, Denmark (Aug 2004)
- Visiting Scholar, Federal Reserve Bank of Kansas City (January and March, 2004); Visiting Scholar, Research Department, Federal Reserve Bank of Minneapolis (July 1994); Visiting Scholar, Research Department, Federal Reserve Bank of Dallas (July 1999)

- Referee for *Journal of Economic Theory*, *NSF, Foundation for Science and Technology (FCT)-Portugal*, *Economics and Politics*, *Journal of Health Economics*, *B.E. Press Journal in Macroeconomics*, *Review of Economic Studies*, *Econometrica*, *European Economic Review*, *American Economic Review*, *International Economic Review*, *Environment and Resource Economics*, *Journal of Economic Dynamics and Control*, *Review of Economic Dynamics*, *Journal of Public Economics*, *Economic Journal*, *Journal of Monetary Economics*, *Journal of Development Economics*, *Journal of Economic Growth*, *SSHRC Canada*, *Journal of Money, Credit and Banking*, *Canadian Journal of Economics*, *Journal of International Trade and Development*, *Economic Inquiry*, *Oxford Economic Papers*, *Southern Economic Journal*, *Economic Theory*, *International Review of Economics and Finance*, and *Indian Economic Review*
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#### EDUCATION

- Ph.D. (1996, Economics), Cornell University, USA

Dissertation Title: *Monetary and Fiscal Policy in Models of Intermediation*

Thesis Committee: Bruce D. Smith (chair), Karl Shell, Tapan Mitra

- MA (1994, Economics), Cornell University, USA
- MA (1991, Economics), Delhi School of Economics, New Delhi, India
- B.S (1989, Economics), St.Xavier's College, Calcutta, India