

SAMIRAN 'SHOMU' BANERJEE

3230 Wynn Drive, Avondale Estates, GA 30002-1647

Work (404) 712-8168 • Home (404) 297-9679 • Email sbaner3@emory.edu

Research Areas

Applied microeconomic theory, industrial organization, and experimental economics

Courses Taught

Graduate Level: Partial and general equilibrium microeconomic theory, managerial economics for MBA and Weekend Executive MBA, industrial organization, and mathematics for economists

Undergraduate Level: Introductory economics, intermediate-level microeconomics, mathematical economics, industrial organization, managerial economics, mechanism design, economics of information, game theory, and development economics

Education

Ph.D. in Economics, University of Minnesota, 1992

Thesis: *Dominance Implementation* (advisers: Leonid Hurwicz and Marcel K. Richter)

M.A. in Political Economy, Boston University, 1983

M.A. in Economics, University of Delhi, 1981

B.A. in Economics, University of Delhi, 1979

Awards

Mariposa Scholars Faculty Mentor of the Year Award, 2018-19

Emory Williams Distinguished Teaching Award, 2015-16

Winship Award for Senior Lecturers, 2013-14

Crystal Apple Teaching Award for Excellence in Graduate School Education, 2013

Honorary Emory Class Ring Award for Teaching and Mentoring, Spring 2012

Recognition for Excellent Teaching, Phi Beta Kappa Society (Gamma Chapter): Spring and Fall 2009, 2010, 2015, Spring and Fall 2017, Fall 2018, Fall 2019, Spring 2020, Spring 2022

Certificates of Appreciation, The Order of Omega, Beta Theta Pi and Delta Phi Lambda, 2007-08

Outstanding MBA Core Professor, Georgia Institute of Technology, 2000-01 and 2002-03

H&M Rothschild Scholarship, University of Minnesota, 1990

Distinguished Instructor, University of Minnesota, 1987, 1988 and 1990

Walter W. Heller Outstanding Teaching Award, University of Minnesota, 1985

Merit Scholarship, Delhi School of Economics, University of Delhi, 1980-81

Employment

2017- Professor of Pedagogy, Department of Economics, Emory University, Atlanta, GA

2011-2017 Senior Lecturer, Department of Economics, Emory University, Atlanta, GA

2007-2011 Lecturer, Department of Economics, Emory University, Atlanta, GA

2008-2019 / 21-22 Adjunct Professor, International Summer Campus, Korea University, Seoul, Korea

2007-2008 Adjunct Professor of Finance (Goizueta Business School), Emory University, Atlanta, GA

2004-2007 Visiting Faculty, Department of Economics, Emory University, Atlanta, GA

1999- 2004 Visiting Assistant Professor, The School of Economics, Georgia Institute of Technology, Atlanta, GA

1992-1999 Assistant Professor, Department of Economics, Georgia State University, Atlanta, GA

1991 Lecturer, Carleton College, Northfield, MN

1984-85 / 87-91 Instructor, Department of Economics, University of Minnesota, Minneapolis, MN

1985-87 Teaching Assistant, Department of Economics, University of Minnesota, Minneapolis, MN

1984 Summer Intern, Statistical Analysis Division, The World Bank, Washington, D.C.

1982-83 Teaching Assistant, Department of Economics, Boston University, Boston, MA

Publications

Book

- *Intermediate Microeconomics: A Tool-Building Approach, Second Edition*, Routledge UK, 2021, ISBN 978-0-367-24535, March 2021
- *The Collected Papers of Leonid Hurwicz, Volume 1*, Oxford University Press, 2022, ISBN 978-0199313280, June 2022

Articles

- A Caveat for the Application of the Critical Cost Efficiency Index in Induced Budgeted Experiments, (with J. Murphy), *Experimental Economics*, 2015, 18, pp. 356-365
- Do Rational Demand Functions Differ From Irrational Ones? Evidence from an Induced Budget Experiment, (with J. Murphy), 2011, *Applied Economics*, 43:26, pp. 3863-3882
- A Simplified Test for Preference Rationality of Two-Commodity Choice (with J. Murphy), 2006, *Experimental Economics*, 9, pp. 67-75
- The Scope Test Revisited, (with J. Murphy), *Applied Economics Letters*, 2005, 12, pp. 613-617
- Downstream R&D, Raising Rivals' Costs, and Input Price Contracts (with P. Lin), *International Journal of Industrial Organization*, 2003, 21, pp. 79-96
- Vertical Research Joint Ventures (with P. Lin), *International Journal of Industrial Organization*, 2001, 19, pp. 285-302
- An Alternative Proof of the Hurwicz (1972) Impossibility Theorem, *Economics Letters*, 1994, 44, pp. 397-401

Research in Progress

- GARP With Kids Revisited
- Ambiguity in Risk (with B. Luo)
- Capacity Choice and Competition (with S. Yue)
- Quantity-Constrained Oligopoly With Tradable Quotas (with B. Chew and S. Guo)
- Regulation of Internet Access (with S. Mialon)
- Are Hypothetical Choices Rational? (with J. Murphy)
- Manipulative Oligopoly
- On Incentive Problems in the Design of Non-Wasteful Resource Allocation Systems (finishing a paper by Leonid Hurwicz to include proofs)
- Pre-emptive Piracy (with Y. Yu)

Older Work

- Dominant Strategies and Pareto Efficiency With Two Consumer Types
- The Simple Economics of Voice Over Internet Protocol
- Research Joint Ventures Participation (with H. Ball)
- Bargaining and Price Regulation (with W. Shiu)
- Revealed Preference and a Degree of Rationality Index (with J. Murphy)
- Nonparametric Bounds on Welfare Measures (with J. Murphy)
- Validating Valuation Scenario Responses: Revealed Preference and Scope Tests (with J. Murphy)
- Environmental Regulation and Technological Innovation with Spillovers (with J. Gata)

Manuscripts and Teaching Publications

- *Collected Papers of Leonid Hurwicz*, volumes 2-4, to be published by Oxford University Press
- 'Publicly Funded Research and Patent Monopoly' and 'Hotel Bookings at the Olympic Games', news analyses published by online teaching content provider Aplia.com, 2004
- Introduction to Basic and Advanced Game Theory, teaching problem sets published by online teaching content provider Aplia.com, 2003
- Introduction to Basic and Advanced Price Discrimination, teaching problem sets published by online teaching content provider Aplia.com, 2003
- 'An Application of Demand and Supply Analysis' and 'An Exercise Regarding a Profit-Maximizing Monopolist' in R.B. Ekelund, Jr. and R.D. Tollison (1988), *Instructor's Manual to Accompany Economics, Second Edition*, Scott, Foresman and Co., Boston
- *Mathematics Foundations for Ph.D. Students in Economics*, unpublished manuscript, September 1999
- *General Equilibrium and Welfare: A Mechanism Design Approach*, unpublished manuscript, August 1999.

Theses Supervised

Graduate

- *James H. Murphy* The 'Scope Test' Reconsidered: Theory and Experimental Evidence, Georgia State University, Ph.D., July 2000
- *Harold Ball* Revenue Maximization in Research Joint Ventures, Georgia State University, Ph.D., July 2000
- *S. Chris Henderson* The Economics of Zinc Plating, Georgia Institute of Technology, M.S., December 1999

Emory Undergraduate Honors

- *Ankith Kamaraju* Most Favored Customer Clauses in Multilateral Bargaining, July 2007 (reader)
- *Jennifer Mindlin* Determining the Pareto Efficiency of the Cap in an Emissions Permit System, May 2009
- *Shoham Elazar* An Empirical Investigation of the Demand for Dental Care, May 2009 (reader)
- *Sarah Y. Guo* Quantity Constrained Duopoly With a Market for Quotas, April 2010
- *Benjamin Lim* Net Neutrality: An Economic Analysis, April 2011
- *Arundhati Murthy* The Matrix: How Society Forces Us to be Eco-Friendly, April 2011
- *Howard Riady* A Walrasian Voluntary Contribution to Public Goods, April 2011
- *Tomoko Namura* Price Controls Under Third-Degree Differential Pricing, April 2012
- *Shehzad Bharwani* Models of Social Entrepreneurship Profit Maximization and Social Value Creation, April 2012 (reader)
- *Helen D. Yeh* The Effect of Provincial Secretaries on GDP Growth in China, April 2012 (reader)
- *Susanna Kim* Religion and Mental Health: The Role of the Korean Church and Faith in the Mental Health Perceptions of Korean-American Undergraduate Population, April 2012 (reader)
- *Jung Hwan Kim* The Iraq War As a Bayesian Game: The Government, the Electorate and the Media, April 2013
- *Leah Dodell* Revisiting Biblical Games in a Bayesian Framework, April 2013 (reader)
- *Camille Maddox* "The Way Opportunities Unlimited, Inc.": A Movement for Black Equality in Minneapolis, MN 1966-1970, April 2013 (reader)
- *Joy-Annette Atsegbua* Practical Appeals: The Influence of Judicial Ideology on the Decision of Litigants to Appeal, April 2015 (reader)
- *Olivia Murray* What Matters? A Cross-Country Analysis of Parental Involvement and Student Achievement, April 2015 (reader)
- *Steven Wright* Pierce the Sky, April 2015 (reader)
- *Heejae Choi* Investigating Associations between Model-based Reinforcement Learning and Model-based Navigation, April 2017 (reader)
- *Shruti Gupta* Optimization of Dual-tropic CXCR4/CCR5 HIV-1 Entry Inhibitors and its Market Analysis, April 2017 (reader)
- *Si Woo Chae* Qualitative Analysis of Self-Compassion and Its Relationship to Self-Report Rating Measures of Self-Compassion, April 2018 (reader)
- *David Hershey* Rationality, Realism, and the Melian Dialogue, April 2018 (reader)
- *Greer Howard* An Analysis of the Effect of Advanced Placement Credit on Student Success in College, April 2018 (reader)
- *Jingru Zhao* Differential Ubiquitination of Profilin-1 in Hypoxia-Induced Pulmonary Hypertension, April 2018 (reader)
- *Tejas Kashyap* The Impact of Investment Banking Advisory in Chapter 11 Bankruptcy, April 2019 (reader)
- *Wei-Hsuan Lee* Investigating transgenerational genetic interactions between the dNab2 RNA binding protein and planar cell polarity (PCP) components in *Drosophila melanogaster*, April 2019 (reader)
- *Sarah Mahoney* A Place-Based Approach to Health: The Effect of Rhode Island's Health Equity Zones on Maternal and Neonatal Health, April 2019 (reader)
- *Sihan Yue* Smoothing Tensor Factorization On Spatial-Temporal Data, April 2019 (reader)
- *Stefan Zotovic* Returns to Scale in the Hedge Fund Industry, April 2019 (reader)
- *Miaomiao Zhang* Algorithmic Targeting of Social Welfare Programs, April 2020 (reader)

- *Tanushree Pendharkar* Willingness-to-Pay for “Sustainable” Fashion: The Effects of Information, April 2022 (reader)
- *Minjeong Seok* Measuring Calibrated Diversity Index, April 2022 (reader)

SIRE Undergraduate Research

- Cristina Calzada (2007-08), Independent research advisor
- Benjamin Lim (2008-09), Research partner
- Howard Riady (2008-09), Research partner
- Jordan Baker-Tealer (2015-16), Research partner

Referee Work

- Aplia.com
- Berkeley Electronic Journal of Theoretical Economics
- Bulletin of Economic Research
- International Journal of Industrial Organization
- Journal of Economic Behavior and Organization
- Managerial and Decision Economics
- Southern Economic Journal

Economics and Business Consulting

- BellSouth • UPS • Environmental law