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## DILIP MOOKHERJEE

### OFFICE:

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**RESEARCH INTERESTS:** Development, Inequality, Contract Theory

**TEACHING INTERESTS:** Development, Microeconomics.

**EDUCATION:** Ph.D. (Economics), London School of Economics, 1982.

M.Sc.(Econometrics and Mathematical Economics), London  
School of Economics, 1980.

M.A. (Economics), Delhi School of Economics, 1978.

B.A. (Economics), Presidency College, Calcutta, 1975.

### EMPLOYMENT:

1995-present	Professor of Economics, Boston University.
1989-1996	Professor, Planning Unit, Indian Statistical Institute, New Delhi.
1982-89	Associate Professor (1986-89), Assistant Professor (1982-86) of Economics, Graduate School of Business, Stanford University.

### OTHER APPOINTMENTS

2019-2022	Member, Executive Committee of the Econometric Society
2018-2021	Member, Council of the Econometric Society
2017 Fall	Visiting Professor, Department of Economics, New York University
2020-2022	Chair, Asia Regional Standing Committee (ARSC), Econometric Society
2015-2019	Co-Editor, <i>Theoretical Economics</i>
2011-	Associate Editor, Journal of Development Economics
2011-15	Associate Editor, American Economic Review
2012-2016	Honorary Adjunct Professor, Indian Statistical Institute
2012--	Research Associate, National Bureau of Economic Research, Cambridge, MA.

2011-2012	Visiting Mitchell Professor, Department of Economics, Columbia University
2011-	Research Fellow, Center for Economic Policy Research, London
2010-2021	Lead Academic, India Central Program, International Growth Centre, London School of Economics
2003-2008	Co-Editor, <i>Journal of Development Economics</i>
2002-- 2017	Board Member, Bureau for Economic Analysis of Development (BREAD); President 2010-2013.
2002--	Academic Advisory Panel, India Policy Forum.
2002--2004	Visiting Professor, Centre for Studies in Social Science, Calcutta
2002-2004	Academic Advisory Panel, Fiscal Affairs Department, International Monetary Fund, Washington DC
1998--	Director, Institute of Economic Development, Boston University
1992-93	Fellow, National Institute of Public Finance and Policy, New Delhi  Consultant to Chelliah Tax Reform Committee, Govt of India

### **FELLOWSHIPS, AWARDS:**

A.L. Nagar Fellow Award, Indian Econometric Society, 2017  
 Fellow, Society for Advancement of Economic Theory, 2015  
 2006, 2015 Best PhD Advisor Award, 2009 Gitner Prize for Undergraduate Teaching, Department of Economics, Boston University  
 Fellow, Econometric Society, 2008.  
 John Henry Simon Guggenheim Fellow 2001-2002.  
 Mahalanobis Memorial Award, Indian Econometric Society, 1998.  
 Ely Devons Prize, London School of Economics, 1980.  
 Hiralal Bhargava Gold Medal, Delhi University, 1978.  
 Inlaks Scholarship, London School of Economics, 1978-81.  
 Suntory Toyota Fellowship, London School of Economics, 1981-82.

### **Research Grants**

Asian Development Bank, "Strengthening Local Governance to Realize Sustainable Development Goals," (PI), February 2023-2024.  
 Social Science and Humanities Research Council, Canada, "Pathway to Sustainable Development? Evaluating a Micro-Watershed Program," (co-PI), 2022-2024, Insight Development Grant No. 430-2022-00927  
 Economic Development and Institutions (funded by DFID, UK Government):

Grant No. A0014 RA401-TG1, ``Community Networks and Industrial Entrepreneurship in India and China,’’ (PI) December 2017—November 2020

Grant No. A0014 RA408-TG2, ``Discretion versus Rule-Based Budgeting and Bureaucratic Assignment in Indian governments,’’ (PI) December 2017—November 2020

USAID Grant no. AID-OAA-F-13-00007, `Programs to Enhance Credit Access and Crop Marketing Success of Poor Farmers: A Field Experiment in West Bengal, India,’’ (PI) Feb 2013—Feb 2014.

International Growth Center, London School of Economics:

1-VCC-VINC-VXXX-35315 Community Origins of Industrial Entrepreneurship: Theory and Historical Evidence from India, 2016-17 (co-PI)

1-VRA-VINC-VXXXX-89120 Designing Microfinance for Agricultural Growth, 2014-2016 (co-PI);

RA-2010-12-002 Political Clientelism and Government Accountability in West Bengal (PI);

RA-2009-11-010 Middleman Margins, Credit and Information Constraints (PI);

RA-2009-11-025 Land Acquisition for Business and Compensation of Displaced Displaced Farmers (co-PI)

Australian Agency for International Development ADRA Grant CF09/650: Microfinance Beyond Group Lending (co-PI)

World Institute for Development Economics Research, United Nations University, Grant No. 605UU-000221 Land Inequality and Decentralized Governance in LDCs (co-PI)

International Food Policy Research Institute Grant No. 2007X044MOO Market Information and Potato Producer Prices in West Bengal, India (PI)

NSF SES-0617874 09/01/06—08/31/10 Collaborative Research on Inequality: Within and Beyond the Market (PI)

NSF SES-0418434 08/01/04—07/31/06 Political Economy of Land Reforms and Decentralized Governance in West Bengal 1978—98; (PI)

NSF [0079079](#) 08/01/2000 -- 07/31/2003 Sustainability of Common Forests in Northern India; (PI)

NSF [9709254](#) 07/01/1997-- 06/30/2000 The Functional Role of Inequality: Some Lessons from Development; (co-PI)

NSF 9209455 06/01/1992—01/31/1996 Authority, Responsibility and Incentives in Hierarchies; (co-PI)

NSF [8821723](#) 06/01/1989 -- 11/30/1991 Multiagent Incentives, the Limits of Coordination, and Efficiency; (co-PI)

**EDITORIAL BOARDS:** Associate Editor *Journal of Development Economics*

**INVITED LECTURES/WORKSHOPS/SUMMER SCHOOLS :**

October 2021 Werner Sichel Lecture, Western Michigan University

July 2018 Special Lecture on Financial Inclusion, Reserve Bank of India, Kolkata

March 2018 P.C. Mahalanobis Memorial Lecture, Indian Statistical Institute, New Delhi

June 2017	Semi-Plenary Session on Development, North American Summer Meeting of the Econometric Society, Washington University, St Louis
Nov 2016	Azores Economics Association Annual Meeting
Jan 2015	Zahid Husain Memorial Lecture, State Bank of Pakistan, Islamabad
Nov 2014	Session on Contracts and Development, Latin American Econometric Society, Sao Paulo
July 2014	Dipak Banerjee Memorial Lecture, Presidency University, Kolkata
May 2014	Henry George Memorial Lecture, University of Scranton
Dec 2013	Silver Jubilee Lecture, Indira Gandhi Institute for Development Research, Mumbai
July 2012	Fourth B.G. Kumar Lecture, Centre for Development Studies, Thiruvananthapuram
July 2012	BREAD-IGC-ISI Summer School in Development Economics, New Delhi
June 2012	Development Economics session, Summer Meeting, North American Econometric Society, Northwestern University
July 2011	Faculty of Business and Economics, Monash University
July 2010	BREAD-Verona-Trento Summer Workshop in Development Economics, Alba de Canazei
July 2008	BREAD Summer School in Development Economics, University of Verona, Alba de Canazei
Oct 2007	Session on Inequality and Development, Latin American Econometric Society, Bogota
Sept 2007	Australian Conference of Economists, Hobart, Tasmania
June 2007	Development Economics session, Summer Meeting, North American Econometric Society, Duke University
July 2006	Summer School in Development Economics, University of Verona, Alba de Canazei
June 2005	BREAD Summer School in Development Economics, BIMS Calgary
June 2003	Theory of the Firm, Summer Meetings N. American Econometric Society, Northwestern University
June 2000	Summer School on Contract Theory, Oberwesel, organized by University of Bonn
July 1999	IO and Development, Summer Meetings of Latin American Econometric Society, Cancun
April 1997	Annual World Bank Conference in Development Economics, Washington DC
Dec 1994	Winter School, Delhi School of Economics
July 1988	Summer School on Economic Systems Reform, People's University, Beijing

## BOOKS

*Market Institutions, Governance and Development: Collected Essays*, Oxford University Press, New Delhi, 2006.

*The Crisis in Government Accountability: Governance Reforms and Indian Economic Performance*, Oxford University Press, New Delhi, 2004.

*Incentives and Institutional Reform in Tax Enforcement: An Analysis of Developing Country Experience*, with Arindam Das-Gupta, Oxford University Press, New Delhi, 1998. Paperback edition, 2000.

(Co-Editor) *Decentralization and Local Governance in Developing Countries: A Comparative Perspective*, MIT Press, 2006.

(Co-Editor) *Understanding Poverty*, Oxford University Press, New York, 2006.

(Co-Editor) *Readings in the Theory of Economic Development*, Blackwell, 2000.

(Editor) *Indian Industry: Policies and Performance*, Oxford University Press, New Delhi, 1995.

(Co-Editor) *D. School: Reflections on the Delhi School of Economics*, Oxford University Press, New Delhi, 1995

(Co-Editor) *Theoretical Issues in Development Economics*, Oxford University Press, New Delhi, 1992

(Co-Editor) *Selected Issues in Game Theory and Economic Applications*, Springer-Verlag, 1992.

(Co-Editor) *Economic Theory and Policy: Essays in Honour of Dipak Banerjee*, Oxford University Press, New Delhi, 1990.

## **ONGOING RESEARCH PROJECTS**

Community Networks and Industrial Entrepreneurship in China and India

Food Marketing and Supply Chain Intermediaries in West Bengal and Bangladesh

Political Clientelism and Decentralization

Theories of Hierarchies, Intermediation, Collusion and Delegation

Theories of Inequality, Mobility and Public Policy

## **RECENT WORKING PAPERS**

“Misallocation Implications of Security and Collateral Value of Land,” with Maitreesh Ghatak, February 2024.

“Declining Clientelism of Welfare Benefits? Targeting and Political Competition based Evidence from an Indian State,” with Pushkar Maitra, Sandip Mitra and Sujata Visaria, January 2024.

“How Do Voters Respond to Welfare vis-à-vis Public Good Programs? An Empirical Test of Political Clientelism,” with Pranab Bardhan, Sandip Mitra, and Anusha Nath, Jan 2024. Conditionally accepted, Quantitative Economics.

“Community Networks, Entrepreneurship and the Process of Economic Development,” with Ruochen Dai, Kaivan Munshi and Xiabo Zhang, December 2023.

“Revisiting the Eswaran-Kotwal Model of Tenancy,” with Maitreesh Ghatak, NBER Working Paper no. 31932, December 2023.

## JOURNAL PUBLICATIONS

### **Inequality, Development, Political Economy, Public Economics**

Decentralized Targeting of Agricultural Credit Programs: Private versus Political Intermediaries, with Pushkar Maitra, Sandip Mitra and Sujata Visaria, *Journal of European Economic Association*, forthcoming.

Acquiring Land from Traditional Communities: Bottlenecks, Misallocation and Second-Best Considerations. with Maitreesh Ghatak. *Oxford Open Economics*, 2023, 2.

Bardhan, P., & Mookherjee, D. (2023). Political clientelism and capture: theory and an application. *Indian Economic Review*, 58(S1), 17-34.

Clientelistic Politics and Pro-Poor Targeting: Rules versus Discretionary Budgets, with Anusha Nath, *World Development*, 2023, 166.

Community Origins of Industrial Entrepreneurship in Pre-Independence India with Bishnupriya Gupta, Kaivan Munshi and Mario Sanclemente, *Journal of Development Economics*, 2022, 159.

Evaluating the Distributive Impacts of a Micro-Credit Intervention', with Pushkar Maitra, Sandip Mitra and Sujata Visaria, *Journal of Development Economics*, 2022, 158.

Growth, Automation and the Long Run Share of Labor, with Debraj Ray, *Review of Economic Dynamics*, 2021, <https://doi.org/10.1016/j.red.2021.09.003>

Welfare Rationales for Conditionality of Cash Transfers, with Stefan Napel, *Journal of Development Economics*, 151, 2021

Industrial Clusters, Networks and Resilience to the Covid-19 Shock in China with Ruochen Dai, Yingyue Quan and Xiaobo Zhang, *Journal of Economic Behavior and Organization*, 2021, 183, 433-455.

Credit Rationing and Pass-Through in Supply Chains: Theory and Evidence from Bangladesh with Shahe Emran, Forhad Shilpi and Helal Uddin, *American Economic Journal: Applied*, 2021, 13(3), 202-236.

Property Rights and Gender Bias: Evidence from Land Reform in West Bengal with Sonia Bhalotra, Abhisekh Chakravarty and Francisco Pino, *American Economic Journal: Applied*, 2019, 11(2), 205-37.

Forest Degradation and Economic Growth in Nepal 2003-2010, with Jean-Marie Baland and Francois Libois. *Journal of Association of Environmental and Resource Economists*, vol 5(2), April 2018.

Middleman Margins and Asymmetric Information: An Experiment with Potato Farmers in West Bengal with Sandip Mitra, Maximo Torero and Sujata Visaria. *Review of Economics and Statistics*, 100(1), March 2018.

Financing Smallholder Agriculture: An Experiment with Agent-Intermediated Microloans in India, with Sandip Mitra, Pushkar Maitra, Alberto Motta and Sujata Visaria. *Journal of Development Economics*, 127, July 2017, 306-337.

A General Equilibrium Analysis of Personal Bankruptcy Law with Ulf Lilienfeld-Toal,

- Economica*, 2016, 83:31-58.
- `A Theory of Interactions Between MFIs and Informal Lenders', with Alberto Motta, *Journal of Development Economics*, 2016, 121: 191-200.
- `Evolution of Land Distribution in West Bengal 1967-2003: Role of Land Reform and Demographic Changes, 'with Pranab Bardhan, Mike Luca and Francisco Pino, *Journal of Development Economics*, 2014, 110, 171-190.
- `Land Acquisition for Industrialization and Compensation for Displaced Agents, 'with Maitreesh Ghatak, *Journal of Development Economics*, 2014, 110, 303-312.
- "Accountability of State and Local Governments in India," *Indian Growth and Development Review*, 2014, 7(1), 12-41.
- "Middleman Margins and Globalization", with Pranab Bardhan and Masatoshi Tsumagari, *American Economic Journal: Microeconomics*, Nov 2013, 5(4), 81-119.
- `State-Led or Market-Led Green Revolution? Role of Private Irrigation Investment vis-a-vis Local Government Programs in West Bengal's Farm Productivity Growth, 'with Pranab Bardhan and Neha Kumar, *Journal of Development Economics*, 2012, 90, 222-235.
- `A Theory of Endogenous Fertility with Occupational Choice', with Silvia Prina and Debraj Ray, *American Economic Journal: Microeconomics*, 2012, 4(4), 1-34.
- `Redistributive Impact of Credit Enforcement Reforms: Evidence from Indian Debt Recovery Tribunals', with Ulf Lilienfeld-Toal and Sujata Visaria, *Econometrica*, 2012, 80(2), 497-558.
- `Subsidized Farm Input Programs and Agricultural Performance: A Farm-Level Analysis of West Bengal's Green Revolution 1982-95, 'with Pranab Bardhan, *American Economic Journal: Applied Economics*, 2011, 3, 186-214.
- `Forests to the People: Decentralization and Forest Degradation in the Indian Himalayas, 'with Jean-Marie Baland, Pranab Bardhan, and Sanghamitra Das, *World Development*, 2010, 38(11), 1642-1656.
- `The Political Economy of Debt Bondage', with Ulf Lilienfeld-Toal, *American Economic Journal: Microeconomics*, 2010, 2(3): 44-84.
- `Inequality and Markets: Some Implications of Occupational Diversity', with Debraj Ray, *American Economic Journal: Microeconomics*, 2010, 2(4), 38-76.
- `Social Interactions and Segregation in Skill Accumulation', with Debraj Ray and Stefan Napel, *Journal of European Economic Association*, April-May 2010, 8(2-3): 388-400.
- `Determinants of Redistributive Politics: An Empirical Analysis of Land Reforms in West Bengal, India', with Pranab Bardhan, *American Economic Review*, 2010, 100(4), 1572-1600.
- `Poverty and Desequalization, 'with Debraj Ray, *Journal of Globalization and Development*, 1(1), 2010.

- ‘Impact of Political Reservations in West Bengal Local Governments on Anti-Poverty Targeting’, with Pranab Bardhan and Monica Parra Torrado, *Journal of Globalization and Development*, 1(1), 2010.
- ‘Aspirations, Segregation and Occupational Choice’, with Debraj Ray and Stefan Napel, *Journal of European Economic Association*, 2010, 8(1): 139-168.
- ‘Environmental Impact of Poverty: Evidence from Firewood Collection in Rural Nepal’, with Jean-Marie Baland, Pranab Bardhan, Sanghamitra Das and Rinki Sarkar, *Economic Development and Cultural Change*, 59(1), 2010, 23-61.
- ‘A Dynamic Incentive-Based Argument for Conditional Transfers’, with Debraj Ray, *Economic Record*, September 2008, 84, S2-16.
- ‘Communitarian versus Universalistic Norms’, with Jonathan Bendor, *Quarterly Journal of Political Science*, March 2008, 3(1), 33-61.
- ‘Intergenerational Mobility and Macroeconomic History Dependence’, with Stefan Napel, *Journal of Economic Theory*, 137(1), Nov 2007, 49-78.
- ‘Satisficing and Selection in Electoral Competition’, with Jonathan Bendor and Debraj Ray, *Quarterly Journal of Political Science*, 1(2), March 2006, 171-200.
- ‘Pro-Poor Targeting and Accountability of Local Governments in West Bengal’, with Pranab Bardhan, *Journal of Development Economics*, 79, April 2006, 303-327..
- ‘Corruption and Decentralization of Infrastructure Delivery in Developing Countries’, with Pranab Bardhan, *Economic Journal*, 116, Jan 2006, 107-133.
- ‘Decentralizing Anti-Poverty Program Delivery in Developing Countries’, with Pranab Bardhan, *Journal of Public Economics*, 89, 2005, 675--704.
- ‘Tax Administration Reform and Taxpayer Compliance in India’, with Arindam Das-Gupta and Shanto Ghosh, *International Tax and Public Finance*, 2004, 11, 575--600.
- ‘Distributive Impact of Privatization in Latin America: An Overview of Evidence from Four Countries’, with David McKenzie, *Economia*, 3(2), Spring 2003, 161—218.
- ‘Fiscal Corruption: A Vice or a Virtue? --- A Comment’, with S.K. Chand and K.O. Moene, *World Development*, 31(8), August 2003, 1469-1472.
- ‘Persistent Inequality’, with Debraj Ray, *Review of Economic Studies*, 70(2), April 2003, 369-394.
- ‘Contractual Structure and Wealth Accumulation,’ with Debraj Ray, *American Economic Review*, September 2002, 818—849.
- ‘Is Equality Stable?’ with Debraj Ray, *American Economic Review*, May 2002, 253--259.
- ‘Inequality, Control Rights and Rent-Seeking: Sugar Cooperatives in Maharashtra,’ with Abhijit



Banerjee, Kaivan Munshi and Debraj Ray, *Journal of Political Economy*, February 2001, 109(1), 138-190.

- `Capture and Governance at Local and National Levels,' with Pranab Bardhan, *American Economic Review*, May 2000, 135-139.
- `Wealth Effects, Incentives and Productivity,' *Review of Development Economics*, 1(1), 1997, 116-133.
- `Tax Amnesties as Asset Laundering Devices,' with Arindam Das-Gupta, *Journal of Law, Economics and Organization*, 12(2), 1996, 408-431.
- `Corruptible Law Enforcers: How Should They Be Compensated?' with Ivan Png, *Economic Journal*, January 1995, vol. 105, 145-159. Reprinted in *The Economics of Corruption and Illegal Markets, Vol II*, G. Fiorentini and S. Zamagani (Ed.), Edward Elgar, 1999.
- `Income Tax Compliance in India: An Empirical Analysis,' with Arindam Das-Gupta and Radhika Lahiri, *World Development*, 23(12), 1995, 2051-2064.
- `Marginal Deterrence in Law Enforcement,' with Ivan Png, *Journal of Political Economy*, October 1995, vol. 102(5), 1039-1066.
- `Productivity, Contracting Mode and Development,' with Hadi Esfahani, *Journal of Development Economics*, vol. 46, 1995, 203-231.
- `Monitoring versus Investigation in Law Enforcement,' with Ivan Png, *American Economic Review*, June 1992, 82, 556-565.
- `Enforcement Costs and the Optimal Progressivity of Income Taxes,' with Ivan Png, *Journal of Law, Economics and Organization*, 1990, 6, 411-431.
- `Norms, Third Party Sanctions and Cooperation,' with Jonathan Bendor, *Journal of Law, Economics and Organization*, 6, 1990, 33-63.
- `Optimal Auditing, Insurance and Redistribution,' with Ivan Png, *Quarterly Journal of Economics*, 1989, 102, 399-415.
- `Delegation as Commitment: The Case of Income Tax Audits,' with Nahum Melumad, *Rand Journal of Economics*, 20, 1989, 139-163.
- `Institutional Structure and the Logic of Ongoing Collective Action,' with Jonathan Bendor, *American Political Science Review*, 81, 1987, 129-155.
- `Comparing Centralized and Decentralized Institutions: A Reply to Schwartz and Tomz,' *American Political Science Review*, 92(3), 1998, 695-697.
- `Shadow Pricing with Suboptimal Policy Rules,' *Journal of Public Economics*, 31, 1986, 287-305.
- `A Decomposition Analysis of the Trend in UK Income Inequality,' with A. Shorrocks, *Economic*

*Journal*, 92, 1982, 886-902.

## **Contract and Organization Theory**

Regulatory Mechanism Design with Extortionary Collusion, with Masatoshi Tsumagari, *Journal of Economic Theory*, 208, 2023.

A Theory of Progressive Lending with Dyotona Dasgupta, *Games and Economic Behavior*, 2023, 137, 211-227.

Consulting Collusive Experts with Alberto Motta and Masatoshi Tsumagari, *Games and Economic Behavior*, 2020, 122, 290-317.

“Mechanism Design with Communication Constraints” with Masatoshi Tsumagari, *Journal of Political Economy*, Oct 2014, 122(5), 1094-1129.

‘The 2007 Nobel Memorial Prize in Mechanism Design Theory,’ *Scandinavian Journal of Economics*, June 2008, 110(2), 237—260.

‘Decentralization, Hierarchies and Incentives: A Mechanism Design Perspective,’ *Journal of Economic Literature*, June 2006, XLIV(2), 367—390.

‘The Organization of Supplier Networks: Effects of Delegation and Intermediation,’ with Masatoshi Tsumagari, *Econometrica*, July 2004, 72(4), 1179--1220.

‘Incentives and Coordination in Hierarchies,’ with Stefan Reichelstein, *Advances in Theoretical Economics*, vol 1, no. 1, Article 4, <http://www.bepress.com/bejte/advances/vol1/iss1/art4>.

‘Competition and Incentives with Nonexclusive Contracts,’ with Charles Kahn, *Rand Journal of Economics*, Autumn 1998, 29(3), 443-465.

‘Contract Complexity, Information Processing and the Value of Delegation,’ with Nahum Melumad and Stefan Reichelstein, *Journal of Economics and Management Strategy*, 6(2), 1997, 257-289.

‘Budgeting and Hierarchical Control,’ with Stefan Reichelstein, *Journal of Accounting Research*, 35(2), Autumn 1997, 129-155.

‘Hierarchical Decentralization of Incentive Contracts,’ with Nahum Melumad and Stefan Reichelstein, *Rand Journal of Economics*, Winter 1995.

‘A Theory of Responsibility Centers,’ with Nahum Melumad and Stefan Reichelstein, *Journal of Accounting and Economics*, 1992, 15, 445-484.

‘The Revelation Approach to Nash Implementation,’ with Stefan Reichelstein, *Economics Letters*, 1992, 39, 309-313.

‘Dominant Strategy Implementation of Bayesian Incentive Compatible Allocation Rules,’ with Stefan Reichelstein, *Journal of Economic Theory*, 1992, 56, 378-399.

- `Implementation via Augmented Revelation Mechanisms,' with Stefan Reichelstein, *Review of Economic Studies*, 1990, 57, 453-475.
- `Incentives, Compensation and Social Welfare,' with Margaret Meyer, *Review of Economic Studies*, 54, 1987, 209-226.
- `Optimal Incentive Schemes with Many Agents,' *Review of Economic Studies*, 51, 1984, 433-446.

## **Industrial Organization**

- `Collusive Market Structure with Learning By Doing and Increasing Returns,' with Debraj Ray, *Review of Economic Studies*, 1991, 58, 993-1009.
- `On the Competitive Pressure Created by the Diffusion of Innovations,' with Debraj Ray, *Journal of Economic Theory*, 1991, 54, 124-147.
- `Portfolio Choice in R&D,' with Sudipto Bhattacharya, *Rand Journal of Economics*, 17, 1986, 594-605.

## **Game Theory**

- `Reinforcement Learning in Repeated Interaction Games,' with Jonathan Bendor and Debraj Ray, *Advances in Theoretical Economics*. vol 1, no. 1, Article 3, <http://www.bepress.com/bejte/advances/vol1/iss1/art3>, 2001.
- `Aspiration-Based Reinforcement Learning in Repeated Games: An Overview,' with Jonathan Bendor and Debraj Ray, *International Game Theory Review*, Vol. 3, Nos. 2 & 3 (2001) 159-174.
- `Evolving Aspirations and Cooperation,' with R. Karandikar, D. Ray and F. Vega-Redondo, *Journal of Economic Theory*, 1998, 80, 292-331.
- `Learning and Decision Costs in Constant Sum Experimental Games,' with Barry Sopher, *Games and Economic Behavior*, 19, 1997, 97-132.
- `Learning Behavior in an Experimental Matching Pennies Game,' with Barry Sopher, *Games and Economic Behavior*, 1994.
- `The Good, the Bad and the Ugly: Coalition Proof Equilibrium in Infinite Games,' with Charles Kahn, *Games and Economic Behavior*, 1992.
- `Counterintuitive Results in Simultaneous Move Incomplete Information Games: Some Examples,' *International Economic Review*, 26, 1985, 655-659.

## **Markets with Imperfect Information; Microfoundations of Macroeconomics**

- `Market Failure and Moral Hazard with Side Trading,' with Charles Kahn, *Journal of Public*

*Economics*, 1995, 58, 159-184.

‘Coalition Proof Equilibrium of an Adverse Selection Insurance Economy’, with Charles Kahn, *Journal of Economic Theory*, 66, 1995, 113-38.

‘A Competitive Efficiency Wage Model with Keynesian Features,’ with Charles Kahn, *Quarterly Journal of Economics*, 1988, 103, 609-645.

‘Involuntary Unemployment and Worker Self Selection,’ *Journal of Economic Theory*, 45, 1988, 171-188.

‘Involuntary Unemployment and Worker Moral Hazard,’ *Review of Economic Studies*, 53, 1986, 739-754

### **ARTICLES IN NON-REFEREED JOURNALS, BOOKS AND CONFERENCE VOLUMES**

‘Decentralised Targeting of Transfer Programmes: A Reassessment’. In J. -P. Faguet, & S. Pal (Eds.), *Decentralised Governance: Crafting Effective Democracies Around the World*. London: LSE Press.

‘The Tale of Two Asian Tigers: Comparing Development in Selected Provinces of China and India since 1980,’ Werner Sichel Lecture, University of Western Michigan, W.E. Upjohn Press, forthcoming.

‘Anti-Poverty Programmes in India: Past, Present and Future,’ in *Development, Distribution and Markets*. Edited by K. Basu, M. Ghatak, K. Kletzer, S. Mundle and E. Verhoogen, Oxford University Press. New Delhi, 2021.

‘Clientelistic Politics and Economic Development: An Overview,’ with Pranab Bardhan, in *The Handbook of Economic Development and Institutions*, edited by J.M. Baland, F. Bourguignon, J.P. Platteau and F. Bourguignon, Princeton University Press, 2020.

‘Mechanism Design Theory and Economic Institutions: Some Reflections,’ in *The Future of Economic Design*, J.F. Laslier, H. Moulin, M.R. Sanver and W.S. Zwicker (Ed), Springer, 2019.

‘Towards a Comprehensive Social Security System: An Assessment of Recent UBI Proposals,’ *Indian Journal of Human Development*, Aug 2017, 11(2): 173-176.

‘Political Decentralization,’ *Annual Reviews of Economics*, 2015, 7: 231-249.

‘Political Participation, Clientelism and Targeting of Local Government Programs: Analysis of Survey Results from Rural West Bengal, India, with P Bardhan, S. Mitra and A. Sarkar, in *Is Decentralization Good for Development? Perspectives from Academics and Policy Makers*, Jean-Paul Faguet and Caroline Posschl (Editors), Oxford University Press, 2015.

‘Decentralization and Development: Dilemmas, Trade-offs and Safeguards,’ with Pranab Bardhan, in *Handbook of Multilevel Finance*, E. Ahmad and G. Brosio (Editors), Edward Elgar, 2015.

‘Changing Voting Patterns in West Bengal: Role of Clientelism and Local Public Goods’, with Pranab Bardhan, Sandip Mitra and Anusha Nath, *Economic and Political Weekly*, March 15, 2014.

- ‘Forest Degradation in the Himalayas: Determinants and Policy Options,’ with Jean-Marie Baland and Sanghamitra Das, in Scott Barrett, Karl-Göran Mäler, and Eric Maskin, Editors, *Environment and Development Economics: Essays in Honour of Sir Partha Dasgupta*, Oxford University Press, 2014.
- ‘Land Acquisition and Compensation in Singur: What Really Happened?’ with Maitreesh Ghatak, Sandip Mitra and Anusha Nath, *Economic and Political Weekly*, vol XLVIII (21), May 25 2013, 32-44.
- ‘Incentives in Hierarchies’, in *Handbook of Organizational Economics*, edited by Robert Gibbons and John Roberts, Princeton University Press, 2012.
- ‘Political Competition and the Impact of Local Governance on Pro-Poor Programs,’ with Pranab Bardhan, in *Community, Market and State in Development*, Keijiro Otsuka and Kaliappa Kalirajan (Editors), Palgrave-MacMillan, 2011.
- ‘Statistical Database of the Indian Economy: Need for New Directions,’ in *Econophysics and Economics of Games, Social Choices and Quantitative Techniques*, Banasri Basu, Bikas Chakrabarti, Satya Chakravarty, Kausik Gangopadhyay (Eds.), Springer-Verlag 2010.
- ‘Impact of Minority Reservations on Targeting in West Bengal Local Governments,’ with Pranab Bardhan and Monica Parra Torrado, in Arpita Dhar (Editor), *Some Contemporary Issues on Development and Growth Economics*, Allied Publishers and Jadavpur University, Kolkata and New Delhi, 2010.
- ‘Local Democracy and Clientelism: Implications for Political Stability in Rural West Bengal,’ with Pranab Bardhan, Sandip Mitra and Abhirup Sarkar, *Economic and Political Weekly*, 44(9), February 2009.
- ‘Managing the Environmental Consequences of Growth: Deforestation in the Himalayas,’ with J.M. Baland, P. Bardhan, S. Das and R. Sarkar, *India Policy Forum 2007*, Suman Bery, Barry Bosworth and Arvind Panagariya (Ed.), Sage Publications, 2007.
- ‘Panchayats’, in *The Oxford Companion to Economics in India*, Kaushik Basu (Editor), Oxford University Press, 2007.
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