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DATE OF BIRTH: June 30, 1956

NATIONALITY: Indian

RESEARCH INTERESTS: Incentives and Institutions, Economic Development, Game Theory

TEACHING INTERESTS: Microeconomics, Development, Public Economics

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

PROFESSIONAL EXPERIENCE:

1995-present Professor of Economics, Boston University

1989-1996 Professor, Planning Unit, Indian Statistical Institute, New Delhi

1986-89 Associate Professor of Economics, Graduate School of Business, Stanford University

1982-1986 Assistant Professor of Economics, Graduate School of Business, Stanford University

AWARDS AND GRANTS:

MacArthur Foundation Inequality Network Member 1996-99

National Science Foundation Grants 1988-91, 1992-95, 1997-99

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

BOOKS

- Incentives and Institutional Reform in Tax Enforcement: An Analysis of Developing Country Experience*, (Editor) *Indian Industry: Policies and Performance*, Oxford University Press, 1995.
- (Co-Editor) *D' School: Reflections on the Delhi School of Economics*, with Dharma Kumar, Oxford University Press, 1995.
- (Co-Editor) *Theoretical Issues in Development Economics*, with Bhaskar Dutta, Shubhashis Gangopadhyay and Debraj Ray, Oxford University Press, 1992.
- (Co-Editor) *Selected Papers in Game Theory and Economic Applications*, Proceedings of an International Conference held at the Indian Statistical Institute, Springer-Verlag, 1992.
- (Co-Editor) *Economic Theory and Policy: Essays in Honour of Dipak Banerjee*, jointly with Bhaskar Dutta, Shubhashis Gangopadhyay and Debraj Ray, Oxford University Press, 1990.

ONGOING RESEARCH

- `The Functional Role of Inequality,' with Debraj Ray
- `Decentralized Government and Delivery of Public Services,' with Pranab Bardhan
- `Tax Administration Reform and Taxpayer Compliance in India: Theory and Empirics', with Arindam Das-Gupta and Shanto Ghosh
- `Norms Governing Interethnic Cooperation and Conflict,' with Jonathan Bendor
- `Farm Productivity in West Bengal under the Left Front Government,' with Pranab Bardhan
- `Incentives and Coordination in Hierarchies,' with Stefan Reichelstein.
- `Ownership and Performance in the Indian Sugar Industry', with Sanghamitra Das

CURRENT WORKING PAPERS

- `Regulating Inter-Group Conflict: Ascriptive Versus Universalistic Norms,' with Jonathan Bendor, mimeo, September 1998.
- `Reinforcement Behavior in Repeated Games,' with Jonathan Bendor and Debraj Ray, mimeo, September 1998.
- `Information Systems and Public Policy in Developing Countries,' background paper for the 1998 World Development Report of the World Bank, mimeo, April 1998.
- `Inequality, Control Rights and Rent-Seeking: A Theoretical and Empirical Analysis of Sugar Cooperatives in Maharashtra,' with Abhijit Banerjee, Kaivan Munshi and Debraj Ray, Working Paper, Institute for Economic Development, Boston University, October 1997. Revised, July 1998.
- `Tenancy, Saving Incentives and Wealth Dynamics,' with Debraj Ray, mimeo, September 1996.

PUBLICATIONS IN REFEREED JOURNALS:

- `Competition and Incentives with Nonexclusive Contracts,' with Charles Kahn, *Rand Journal of Economics*, Autumn 1998, 29(3), 443-465.
- `Evolving Aspirations and Cooperation,' with R. Karandikar, D. Ray and F. Vega-Redondo, *Journal of Economic Theory*, 1998, 80, 292-331.
- `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.
- `Wealth Effects, Incentives and Productivity,' *Review of Development Economics*, 1(1), 1997, 116-133.
- `Learning and Decision Costs in Constant Sum Experimental Games,' with Barry Sopher, *Games and Economic Behavior*, 19, 1997, 97-132.
- `Budgeting and Hierarchical Control', with Stefan Reichelstein, *Journal of Accounting Research*, 35(2), Autumn 1997, 129-155.
- `Tax Amnesties as Asset Laundering Devices,' with Arindam Das-Gupta, *Journal of Law, Economics and Organization*, 12(2), 1996, 408-431.
- `Hierarchical Decentralization of Incentive Contracts,' with Nahum Melumad and Stefan Reichelstein, *Rand Journal of Economics*, Winter 1995.
- `Income Tax Compliance in India: An Empirical Analysis,' with Arindam Das-Gupta and Radhika Lahiri, *World Development*, 23(12), 1995, 2051-2064.
- `Market Failure and Moral Hazard with Side Trading,' with Charles Kahn, *Journal of Public Economics*, 1995, 58, 159-184.
- `Corruptible Law Enforcers: How Should They Be Compensated?' with Ivan Png, *Economic Journal*, January 1995, vol.105, 145-159.
- `Coalition Proof Equilibrium of an Adverse Selection Insurance Economy', with Charles Kahn, *Journal of Economic Theory*, vol. 66, 1995, 113-38.
- `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.
- `Learning Behavior in an Experimental Matching Pennies Game,' with Barry Sopher, *Games and Economic Behavior*, 1994.
- `A Theory of Responsibility Centers,' with Nahum Melumad and Stefan Reichelstein, *Journal of Accounting and Economics*, 1992.
- `Teaching the Economics of Information and Uncertainty in Developing Countries,' *Journal of Development Planning*, December 1993.
- `The Revelation Approach to Nash Implementation,' with Stefan Reichelstein, *Economics Letters*, 1992.
- `Dominant Strategy Implementation of Bayesian Incentive Compatible Allocation Rules,' with Stefan Reichelstein, *Journal of Economic Theory*, 1992, 56, 378-399.
- `Monitoring versus Investigation in Law Enforcement,' with Ivan Png, *American Economic Review*, June 1992.
- `Collusive Market Structure with Learning By Doing and Increasing Returns,' with Debraj Ray, *Review of Economic Studies*, 1991, 58, 993-1009.
- `The Good, the Bad and the Ugly: Coalition Proof Equilibrium in Infinite Games,' with Charles Kahn, *Games and Economic Behavior*, 1992.
- `On the Competitive Pressure Created by the Diffusion of Innovations, with Debraj Ray, *Journal of Economic Theory*, 1991, 54, 124-147.
- `Enforcement Costs and the Optimal Progressivity of Income Taxes,' with Ivan Png, *Journal of Law, Economics and Organization*, 1990, 6, 411-431.
- `Implementation via Augmented Revelation Mechanisms,' with Stefan Reichelstein, *Review of Economic Studies*, 1990, 57, 453-475.

- `Norms, Third Party Sanctions and Cooperation,' with Jonathan Bendor, *Journal of Law, Economics and Organization*, 6, 1990, 33-63.
- `Delegation as Commitment: The Case of Income Tax Audits,' with Nahum Melumad, *Rand Journal of Economics*, 20, 1989, 139-163.
- `Optimal Auditing, Insurance and Redistribution,' with Ivan Png, *Quarterly Journal of Economics*, 1989, 102, 399-415. 399-415.
- `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.
- `Institutional Structure and the Logic of Ongoing Collective Action, with Jonathan Bendor, *American Political Science Review*, 81, 1987 129-155.
- `Incentives, Compensation and Social Welfare,' with Margaret Meyer, *Review of Economic Studies*, 54, 1987, 209-226.
- `Shadow Pricing with Suboptimal Policy Rules,' *Journal of Public Economics*, 31, 1986, 287-305.
- `Portfolio Choice in R&D,' with Sudipto Bhattacharya, *Rand Journal of Economics*, 17, 1986, 594-605.
- `Involuntary Unemployment and Worker Moral Hazard,' *Review of Economic Studies*, 53, 1986, 739-754.
- `Counterintuitive Results in Simultaneous Move Incomplete Information Games: Some Examples,' *International Economic Review*, 26, 1985 655-659.
- `Optimal Incentive Schemes with Many Agents,' *Review of Economic Studies*, 51, 1984, 433-446.
- `A Decomposition Analysis of the Trend in UK Income Inequality,' with Anthony Shorrocks, *Economic Journal*, 92, 1982, 886-902.

OTHER PUBLICATIONS

- "Incentive Reforms in Developing Country Bureaucracies: Lessons from Tax Administration," Annual World Bank Conference on Development Economics, Boris Pleskovic and Joseph Stiglitz (Editors), The World Bank, Washington D.C.
- `Reforming Indian Income Tax Enforcement,' with Arindam Das-Gupta, forthcoming in S. Kahkonen and A. Lanyi (Editors), *Institutions, Incentives and Economic Reforms in India*, Sage, New Delhi.
- `Tax Amnesties in India: An Empirical Evaluation,' with Arindam Das-Gupta, forthcoming in S. Kahkonen and A. Lanyi (Editors), *Institutions, Incentives and Economic Reforms in India*, Sage, New Delhi.
- `Informational Rents and Property Rights in Land', in *Property Relations, Incentives and Welfare*, edited by John Roemer, Macmillan Press 1997.
- `Design and Enforcement of Income Taxes in India," with Arindam Das-Gupta, in *Fiscal Policy in India*, edited by Sudipto Mundle, Oxford University Press, 1997.
- `Dissection of a Bold Budget,' with Arindam Das-Gupta, in *Economic and Political Weekly*, Special Budget Issue, April 1993.
- `Indian Economy at the Crossroads,' *Economic and Political Weekly*, Special Budget Issue, April 1992.
- `Market Failure and Information,' in *Welfare Economics and India*, edited by Bhaskar Dutta, Oxford University Press, New Delhi, 1993.
- `Learning By Doing and Industrial Market Structure: An Overview,' with Debraj Ray, in *Theoretical Issues in Development Economics*, edited by Bhaskar Dutta and others, Oxford University Press, New Delhi, 1992.
- The Economics of Enforcement,' in *Issues in Economic Theory and Public Policy: Essays in Honour of Tapas Umdar*, edited by A. Bose, M.K. Rakshit and A. Sinha, Oxford University Press, New Delhi, 1997.

Rank Order Competition and Incentives: An Organizational Perspective, in *Economic Theory and Policy: Essays in Honour of Dipak Banerjee*, edited by Bhaskar Dutta and others, Oxford University Press, New Delhi, 1990.