

Curriculum Vitae

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Department of Economics

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Employment:

- 2006 onwards, Associate Professor, Dept. of Economics, University of Melbourne
- 2001-2005, Senior Lecturer, Dept. of Economics, University of Melbourne
- 1997-2000, Lecturer, Dept. of Economics, University of Melbourne

Education:

- 1998, Ph.D., Economics, University of Southern California, USA
- 1992, MA, Economics, Delhi School of Economics, Delhi, India
- 1990, BA (Honours), Economics, Delhi University, India

Professional Activities:

- Associate Editor: American Journal of Agricultural Economics
- Associate Editor: Australian Journal of Agricultural and Resource Economics
- Associate Editor: Agricultural Economics
- Editorial Board: Economic Analysis and Policy
- Executive Council: Economic Science Association
- Member, Association of Environmental and Resource Economics
- Member, Economic Science Association.
- Member, Econometric Society.

Refereeing:

Journal Articles: American Economic Review, American Journal of Agricultural Economics, Asian Economic Journal, Australian Economic Review, Australian Economic Papers, Australian Journal of Agricultural and Resource Economics, Economic Inquiry, Economic Record, Ecological Economics, Economics of Governance, Energy Economics, Environmental Modeling and Assessment, Environmental Management, European Review of Agricultural Economics, Experimental Economics, Forest Policy and Economics, International Journal of Industrial Organization, International Review of Economics Education, Journal of Economic Behavior and Organization, Journal of Environmental Economics and Management, Journal of Environmental Management, Journal of Population Economics, Journal of Public Economics, Resource and Energy Economics, Review of Industrial Organization, Southern Economic Journal, Water Resources Research.

Grants: National Science Foundation (USA), Productivity Commission Working Papers, Monash University Grants, Sustaining New Zealand's Economic and

Technological Development Grants, City University of Hong Kong Research Grant Scheme, Binational Science Foundation (US-Israel).

Research Interests:

- Environmental Economics
- Experimental Economics
- Institutions and Development

Publications:

A. Journal Articles

- Does the Size of the Action Set Matter for Cooperation? (with Nikos Nikiforakis), *Economics Letters*, 2009, 104(115-117).
- Propensities to Engage in and Punish Corrupt Behavior? Experimental Evidence from Australia, India, Indonesia and Singapore, (with Lisa Cameron, Ananish Chaudhuri and Nisvan Erkal), *Journal of Public Economics*, 2009, 93(7-8), 843-851.
- Subject Pool Effects in a Corruption Experiment: A Comparison of Indonesian Public Servants and Indonesian Students. (with Vivi Alatas, Lisa Cameron, Ananish Chaudhuri and Nisvan Erkal), *Experimental Economics*, 2009, 12 (1), 113-132.
- Gender, Culture and Corruption: Insights from an Experimental Analysis. (with Vivi Alatas, Lisa Cameron, Ananish Chaudhuri and Nisvan Erkal), *Southern Economic Journal*, 2009, 75(3). 663-680.
- Experimental Analysis of Risk and Uncertainty in Provisioning Private and Public Goods, (with Veronika Nemes), *Economic Inquiry*, 2009, 47(1), 146-164.
- Salinity in Water Markets: An Experimental Investigation of the Sunraysia Salinity Levy, Victoria (with Charlotte Duke), *Ecological Economics*, 2008, 68(1-2), 486-503.
- An Experimental Analysis of Trust and Trustworthiness (with Ananish Chaudhuri), *Southern Economic Journal*, 2007, 73(4), 959-985.
- Environmental Compliance by Firms in the Manufacturing Sector in Mexico, *Ecological Economics*, 2006, 59(4), 477-486.
- An Experimental Study of Compliance and Leverage in Auditing and Regulatory Enforcement (with Tim Cason), *Economic Inquiry*, 2006, 44(2), 352-366.
- Emissions Variability in Tradable Permit Markets with Imperfect Enforcement and Banking (with Tim Cason), *Journal of Economic Behavior and Organization*, 2006, 61, 199-216.

- A Laboratory Comparison of Uniform and Discriminative Price Auctions for Reducing Non-Point Source Pollution (with Tim Cason), *Land Economics*, 2005 81(1), Pages 51 – 70.
- Auction Design for Voluntary Conservation Programs (with Tim Cason), *American Journal of Agricultural Economics*, 2004, 86(5), Pages 1211-1217.
- Analysis of Prices in Tradable Emission Markets: An Empirical Study of the Regional Clean Air Incentives Market in Los Angeles, *Applied Economics*, 2004, 36(14), Pages 1569-1582.
- Market Power in Tradable Emission Markets: A Laboratory Testbed for Emission Trading in Port Phillip Bay, Victoria (with Tim Cason and Charlotte Duke), *Ecological Economics*, 2003, 46, Pages 469-491.
- A Laboratory Study of Auctions for reducing Non-Point Source Pollution (with Tim Cason and Charlotte Duke), *Journal of Environmental Economics and Management*, 2003, 46(3), Pages 446-471.
- Testing for Son Preference in South Africa (with Pushkar Maitra), *Journal of African Economies*, 2003, 12(3): 371-416.
- Transactions Costs in Tradable Permit Markets: An Experimental Study of Pollution Market Designs (with Tim Cason), *Journal of Regulatory Economics*, 2003, 23: 2, Pages 145-165.
- Comparing Travel Cost Models and the Precision of their Consumer Surplus Estimates: Albert Park and Maroondah Reservoir (with Nicola Lansdell), *Australian Economic Papers*, 2003, 42(4), Pages 399-417.
- The Effect of Education on the Timing of Marriage and First Birth in Pakistan (with Pushkar Maitra), *Journal of Quantitative Economics*, New Series 1(1), July 2003, pages 114 - 133.
- Environmental Labeling and Incomplete Consumer Information in Laboratory Markets (with Tim Cason), *Journal of Environmental Economics and Management*, January 2002, Vol 43(1), Pages 113-134.
- Compliance in Environmental Markets, *Applied Economics Letters*, 2001, 8, Pages 641-644.
- Interrelationships between Income, Health and the Environment: Extending the EKC Hypothesis (with Rebecca Valenzuela), *Ecological Economics*, February 2001, 36(3), Pages 513-531.
- Two Aspects of Fertility Behaviour in South Africa (with Pushkar Maitra), *Economic Development and Cultural Change*, October 2001.
- Does Child Mortality reflect Gender Bias: Evidence from Pakistan (with Pushkar Maitra), *Indian Economic Review*, 2000, Vol XXXV, 2, Pages 113-131.

- Transaction Costs in Pollution Markets: An Empirical Study, *Land Economics*, 76(4), November 2000.
- An Experimental Study of Electronic Bulletin Board Trading for Emission Permits (with Tim Cason), *Journal of Regulatory Economics*, 14:55-73, 1998.

B. Book Chapters

- Chapter titled: Investment Decisions and Emissions Reductions: Experimental Results in Emissions Permit Trading (with A. Farrell and R. Croson), in *The Handbook of Experimental Economics and the Environment*, Michael Price and John List, editors, forthcoming.
- Chapter titled: A Testbed Experiment for Water and Salinity Rights Trading in Irrigation Regions of the Murray Darling Basin, Australia, (with T. Cason, and C. Duke), in *Experimental Methods, Environmental Economics*, Todd L. Cherry, Stephan Kroll and Jason Shogren, editors, published by Routledge, UK, 2008.
- Chapter titled: Growth and the Environment (with Pushkar Maitra, Monash University) in *UNESCO-EOLSS Encyclopedia on Trade and Sustainable Development*, Pasquale Sgro, editor, published by UNESCO.
- Chapter titled: The Property Rights Paradigm and the Nature of Institutional and Market Interconnections driving the Global Dispersal of Environmental Damage (joint with Pushkar Maitra, Monash University) in *UNESCO-EOLSS Encyclopedia on Trade and Sustainable Development*, Pasquale Sgro, editor, published by UNESCO.

C. Book Reviews

- “Markets for Clean Air”, by Ellerman, Joskow, Schmalensee, Montero, and Bailey for *Economic Record*, Volume 82, No: 257, Pages: 227-229, June 2006.
- “Natural Resource and Environmental Economics”, by Roger Perman, Yue Ma, James McGilvray and Michael Common for *Australian Journal of Agricultural and Resource Economics*, Volume 45: 3, Pages: 498-500, September 2001.
- “Advanced Principles In Environmental Policy”, by Anastasios Xepapadeas for *Economic Record*, Volume 74, No: 226, September 1998

D. Others

- Regulation in Environmental Markets: What can we Learn from Experiments to Reduce Salinity? (joint with Charlotte Duke), *Australian Economic Review*, For the Student, 38(4), 2005.
- Policies to Mitigate Global Climate Changes, *Environmental Quarterly, Newsletter of the Office for Environmental Programs, University of Melbourne, December Issue, 2000.*

- Tradable Permits in Pollution Markets, *Econochat, Newsletter of the Department of Economics, University of Melbourne, Issue 11: 11-13, January 1999.*
- An Assessment of Southern California's Experiment in Emissions Credit Trading (joint with Tim Cason), *A publication of the Southern California Studies Center, University of Southern California, 1996.*

Revisions in Progress:

- An Experimental Analysis of Group Size, Reciprocity and Risk Sharing (with Pushkar Maitra), revision invited by *Journal of Development Economics.*
- Can Real-Effort Investments Inhibit the Convergence of Experimental Markets? (with Tim Cason and Nikos Nikiforakis), revision invited by *International Journal of Industrial Organization.*
- Relative Earnings and Giving in a Real-Effort Experiment (with Nisvan Erkal and Nikos Nikiforakis), revision invited by *The American Economic Review.*

Work in Progress:

- Moral Hazard and Peer Monitoring in a Laboratory Microfinance Experiment. (with Tim Cason and Pushkar Maitra).
- Who will Bell the Pirate? An Experimental Analysis of Commercial Piracy (with Dyuti Banerjee and Pushkar Maitra).
- Price Discovery and Intermediation in International Emissions Markets: A Laboratory Study (with Tim Cason).
- Cooperation Spillovers and Price Competition in Experimental Markets (with Tim Cason).
- Affirmative Action and Experiments (with Michael Kidd, Ronald Oaxaca and Nick Feltovich).
- Behavioural Anomalies, Bounded Rationality and Simple Heuristics (with Suren Basov and Liam Blanckenberg).
- Uncertainty Aversion and Risk Aversion: Are They the Same? (with V. Nemes).

Grants:

- 2010-2012, Australian Research Council, Discovery Grant. *Topic: Relative Income, Social Preferences, and Charitable Giving: An Experimental Analysis* (Joint with Nisvan Erkal and Nikos Nikiforakis).
- 2009-2011, Australian Development Research Awards, AusAID. *Topic: Microfinance Beyond Group Lending* (Joint with Pushkar Maitra, Dilip Mookherjee, Rohini Somanathan, Sujata Visaria, Sandip Mitra and Maximo Torero).

- 2009, Faculty Research Grant, University of Melbourne. *Topic: Exploring Individual Heterogeneity in Experimental Data Using Bayesian Methods* (Joint with Liana Jacobi).
- 2006, Faculty Research Grant, University of Melbourne. *Topic: Redistribution Preferences in Australia, the UK and the US: An Experimental Investigation* (Joint with Nisvan Erkal and Nikos Nikiforakis)
- 2006-2008, Australian Research Council, Discovery Grant. *Topic: The Economics of Corruption and Institutional Change: Theory and Experiments.* (Joint with Nisvan Erkal, Lisa Cameron and Ananish Chaudhuri).
- 2006-2008, Australian Research Council, Linkage Grant. *Topic: Designing Innovative Allocation Mechanisms for Public Policy.* (Joint with Peter Bardsley, Nisvan Erkal, Jim Mirrless, Charles Plott and Industry Partners).
- 2005, Faculty Research Grant. *Topic: An Experimental Analysis of Risk Pooling.*
- 2005-2010, Australian Research Council, Network Grant *Topic: The Economic Design Network: Practical Policy Tools for Industry, Infrastructure, Services and the Environment.* (Peter Bardsley, chair of the Design Network)
- 2005, Australian Research Council, Network Seeding Grant (Peter Bardsley, chair of the Network)
- 2004, Faculty Seeding Grant. *Topic: Globalisation and Development in Asia: Governance, Policy Reforms, and Impact on the Poor.* (Joint with Sisira Jayasuriya, Peter Bardsley, Lisa Cameron, Donald MacLaren, Nisvan Erkal and Jenny Williams).
- 2003-2005, Australian Research Council, Linkage Grant. *Topic: New Directions in Information Economics and Environmental Policy.* (Joint with Peter Bardsley, Vivek Chaudhuri and Gary Stoneham).
- 2002, Melbourne Research Development Grant Scheme, University of Melbourne. *Topic: Gender Differences in Trust and Reciprocity.*
- 2001, Melbourne Research Development Grant Scheme, University of Melbourne. *Topic: Transactions Costs in Tradable Permit Markets: An Experimental Study.*
- 2001, Melbourne Research Development Grant Scheme, University of Melbourne. *Topic: Firm Characteristics, Source of Finance and Environmental Compliance in Mexico.*
- 2000, Travel Grant, World Congress, Econometric Society.
- 2000, Faculty Research Grant, University of Melbourne. *Topic: Examining the Gender Preference Hypothesis in Pakistan and South Africa.*
- 2000, Strategic Partnerships with Industry – Research and Training Scheme, Australian Research Council. *Topic: Market-based Emission Control Mechanisms: Insights from Experimental Economics.* (joint with Michael Aitken at University of Sydney, Michael Briers at UNSW and Charles Plott at Caltech).
- 1999, Visiting Research Scholar Award.
- 1999, Faculty Research Grant, University of Melbourne. *Topic: Interrelationships between Income, Health and the Environment: Extending the EKC Hypothesis.*
- 1999, Australian Research Council, Small Grant. *Topic: Incentives for Compliance with Environmental Regulations.*
- 1998, Special Initiatives Grant, University of Melbourne. *Topic: Analysis of Trading in the Regional Clean Air Incentives Market in Los Angeles.*
- 1998, Faculty Research Grant, University of Melbourne. *Topic: An Investigation of the Trends in Natural Resource Prices in Australia.*

Awards and Fellowships:

- 2005, Dean's Certificate for Excellence in Teaching
- 2004, Visiting Scholar, Purdue University.
- 2003, Dean's Certificate for Excellence in Teaching
- 1996, Research Fellow, Political Economy Research Center (PERC), Bozeman, Montana.
- 1993-97, Teaching Fellowship, University of Southern California.
- 1992, University Grants Commission, National Scholarship, Govt. of India.

Invited/Keynote Presentations:

- Invited Speaker: Econometric Society Australasian Meetings (ESAM), 2003
- Keynote Speaker: Australian Agricultural and Resource Economics Society Meetings (AARES), 2008

Conference Organisation (with colleagues):

- In the process of organising the Economic Science Association Meetings, Asia Pacific Branch, 2010.
- Session organised: at the American Economic Association Meetings, San Francisco, 2009.
- Organised the 1st, 2nd and 3rd Australasian Experimental Economics Workshop (2006, 2007, 2008)
- Winter School, Economic Design Network, 2006
- Session organised: on Experimental Economics at the Western Economic Association International Meetings, Sydney, 2000

Other Activities:

- Steering Group, Experimental Economics, 2007-2009.
- Panel Member, VCE Economics, 2007-2009
- Chair, Faculty Research Facilities Sub-committee, 2006 -2007.
- Evaluation of the "Stern Review" and its implications for Victoria and Australia, 2007, joint with Barnett, J. Bodman, R. Falk, J. Jensen, P., Pearman, G. and Webster, E; Research for the Victorian Department of Sustainability and the Environment, (in collaboration with the University of Melbourne Climate Change Adaptation-Science and Policy Initiative (CASPI), the Australian Centre for Science, Innovation and Society (ACSIS) and The Melbourne Institute of Applied Economic and Social Research (MIAESR)).
- Faculty Representative in the School of Environmental Studies, University of Melbourne. Member of the Office of Environmental Programs University committee.
- Member, Faculty Equal Opportunity Committee, 2005.
- Member, Faculty Ethics Committee, 2005, 2006
- Member, Faculty Teaching Committee, 2005
- Departmental Representative in the Faculty Research Committee, 2000.
- Departmental Seminar Co-ordinator, 2000 and 2001.
- Invited to a round table discussion on Draft Report prepared by Productivity Commission on, "The Environmental Performance of Commercial Buildings", November 1999.
- Appointed to participate in an EPA led forum to promote the inclusion of environmental topics in business and commerce courses.

- Member of a Steering Committee on “Nutrient Trading in Port Phillip Bay, Victoria”, A Project initiated by the Department of Natural Resources and Environment.

Citizenship: Australian