

## Debapriya Sen

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### Education

Ph.D. Economics, Stony Brook University, 2003  
M.Stat., Indian Statistical Institute, 1998  
B.Sc. Statistics Honours, Presidency College, University of Calcutta, 1993

### Academic Positions

2010-present: Associate Professor, Department of Economics, Ryerson University  
2012-13: Visiting Scientist, Economic Research Unit, Indian Statistical Institute, Kolkata  
2006-10: Assistant Professor, Department of Economics, Ryerson University  
2004-06: Visiting Assistant Professor, Department of Economics, Stony Brook University  
2003-04: Lecturer, Department of Economics, University of California, San Diego  
1998-2003: Teaching Assistant, Department of Economics, Stony Brook University

### Research Interests

Industrial Organization, Applied Micro Theory, Micro Issues of Development

### Publications

#### Book Chapters

Sharecropping in theory and practice: a selective review, in: S. Banerjee, V. Mukherjee, S.K. Haldar (eds.) *Understanding Development: An Indian Perspective on Legal and Economic Policy*, pp. 53-72, 2016, Springer

Cooperation in R&D: patenting, licensing, and contracting, with S. Bhattacharya, C. d'Aspremont, S. Guriev, Y. Tauman, in: K. Chatterjee, W. Samuelson (eds.) *Game Theory and Business Applications*, vol. 194, pp. 265-286, 2014, Springer

#### Journal Articles

Decreasing returns, patent licensing and price-reducing taxes, with G. Stamatopoulos, *Journal of Institutional and Theoretical Economics* forthcoming

kth price auctions and Catalan numbers, with A-H. Nawar, *Economics Letters* 172: 69-73, 2018

Patent licensing in a Cournot oligopoly: general results, with Y. Tauman, *Mathematical Social Sciences* 96: 37-48, 2018

Potential games, path independence and Poisson's binomial distribution, *Mathematical Methods of Operations Research* 88: 125-146, 2018

Licensing under general demand and cost functions, with G. Stamatopoulos, *European Journal of Operational Research* 253: 673-680, 2016

Patent licensing and entry deterrence: the role of low royalties, with A. Duchêne & K. Serfes, *Economica* 82: 1324-1348, 2015

When an inefficient competitor makes higher profit than its efficient rival, with G. Stamatopoulos, *Operations Research Letters* 43:148-150, 2015

Strategic Outsourcing under Economies of Scale, with Y. Chen, *Bulletin of Economic Research* 67: 134-145, 2015

An alternative proof of Fishburn's axiomatization of lexicographic preferences, with M. Mitra, *Economics Letters* 124:168-170, 2014

Outsourcing versus technology transfer: Hotelling meets Stackelberg, with A. Pierce, *Journal of Economics* 111: 263-287, 2014

Outsourcing and downstream R&D under economies of scale, with Y. Chen, *B.E. Journal of Theoretical Economics* 12(1), 2012

A theory of sharecropping: the role of price behavior and imperfect competition *Journal of Economic Behavior & Organization* 80: 181-199, 2011

Outsourcing induced by strategic competition, with Y. Chen & P. Dubey, *International Journal of Industrial Organization* 29: 484-492, 2011

Drastic innovations and multiplicity of optimal licensing policies, with G. Stamatopoulos, *Economics Letters* 105: 7-10, 2009

Technology transfer under returns to scale, with G. Stamatopoulos, *Manchester School* 77: 337-365, 2009

General licensing schemes for a cost-reducing innovation, with Y. Tauman, *Games and Economic Behavior* 59: 163-186, 2007

Fee versus royalty reconsidered *Games and Economic Behavior* 53: 141-147, 2005

Subsidy in licensing: optimality and welfare implications, with C-H. Liao, *Manchester School* 73: 281-299, 2005

On the coexistence of different licensing schemes *International Review of Economics & Finance* 14: 393-413, 2005

The kinked demand curve revisited *Economics Letters* 84: 99-105, 2004

Monopoly profit in a Cournot oligopoly *Economics Bulletin* 4: 1-6, 2002

## Working Papers

Labour policy and multinational firms: the "race to the bottom" revisited, with A. Bhattacharya

Subsistence, saturation and irrelevance in preferences, with M. Mitra

A characterization of lexicographic preferences, with M.P. Goswami and M. Mitra

Technology adoption and externalities, with A. Duchêne and K. Serfes

Supply chain and strength of patent, with V. Mukherjee

Relative and absolute preference for quality, with C. Angyridis

Incidence bimatrix games, with R.B. Bapat

## Awards

Full Tuition Scholarship & Graduate Assistantship, Stony Brook University, 1998-2003

Master of Statistics Scholarship, Indian Statistical Institute, 1996-1998

## Teaching Experience

Ryerson: graduate: Microeconomics, Development Microeconomics, Industrial Organization; undergraduate: Introductory Microeconomics, Intermediate Microeconomics, Advanced Microeconomics, Game Theory, Industrial Organization, Economic Development, Economics of Information

Stony Brook: Intermediate Microeconomics, Advanced Microeconomics, Game Theory, Economy of India, Economics of Information, Money and Banking

UCSD: Introductory Microeconomics, Intermediate Microeconomics, Advanced Microeconomics

## Supervision Experience

PhD dissertation committee member: 1

PhD dissertation external committee member: 2

MA research paper- Supervisor: 23; Second reader: 8

Undergraduate thesis- Supervisor: 17; Second reader: 9

## Program Development Activities

Economics Ph.D. Proposal, Ryerson University: Authored Section 2, Volume 1 of the proposal; developed three new courses

## Conference Presentations

13th Annual Conference on Economic Growth and Development, Indian Statistical Institute, New Delhi, December 2017

25th Annual Conference on Contemporary Issues in Development Economics, Jadavpur University, December 2017

51st Annual Conference of the Canadian Economics Association, Nova Scotia, June 2017

25th Annual Conference on Contemporary Issues in Development Economics, Jadavpur University, December 2015

49th Annual Conference of the Canadian Economics Association, Toronto, May 2015

Workshop on Innovations, Patents and Licensing, 25th International Conference in Game Theory, Stony Brook, July 2014

25th International Conference in Game Theory, Stony Brook, July 2014

3rd International Conference on Advanced Data Analysis, Business Analytics and Intelligence, Indian Institute of Management, Ahmedabad, April 2013

3rd GAEL Conference on Product differentiation and innovation on related markets, Grenoble, June 2013

22nd International Conference in Game Theory, Stony Brook, July 2011

20th Annual Conference on Contemporary Issues in Development Economics, Jadavpur University, December 2010

Annual Meeting of International Industrial Organization Conference, University of British Columbia, Vancouver, May 2010

5th Annual Conference on Economic Growth and Development, Indian Statistical Institute, New Delhi, December 2009

Annual Meeting of North American Regional Sciences Council (NARSC), San Francisco, November 2009

Annual Meeting of the Association of Southern European Economics Theorists (ASSET), Istanbul, October 2009

43rd Annual Conference of the Canadian Economics Association, Toronto, May 2009

International Conference on Globalization and Economic Asymmetries, Indian Institute of Management, Kozhikode, December 2008

16th Annual Conference on Contemporary Issues in Development Economics, Jadavpur University, December 2006

Workshop on Innovations and Patent Licensing, 17th International Conference in Game Theory, Stony Brook, July 2006

14th International Conference in Game Theory, Stony Brook, July 2003

36th Annual Conference of the Canadian Economics Association, Calgary, May 2002

### **Invited Seminar Presentations**

IFMR Chennai (September 2014), Jadavpur University (October 2014, August 2009, August 2004), University of York, UK (July 2013), Indian Statistical Institute, Calcutta (August 2010, August 2004, August 2002), California State University, Long Beach (November 2009), SUNY at Stony Brook (October 2009, May 2007), Indian Statistical Institute, New Delhi (August 2008), Australian National University (February 2006), Ryerson University (February 2006), University of Guelph (February 2006), Drexel University (April 2005), Concordia University (March 2005), Centre for Studies in Social Sciences, Calcutta (August 2004), Indian Institute of Management, Ahmedabad (July 2004), Florida Atlantic University (January 2003), Tel Aviv University (April 2002), Rutgers University (March 2002)

### **Research Funding**

Start-up Research Grant, Ryerson University: \$10,000

Research Grant, Faculty of Arts, Ryerson University, 2010-11: \$6380

Travel Grant, Faculty of Arts, Ryerson University, 2006-07: \$1000

Travel Grant, Faculty of Arts, Ryerson University, 2009-10: \$1500

### **Professional Service**

Co-organizer (with R. Amir & Y. Tauman) Workshop on Innovations, Patents and Licensing, 25th International Conference in Game Theory, Stony Brook, July 2014

Co-organizer (with M. Kamien & Y. Tauman) Workshop on Innovations and Patent Licensing, 17th International Conference in Game Theory, Stony Brook, July 2006

External Grant Reviewer for Economic and Social Research Council (ESRC), UK

External Grant Reviewer for Shastri Indo-Canadian Institute

Departmental Service at Ryerson University: Department Hiring Committee (2013-14, 2016-17 to present), Department Appointment Committee (2010-11, 2011-12), International Economics and Finance Curriculum Committee (2006-07, 2007-08), MA Admissions Committee (2006-07 to 2012-13, 2014-15 to present), PhD Proposal Committee (2007-08), Seminar Organizer (2009-10, 2010-11), Departmental Evaluation Committee (2013-14), Travel Committee (2017-18)

### **Journal Refereeing**

American Economic Review, American Journal of Agricultural Economics, BE Journal of Economic Analysis & Policy, Bulletin of Economic Research, Canadian Journal of Economics, Economic Inquiry, Economic Modelling, Economic Record, Economic Theory, Economics and Politics, Economics Bulletin, Economics Letters, Economics of Governance, Games and Economic Behavior, International Economic Review, International Journal of Game Theory, International Journal of Industrial Organization, Japanese Economic Review, Journal of Bioeconomics, Journal of Economic Behavior & Organization, Journal of Economics, Journal of Economics and Management Strategy, Journal of Industrial Economics, Journal of Industry, Competition and Trade, Journal of Quantitative Economics, Labour Economics, Manchester School, Metroeconomica, Papers in Regional Science, Rand Journal of Economics, Review of Industrial Organization, Scandinavian Journal of Economics, Southern Economic Journal, Theoretical Economics