

KALYAN CHATTERJEE

BIOGRAPHICAL AND EDUCATIONAL

504 Kern, Department of Economics
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Web page: http://econ.la.psu.edu/people/biographies/chatterjee_bio.shtml

CURRENT POSITION

Distinguished Professor of Economics and Management Science, Department of Economics, The Pennsylvania State University. (From 2002)

PREVIOUS POSITIONS

Assistant Professor (1979-85), Associate Professor (1985-88), Professor (1988-), Distinguished Professor of Management Science(1993-), Courtesy position in Economics, 1997-8. Distinguished Professor of Management Science and Economics, 1998-2002 (joint appointment)

RECENT INVITED VISITING POSITIONS

Short Term Visiting Positions

2019 Academic visitor, Paris School of Economics, University of Birmingham
2018 Academic visitor, iNET, University of Cambridge, Indian Statistical Institute, Calcutta
2017 Academic visitor, Paris School of Economics. May 29-June 5
Academic visitor, National Taiwan University and Academia Sinica, Taiwan, March
2016 Academic visitor, University of Birmingham, March 7-12
Academic visitor, University of Exeter, May 23-30
Academic visitor, Saha Institute of Nuclear Physics, Calcutta, Summer
2014-15 Visiting professor, Indian Statistical Institute, Calcutta (December 24-Jan 6, July)
Academic Visitor, University of Paris 1-Pantheon-Sorbonne, March
Member, School of Social Science, Institute for Advanced Study, Princeton, Sep-June
2014 Visitor, Centre for Experimental Social Sciences and Nuffield College, University of Oxford, May 14-June 4.

EDUCATION

1979 Doctor of Business Administration (DBA) in Managerial Economics, Harvard University
1975 Post-Graduate Diploma in Management (Economics and Operations Research), IIM Calcutta
1972 B.Sc (First-class Honors in Physics), Presidency College, University of Calcutta

HONORS

Fellow of the Econometric Society (2003).

Leverhulme Trust Visiting Professorship, awarded in April 2022 for programs in the UK.

Richard B. Fisher Member, Institute for Advanced Study, Princeton, NJ, USA, 2014-15.

Member, Fulbright Senior Specialists Program, 2007

Elected Overseas Visiting Scholar, St. John's College, Cambridge, 2007.

Elected Overseas Fellow (Title F) at Churchill College, Cambridge, 2000-2001.

American Philosophical Society Sabbatical Fellow, 2000-2001.

Chosen for inclusion in the third edition of *Who's Who in Economics: A Biographical Dictionary of Major Economists, 1700-1995*, (on the basis of number of citations of published work).

Elected Overseas Visiting Scholar, St. John's College, Cambridge, September-December 1993.

National Science Talent Search Award, Government of India, 1969. (Awarded to 350 school-leavers across the country.)

RESEARCH AND TEACHING INTERESTS

Game theory and applications in industrial organization and R&D models, decision theory, bargaining and negotiation-models and experiments, coalition formation and stability, incomplete contracts, complexity of strategies in games, economics of social networks.

PUBLICATIONS AND FORTHCOMING PAPERS

“Intertemporal planning with subjective uncertainty; anticipating your lazy, disorganized self”, with R. Vijay Krishna and Barry Sopher, forthcoming in Oxford Open Economics, published by Oxford University Press. <https://academic.oup.com/oeec/advance-article-abstract/doi/10.1093/oeec/odac006/6659760>

“Attack and interception in networks”, with Francis Bloch and Bhaskar Dutta, conditionally accepted in Theoretical Economics.

“Social reform as a path to political leadership; a dynamic model”, with Manaswini Bhalla and Souvik Dutta, *Journal of Economic Behavior and Organization*, November 2021 (online) <https://doi.org/10.1016/j.jebo.2021.09.043>

“Learning vs. habit formation; optimal timing of lockdown for disease containment”, with Siddhartha Bandyopadhyay, Kaustav Das and Jaideep Roy, *Journal of Mathematical Economics*, available online January 9, 2021, publication expected, March 2021 <https://www.sciencedirect.com/science/article/pii/S0304406820301294>,

“Repeated coordination with private learning”, with Pathikrit Basu, Tetsuya Hoshino and Omer Tamuz, 2020, *Journal of Economic Theory*, **190**, 105106, pp1-28, November, 2020 <https://www.sciencedirect.com/science/article/pii/S0022053120300995>

“ Extremist platforms; political consequences of profit-seeking media”, with Siddhartha Bandyopadhyay and Jaideep Roy, *International Economic Review*, **61**, 3, August 2020, 1173-1193, https://onlinelibrary.wiley.com/doi/pdf/10.1111/iere.12453?casa_token=1WbD3_7iJMAAAAA:NOFwsIIP6mnrVysYegN69K2jdP5WA_rQ2Jv_jPHUbxYUuUj0vRw7ddINu3LOuL74y69z9y4TnJN4p

“Bilateral trading with incomplete information and price convergence in a small market; the continuous support case”, with Kaustav Das, *Economics Letters*, **163**, February 2018, pp 118-120. <https://www.sciencedirect.com/science/article/pii/S0165176517304913>

“Bilateral trading and incomplete information: Price convergence in a small market”, with Kaustav Das, *Games and Economic Behavior*, **106**, November 2017, pp. 89-113. <https://www.sciencedirect.com/science/article/pii/S0899825617301549?via%3Dihub>

“Bidding rings; a bargaining approach”, with Manipushpak Mitra and Conan Mukherjee, *Games and Economic Behavior*, **103**, May 2017, pp 67-82 (in the Special Issue “John Nash Memorial”).
<http://www.sciencedirect.com/science/article/pii/S0899825616300124>

“Strategic dissent in the Hotelling-Downs model with sequential entry and private information”, with Siddhartha Bandyopadhyay, Manaswini Bhalla and Jaideep Roy, *Research in Economics*, Special 70th Anniversary Issue on Game Theory, **71**, issue 1, 51-66, March 2017.
<http://www.sciencedirect.com/science/article/pii/S1090944316302368>

“Two models of social learning on networks, with concepts drawn from economics and physics”, with Souvik Roy, *European Physical Journal Special Topics*, **225**, issue 17, 3151-3157, December 2016.
<https://link.springer.com/article/10.1140/epjst/e2016-60205-9>

“Credibility and strategic learning in networks”, with Bhaskar Dutta, *International Economic Review*, **57**, 3, August 2016, 759-785,

“Decentralised bilateral trading, competition for bargaining partners and the “law of one price”, with Kaustav Das, *International Journal of Game Theory*, **44**, **4**, 2015.
<https://ideas.repec.org/a/spr/jogath/v44y2015i4p949-991.html>

“A game-theoretic approach to graph clustering” (with Supreet Mandala and Soundar Kumara), 2014 *INFORMS Journal of Computing*, **26**, **3**, Summer, 629-643
<http://pubsonline.informs.org/doi/abs/10.1287/ijoc.2013.0588>

“Markets with Bilateral Bargaining and Incomplete Information”, with Bhaskar Dutta, (2014) in *Emerging Issues in Economic Development; Essays in Honour of Amitava Bose and Dipankar Dasgupta*, (Sugata Marjit and Meenakshi Rajeev, ed.), Oxford University Press, Delhi, May

Game Theory and Business Applications, Second Edition, Springer Verlag, New York, (edited with William Samuelson), June, 2013

“A Game-Theoretic Model of Tenure”, with Robert C. Marshall, in *Game Theory and Business Applications*, (Chatterjee and Samuelson ed.), June 2013,

Bargaining in the Shadow of the Market; Selected Papers on Bilateral and Multilateral Bargaining, World Scientific Publishing Company, Singapore, May 2013,

"Formation of citation networks by rational players", with Avantika Chowdhury, in special issue on social and economic networks (edited by Sanjeev Goyal and Andrea Galeotti), *Review of Network Economics*: Vol. 11: Iss. 3, Article 6, 1-36, 2012, <http://www.degruyter.com/view/j/rne.2012.11.issue-3/1446-9022.1362/1446-9022.1362.xml?format=INT>

“Models of Coalition Formation in Multilateral Negotiation”, with Siddhartha Bandyopadhyay, in G. Bolton, R. Croson (ed) *Oxford Handbook of Economic Conflict Resolution*, Oxford University Press, New York, September 2012.

"A Nonsmooth Approach to Nonexpected Utility Theory Under Risk," Elsevier, *Mathematical Social Sciences*, August 2011. (with R. Vijay Krishna)

"Pre-electoral Coalitions and Post-election Bargaining," *Quarterly Journal of Political Science*, 2011, 6: 1–53. (with, S.Bandyopadhyay and T. Sjoström)
<http://nowpublishers.com/article/Details/QJPS-10043>

“On preferences with infinitely many subjective states”, with R. Vijay Krishna, *Economic Theory*, 46, Issue 1 (January), 85-98, 2011

“Simultaneous vs sequential sales; bidder competition and supply uncertainty”, with J. Feng (first author), *Decision Support Systems*, 49, issue 3, 251-260, 2010.

“Crime reporting; profiling and neighbourhood observation”, with Siddhartha Bandyopadhyay, *BE Journals in Theoretical Economics (Advances tier)*, Vol. 10, Issue 1, 2010.
<http://www.econ.la.psu.edu/people-documents/k1c/Kalyan%20Chatterjee%20-%20Crime%20Reporting.pdf>

“Non-cooperative bargaining theory”, *Springer Handbook of Group Decision and Negotiation*, Colin Eden and Marc Kilgour, eds, Springer-Verlag, 2010, pp 141-149

“Game theory and strategic complexity” with Hamid Sabourian, in the Springer-Verlag *Encyclopaedia of Complexity and Systems Science* (Robert Mayers et al. eds.), Springer Verlag, 2009. Revised 2014.

“A “Dual-Self” Approach to Stochastic Temptation”, with R. Vijay Krishna, *American Economic Journal, Microeconomics*, 1, 2, 148-167, August 2009
<https://www.aeaweb.org/articles?id=10.1257/mic.1.2.148>

“A geometric approach to continuous expected utility” with R. Vijay Krishna, *Economics Letters*, 2008, 98, 1, 89-94
<http://www.sciencedirect.com/science/article/pii/S0165176507001279>

“Strategic Audit Policies without Commitment”, with Sanford Morton and the late Arijit Mukherji, in *Pareto Optimality, Game Theory and Equilibria* edited by Athanasios Migdalas (Crete), Panos Pardalos (Florida) and Leonidas Pitsoulis (Thessaloniki), July 2008, Springer Verlag (Berlin).

“When does competition lead to efficient investments?” with Steve Chiu, *BE Press Topics in Theoretical Economics*, 2007, 7, Issue 1. (Was featured article with 17 citations in May 13, 2009 announcement of BE Press Journals in Theoretical Economics)

“Coalition theory and applications; a survey,” with S. Bandyopadhyay, *Economic Journal*, February 2006, vol. 116, no.509, pp.F136-155.

“Technology Diffusion by Learning from Neighbours,” with Susan H. Xu, *Advances in Applied Probability*, 36 (2004), no. 2, 355–376.
http://www.jstor.org/stable/1428457?seq=1#page_scan_tab_contents

“Rivals Search for Buried Treasure; Competition and Duplication in R&D,” with Robert A. Evans, *RAND Journal of Economics*, Vol. 15, no.1, Spring 2004, 160-183
http://www.jstor.org/stable/1593735?seq=1#page_scan_tab_contents

“Communication Links and Coalition Bargaining,” with Gary Bolton and Kathleen Valley. *Management Science*, May 2003.

Game Theory and Business Applications, Kluwer Academic Publishers 2001, edited volume with W.F. Samuelson. Introduction to volume with W.F.Samuelson

“Reputation and Signalling Quality Through Price Choice,” with T. Bandyopadhyay and N. Vasavada, in *Game Theory and Business Applications*, Kluwer Academic Publishers, 2001.

“Game Theory and the Practice of Bargaining,” revised version of 1995 paper in *Game Theory and Business Applications*, Kluwer Academic Publishers, 2001.

“Multiperson Bargaining and Strategic Complexity,” with Hamid Sabourian, *Econometrica*, November 2000, pp 1491-1509. <http://onlinelibrary.wiley.com/doi/10.1111/1468-0262.00169/epdf>

“Rubinstein Auctions: On Competition for Bargaining Partners,” with Bhaskar Dutta. *Games and Economic Behavior*, 23, 119-145, May 1998.

“Bargaining and Search with Incomplete Information about Outside Options,” with Ching Chyi Lee. *Games and Economic Behavior*, 22, no. 2, Feb. 1998, pp 203-237.

“Game Theory and the Practice of Bargaining,” *Group Decision and Negotiation*, 5, 355-369, 1996.

“Coalition Formation, Communication and Coordination: An Exploratory Experiment,” with Gary E Bolton. book, *Wise Choices, Games, Decisions and Negotiations*: R. Zeckhauser et al. edited, Harvard Business School Press, 1996.

“Dual Sourcing, Learning and Repeated Procurements,” with Dorothy Klotz, *Management Science*, August 1995, pp. 1317-1327.

“Variable Splits in a Single-Stage Model of Procurement,” with Dorothy Klotz, *Group Decision and Negotiation*, 4, 295-310, 1995.

“A Non-Cooperative Theory of Coalitional Bargaining,” with B. Dutta, D. Ray, K. Sengupta, *Review of Economic Studies*, 60(2), 463-477, 1993.
<https://www.jstor.org/stable/pdf/2298067.pdf?refreqid=excelsior%3A3aab9c4b0625a9184f683f220f91a1a8>

“Introduction to the Focussed Issue on Group Decision and Negotiation,” with G. Kersten and M. Shakun, *Management Science*, October 1991.

“Multiple Source Procurement Competitions,” with S. Seshadri and G. Lilien, *Marketing Science*, 10 (3), 246-263, 1991.

“Perfect Equilibria in Simultaneous Offers Bargaining,” with L. Samuelson, *International Journal of Game Theory*, 19: 237-267, 1990. <https://link.springer.com/content/pdf/10.1007/BF01755476.pdf>

“The Impact of Training on Negotiators' Performance,” with S. Gauvin and Gary Lilien, *Theory and Decision*, 28: 331-354, 1990.

“Bargaining under Two-Sided Incomplete Information: The Unrestricted Offers Case,” with L. Samuelson, *Operations Research*, 36(4), 1988.
<https://pubsonline.informs.org/doi/pdf/10.1287/opre.36.4.605>

“The Value of Information in Competitive Bidding,” with Terry Harrison, *European Journal of Operations Research*, September 1988.

“Infinite Horizon Bargaining Models with Alternating Offers and Two Sided Incomplete Information,” with Larry Samuelson, *Review of Economic Studies*, 54: 175-192, 1987.
<https://www.jstor.org/stable/pdf/2297510.pdf?refreqid=excelsior%3A399ff0f85a0748622a77c6c3900146ad>

“Incentives, Information and Decentralized Decision Making in a Bayesian Framework,” with G. Anandalingam and J.S. Gangolly, *Journal of the Operational Research Society*, 38(6): 499-508, 1987.

“Sequential Research and the Adoption of Innovations,” with Sudipto Bhattacharya and Larry Samuelson, *Oxford Economic Papers*, Special Issue on Industrial Organization, November 1986. (Reprinted in D.J. Morris et al., Ed., *Strategic Behaviour and Industrial Competition*, Oxford, 1986).
<https://www.jstor.org/stable/pdf/2663011.pdf?refreqid=excelsior%3Af151436916c26504ae122e586ec7d405>

“Game Theory in Marketing Science: Uses and Limitations,” with Gary L. Lilien, *International Journal of Research in Marketing*, North-Holland Publishing Co., 3: 79-93, 1986.

“Disagreement in Bargaining,” in *Game-Theoretic Models of Bargaining* (Ch. 2), Alvin E. Roth, Ed., Cambridge University Press, 1985.

“The Theory of Bargaining,” in *Microeconomic Theory*, Larry Samuelson, Ed., Kluwer-Nijhoff, 1986, pp. 159-194.

“Efficiency of Alternative Bargaining Procedures: An Experimental Study,” with G.L.Lilien, *Journal of Conflict Resolution*, June 1984, pp. 270-295.

“Bargaining under Incomplete Information,” with W. Samuelson, in *Operations Research*, September-October 1983, pp. 835-851. Reprinted in *Bargaining under Incomplete Information*, P. Linhart, R.Radner and M. Satterthwaite (edited), Academic Press 1992. Reprinted in Paul Klemperer (ed.) *The Economic Theory of Auctions*, Edward Elgar, 2001.

“Incentive Compatibility in Bargaining under Uncertainty,” in *Quarterly Journal of Economics*, November 1982, pp. 717-726.
<http://qje.oxfordjournals.org/content/97/4/717.extract>

“Bargaining with Shared Information,” with J.W. Ulvila , in *Decision Sciences*, July 1982, pp. 380-404.
<http://onlinelibrary.wiley.com/doi/10.1111/j.1540->

“Comparison of Arbitration Procedures: Models with Complete and Incomplete Information,” in *IEEE Transactions on Systems, Man, and Cybernetics*, 11(2): 101-109, 1981.
<http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=4308635&url=http%3A%2F%2Fieeexplore.ieee.org%2Fiel5%2F21%2F4308632%2F04308635.pdf%3Farnumber%3D4308635>

“Paying the Expected Externality of a Price Quote Achieves Bargaining Efficiency,” with J.W. Pratt and R.J. Zeckhauser in *Economics Letters*, 1(4), 311-313, 1979.

WORKING PAPERS, WORK IN PROGRESS

“Learning with limited memory; Bayesianism vs heuristics;”, with Tai-Wei Hu, presented at the World Congress of the Econometric Society, (virtually), on August 18, 2020. To be presented at the 2021 NSF/CEME Decentralization Conference, April 2021, Games 2021, One-World Game Theory Seminar, Tel Aviv University Department of Mathematics, April 2021. Revised and resubmitted for Journal of Economic Theory.

“Bounded Memory in a Changing World: Biases in Behaviour and Beliefs” Resubmitted after second revision to the *Journal of Economic Theory*, with Konstantin Guryev and Tai-Wei Hu Submitted. June 2022

“Coalitional bargaining with private information”, with Manipushpak Mitra and Conan Mukherjee, presented at the plenary session of the 5th international conference on Bargaining; Experiments, Empirics and theory (BEET) Submitted August 2021 To be resubmitted after revision to Journal of Economic Theory, August 2022

“Strategic disclosure in research races”, with Kaustav Das and Miaomiao Dong, in progress, submission expected by October 2021.

“Bargaining with information acquisition”, with Miaomiao Dong and Tetsuya Hoshino, i, submission expected August 2022.

“Bundling in simple games”, with Francis Bloch.

“Rumours”, with Bhaskar Dutta.

“Concepts of Strategic Complexity in Extensive-Form Bargaining,” with Hamid Sabourian.

“Strategic Choice of Bargaining Order with One-Sided Incomplete Information,” with Nam Kim

OTHER EDITED BOOK

International Joint Ventures: Economic and Organizational Perspectives, edited with Barbara Gray, published by Kluwer in 1995.

BOOK REVIEW

Book review of L. Samuelson “Evolutionary Games and Equilibrium Selection,” *Economica*

SELECTED SEMINAR/CONFERENCE PRESENTATIONS FROM 2000

2021 Plenary session presentation at the 5th international conference on Bargaining, Experiments, Empirics and Theory, organized this year by Bilkent University.

2019 Presented Repeated Coordination with Private Learning at Indian Statistical Institute, New Delhi, the Indian Institute of Information Technology (IIIT), New Delhi and at the Paris School of Economics, Paris, France.

2018 Presented “Interim Rationality” at the University of Edinburgh at a special conference they organized for my 65th birthday.

2017 Presented “Repeated Coordination with Private Learning” at Economic Theory conference, University of Bristol (organized by them for my 65th birthday), the iNET conference on Economic Theory, University of Cambridge and at the University of Edinburgh

2017 “Triggering extremism” at Indian Statistical Institute, Calcutta and National Taiwan University. Presented “On interim rationality” at Academia Sinica and Paris School of Economics.

2016 Decentralization conference, Brown University (co-author presented paper)

(Also presented at the North American Summer Meetings of the Econometric Society, June 2016)

2016 Presentation at Economic Theory Conference, University of Birmingham

2014 Economic Theory Conference, Tokyo, Japan, August

2015 World Congress of the Econometric Society, Montreal (co-author presented)

2014-15 Invited lectures (2) at Hitotsubashi University, Tokyo, Japan; RC Dutt Memorial

Lectures in Political Economy, Centre for Studies in the Social Sciences, Calcutta

(Jan 5 and Jan 6), Seminars at UIUC, Sep, 2014, Brown University, March 30, 2015,

Nuffield College, Oxford, May 23, 2014. Microeconomic Theory seminar,

Princeton University April 23, IAS School of Social Science Seminar, April 27.

Co-author presented our paper at the NSF conference on learning in networks at

Harvard, May 1, 2015

2013 Two lectures at the Institute for New Economic Thinking, Faculty of Economics, November, University of Cambridge

2012-13 Economic Theory Seminar at Columbia University, September 24, economic theory seminars at University of Hong Kong, March 4, and HKUST, March 6. Invited talk at Centre for Studies in the Social Sciences, Calcutta, June 17.

2011 CTN special conference on networks, Barcelona
 TOBB University Ankara, Turkey, department seminar
 Sabanci University, Istanbul, Turkey, Economic Theory Seminar
 Harvard-MIT Economic Theory Seminar.
 Departmental seminar, University of Kentucky, April.

2009-10 Seminars at Hitotsubashi University, University of Tokyo, Hong Kong University, Chinese University of Hong Kong, Centre for Studies in the Social Sciences, Calcutta, Indian Institute of Management, Bangalore, Louisiana State University. Attended conferences in 2010 at the University of Warwick (Economic Theory) and Centre for Studies in Social Sciences, Calcutta (in honour of Prof Amitava Bose), both as presenter. Was part of a panel evaluating a Ph.D program proposal for the Austrian Science Foundation in Vienna.

2008 August. Keynote presentation, conference on Applied Economic Theory, Centre for Studies in the Social Sciences, Calcutta, India.

2008 June. Gave invited seminar presentations at the University of Maastricht and the University of Bonn and attended a conference on economic theory at the University of Birmingham.

2008 April. Gave invited talk at the Universidad Nova de Lisboa, Lisbon, Portugal.

2008 March Gave three special departmental seminars, Department of Economics, Rutgers University, New Brunswick.

2007 November Midlands mini-conference on game theory, University of Leicester, was one of two invited speakers.

2007 November. Economic theory workshop, University of Cambridge. Faculty Seminar Indira Gandhi Institute of Development Research, Mumbai, India.

2007 October. Gave public lecture at the University of Birmingham

2006 Talks at University of Birmingham, University of Edinburgh, Centre for Studies in the Social Sciences, Calcutta, University of Illinois at Urbana-Champaign, Indian Statistical Institute, Calcutta, Indian Institute of Management, Calcutta, South and South-East Asian Meetings of the Econometric Society, Chennai, India.

2005 Talks at the conference in honor of Ken Binmore, University College, London, August 17.
 World Congress of the Econometric Society, London, August 24, University of Birmingham
 Conference on Political Economy, June 7, University of Birmingham workshop, June 8, European University Institute, May 30

2004 Seminars at University of Hong Kong,, Ecole Normale Superieure, Paris, University of Illinois, Urbana-Champaign, Winter School, Delhi School of Economics,

2003 Seminars at "Recent theory workshop" at NYU, University of Sydney, Australia, Carnegie-Mellon, Texas A&M, Arizona State and Cornell Universities

2003 Game Theory Conference, Bombay, India

2001-2 Seminar talks at UCLA, Caltech, UC Riverside, University of Essex (two talks), Institut Henri Poincare, Paris, GREQAM, Marseilles. Also discussant at conference on Law and Economics at USC

2000-1 July 6, plenary session address at the Group Decision and Negotiation Congress, Glasgow, July 21, talk at the Games 2000 conference, August, two talks at the World Congress of the Econometric Society, October, invited speaker at the ESRC Research Conference in Game Theory, Kenilworth, seminar at the University of Essex, November, seminars at Birmingham, Newcastle, Birkbeck, LSE, Cambridge and the XV FOG Meeting, Institute of Mathematical Economics, Bielefeld. December, Centre

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for Studies in Social Sciences, Calcutta. January, OR Seminar, Penn State. February, Electronic Markets Seminar, University of Maryland. April Universitat Pompeu Fabra, Spain, University of Warwick (two talks), Nuffield College, Oxford. May, University of Exeter June, London School of Economics-Interdisciplinary Institute of Management. October, Mid-West Economic Theory Meetings, Penn State

DOCTORAL DISSERTATIONS SUPERVISED AS ADVISOR/CO-ADVISOR

(From 1988 - 1997, all MSIS unless otherwise specified. From 1997, Economics unless otherwise specified.)

DATE NAME DEGREE STATUS

1987 Yangsoon Song Ph.D. Complete
 1988 Sudhindra Seshadri Ph.D. Complete
 1989 Belgacem Raggad Ph.D. Complete
 1990 Dorothy Klotz Ph.D. Complete
 1992 Bharat Jain Ph.D. Complete
 1992 Thomas B. Feagans (Phil.) Ph.D. Complete
 1992 Shaoping Zhao Ph.D. Complete
 1993 Rajib Doogar (Accounting) Ph.D. Complete
 1993 Ching Chyi Lee Ph.D. Complete
 1995 Chander Shekhar Ph.D. Complete
 1995 Nam Kim Ph.D. Complete
 1997 Phillip Stocken (Accounting) Ph.D. Complete
 2002 Eliot Maenner Ph.D. Complete
 2003 Jane Feng (MSIS) Ph.D. Complete
 2003 Siddhartha Bandyopadhyay Ph.D. Complete
 2004 Farooq Sheikh (MSIS) Ph.D. Complete
 2004 Dmitri Kvassov Ph.D. Complete
 2004 Vijay Krishna Ph.D. Complete
 2004 Jun Xue Ph.D. Complete
 2004 Jaehee Lee Ph.D. Complete
 2005 Sunghyun Na Ph.D Complete
 2006 Shubhro Sarkar Ph.D Complete
 2006 Zafer Akin Ph.D Complete
 2007 Elif Incekara Ph.D Complete
 2007 Shizuka Nishikawa Ph.D Complete
 2008 Maxim Ivanov Ph.D Complete
 2008 Andrei Karavaev Ph.D Complete
 Myeonghwan Cho Ph.D Complete.
 Avantika Chowdhury Ph.D Complete
 2009 Manaswini Bhalla Ph.D Complete
 Tai-Wei Hu Ph.D Complete
 2013 Kaustav Das Ph.D Complete
 2014-15 Joosung Lee Ph.D Complete
 Souvik Dutta Ph.D Complete
 Somdutta Basu Ph.D Complete
 Rakesh Chaturvedi Ph.D Complete
 Chun-Ting Chen Ph.D Complete
 2016 Hao Hong Ph.D Complete
 Suraj Shekhar Ph.D Complete
 TszNing Wong Ph.D Complete

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- 2017 Pathikrit Basu Ph.D Complete
 Wang Xiang Ph.D Complete
 2020 Gokmen Oz PhD Complete
 Robizon Khubulashvili PhD Complete
 2021-Soomin Jung PhD
 Konstantin Guryev PhD in process
 Shomak Chakrabarti PhD in process.

MA ADVISING

- 1997 Vladimir Lemin (Mathematics/Operations Research)
 2005 Emin Karagozogu MA
 2008 Dmitry Prudnichenko MA
 Shivani Singh MA
 2019 Yiqun Tong MA

MEMBERSHIP ON PH.D COMMITTEES AFTER 1995- (ECONOMICS UNLESS OTHERWISE LISTED).

- 1995 Chris Byrne (Math) Ph.D. Complete
 1995 Ernst Wit (Philosophy) Ph.D. Complete
 1995 Jiandong Ju Ph.D. Complete
 1995 Y.W. Chiu Ph.D. Complete
 1995 D. Kim (Accounting) Ph.D. Complete
 1995 Steve Koch Ph.D. Complete
 1995 John Morgan Ph.D. Complete
 1997 Rob Reed Ph.D. Complete
 1998 Cemile Yavas Ph.D. Complete
 1999 Gautam Satapathy (IE) Ph.D. Complete
 1999 Patrick McDonnell (IE) Ph.D. Complete
 2000 A. Boone (Finance) Ph.D. Complete
 2003 Roland G. Fryer Ph.D. Complete
 2002 Taeho Kim (Ag. Econ) Ph.D. Complete
 2002 Yong-Han Lee (IE) Ph.D. Complete
 2002 Sergei Izmalkov Ph.D. Complete
 2002 Tao Zhu Ph.D. Complete
 2001 Vladimir Lemin (Math) Ph.D. Complete
 2002 Bryan McCannon Ph.D. Complete
 2004 Dong Joon Jo (Pol. Sc.) Ph.D Complete
 2004 Ming-Chin Chin (Ag. Econ.) Ph.D. Complete
 2004 Daewon Sun (MSIS) Ph.D. Complete
 2004 Yanguo Wang (Ag. Econ) Ph.D Complete
 2004 Oleksii Birulin Ph.D Complete
 2004 Byungchae Rhee Ph.D Complete
 2005 Kaizhi Tang (IE) Ph.D. Complete
 2005 Zuopeng Zhang (SCIS/MSIS) Ph.D Complete
 2006 Isa Hafalir Ph.D Complete
 2010 Alexey Kushnir Ph.D Complete

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2010 Byung Soo Lee Ph.D Complete
 2010 Anindita Chakrabarty Ph.D (Marketing) Complete
 2012 Supreet Mandala Ph.D (IE) Complete
 Jun Xiao Ph.D Complete
 2015 Yu Awaya Ph.D Complete
 2016 Fatemeh Borhani Ph.D Complete
 2019 Oleg Muratov PhD Complete
 Tetsuya Hoshino PhD Complete
 Xu Xu (Political science) PhD Complete
 2021 Suat Akbulut, Economics, PhD Complete

UNDERGRADUATE HONORS ADVISEES

Paresh Patel (MSIS), Ashish Kapur, Matthew Gerson (Economics), David Brown (Economics/Mathematics), Kavya Kasturi (Economics/Environmental Sciences), William Keith Hatton-Hopkins (Economics). Benjamin Shapiro (Economics, Political Science), Michael Yu (Economics), Shuhan Tien (Economics), Xinquan Lin (Economics 2019).

PROFESSIONAL SOCIETIES

The Econometric Society
 The Game Theory Society
 The American Economic Association

DEPARTMENTAL AND COLLEGE SERVICE

Personnel committee, 2008-10, 2011-13. 2018-19, 2020-21, 2004-6. Recruiting committee, 2003-4, 2005-6, 2006-7, 2010-11. Graduate Admissions Committee, 2007, 2010, 2011, 2012, 2013. Candidacy examination committee, 2011, 2012, 2013 (and earlier years, not mentioned).. Previously served on Academic Programs Committee in Economics, the University Promotion and Tenure Committee and various committees in the Smeal College of Business Administration including departmental and college promotion and tenure and graduate committees. Was departmental graduate officer in the Smeal College, 1988-92.

RESEARCH GRANTS AND AWARDS

From the National Science Foundation
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