

## **CURRICULUM VITAE: AVINASH K. DIXIT**

### **ADDRESS**

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### **PERSONAL INFORMATION**

Born 1944 in Bombay, India. Naturalized U.S. citizen.

### **EARNED DEGREES**

Bombay University, B.Sc. 1963 (Mathematics and Physics), First Class  
Cambridge University, B.A. 1965 (Mathematics), First Class  
Massachusetts Institute of Technology, Ph.D. 1968 (Economics)

### **HONORARY DEGREES**

Dr. Econ., Norwegian School of Economics and Business Administration, Bergen, 1996  
LL. D., University of Warwick, UK, 2007  
Dr. Econ., Stockholm School of Economics, 2009  
Dr. Soc. Sci, Lingnan University, Hong Kong, 2010  
D. Litt., Jadavpur University, Kolkata, 2015

### **PRESENT POSITION**

Princeton University, John J. F. Sherrerd '52 University Professor of Economics Emeritus, 2010 -

### **PREVIOUS POSITIONS**

Massachusetts Institute of Technology, Research Assistant, 1965-67  
University of California, Berkeley, Acting Assistant Professor, July 1968-December 1969  
Balliol College, Oxford University, Fellow and Lecturer, January 1970-September 1974  
University of Warwick, Professor of Economics, October 1974-December 1980  
Princeton University, Professor of Economics 1981-9  
John J. F. Sherrerd '52 University Professor of Economics 1989-2010

## **VISITING POSITIONS**

Visiting Research Associate, MIT, July-December 1972  
Visiting Professor, MIT, January-May 1977, September-December 1994  
Visiting Scholar, International Monetary Fund, June-July 1990, June 2000, March-May 2013  
Visiting Scholar, Russell Sage Foundation, 2002-3  
Visiting Emeritus Professor, Leitner Program, MacMillan Center, Yale University, Fall 2011  
Visiting Research Fellow, World Bank, April-May 2014  
Distinguished Adjunct Professor of Economics, Lingnan University, Hong Kong 2009-2016  
Senior Research Fellow, Nuffield College, Oxford, 2010-2018

## **HONORS AND AWARDS**

Corpus Christi College, Cambridge: Bishop Green Cup 1965, Foundation Scholarship 1965  
Ford Foundation Doctoral Dissertation Fellowship, 1967-68  
Fellow, Econometric Society, elected 1977  
Mahalanobis Memorial International Medal, Indian Econometric Society, 1985  
Guggenheim Fellowship, 1991-2  
Fellow, American Academy of Arts and Sciences, elected 1992  
Distinguished Fellow (title and prize), Center for Economic Studies, University of Munich, 1994  
Von Neumann Award, Laszlo Rajk College, Budapest University of Economic Science and Public Administration, 2001  
Member, National Academy of Sciences, elected 2005  
Corresponding (Foreign) Fellow, British Academy, elected 2006  
Princeton University Economics Department, Richard E. Quandt Teaching Prize, 2006  
Member, American Philosophical Society, elected 2010  
Padma Vibhushan (President of India's civil award), 2016  
Fellow, Game Theory Society, 2017  
Honorary Fellow, Corpus Christi College, Cambridge, 2018

## **PROFESSIONAL ACTIVITIES**

### **Service in Professional Associations**

Econometric Society: Council 1980-82, 1995-2002, Executive Committee 1996-2002;  
Second Vice-President 1999, First Vice-President 2000, President 2001.  
Fellowship Nominations Committee 1980, 1990, chairman 1991.  
American Economic Association: Honors and Awards Committee member 1994-2005,  
chair 2000-5. Vice President 2002, President-Elect 2007, President 2008.  
American Academy of Arts and Sciences, Economics membership panel chair, 1999-2000,  
Nominating Committee 2001-2003.

## **Editorial positions**

Review of Economic Studies Editorial Board 1970-80, Assistant Editor 1975-8  
Journal of Economic Theory, Associate Editor 1972-75  
Econometrica, Associate Editor 1978-83  
Bell Journal of Economics, Co-Editor 1981-83  
Co-Editor, Econometric Society Monograph Series, 1990-1994  
Editorial Board, Proceedings of the National Academy of Sciences, 2008

## **Advisory Committee memberships**

National Science Foundation, Economics Panel, 1990-91  
Visiting Committee for project *Economics in Sweden*, 1992-3  
Sloan Foundation, Economics Doctoral Dissertation Fellowships selection Committee, 1995-9  
Board of Trustees, India Development Foundation, Delhi, 2007-  
International Advisory Board, New Economic School, Moscow, 2007-  
Humanities and Social Sciences Research Council, Sweden, project on the evaluation of Swedish  
research and graduate teaching in Economics, 1989-91  
External Evaluation of the Economics Department at the University of Warwick, UK, 2006  
National Academy of Sciences panel on Understanding the Impact of Selling the U.S. Helium  
Reserve, June 2008  
Infosys Foundation Award Committee for Social Sciences, member, 2009, 2011-2019  
Visiting Committee for the Economics department, MIT, 2011-2017  
World Trade Organization, Essay Prize committee, 2011-2018  
Oxford University Press India, Delegate (editorial adviser), 2014-2020

## **Conference Organization**

UK Economic Theory Study Group: Steering Committee, Organizing Secretary 1975-76  
Summer Research Workshops, University of Warwick: Co-organizer, 1976-8, 1980.  
Econometric Society; Program Committee for the Fifth World Congress 1985,  
Winter Meetings 1988, Summer Meetings 1989  
American Economic Association, Program Committee 1994, 2002, chair 2008.  
Co-organizer, Stanford CDDRL/SIEPR workshop on “Structure and Evolution of Institutions,”  
November 2005  
Co-organizer, conference in celebration of John Nash's 80<sup>th</sup> birthday, June 13-14, 2008  
Co-organizer (with Paul Milgrom and Eva Meyersson-Milgrom) Arthur M. Sackler Colloquium  
“Dynamics of Social, Political and Economic Institutions,” Irvine, CA, Dec. 3-4, 2010.

## SPECIAL LECTURES

University of London, Special Lecture, May 1978  
Frank Paish Lecture, Association of University Teachers of Economics and the  
Royal Economic Society, Oxford, April 1983  
Lansdowne Lecture, University of Victoria, Canada, March 1984  
Invited paper, Fifth World Congress of the Econometric Society, Cambridge, MA, August 1985  
Invited Address, Australasian Meeting of the Econometric Society, Melbourne, August 1986  
Munich Lectures in Economics, December 1994  
Elisha Pazner Memorial Lecture, Tel Aviv University, March 1995  
Hicks Lecture, Oxford University, March 1996  
Samuelson Lecture, Eastern Economic Association, March 1996  
Von Neumann Lecture, Laszlo Rajk College of Advanced Study, Budapest, October 2002  
Gorman Lectures, University College, London, December 2002  
DEC Lecture, World Bank, April 21, 2005  
Plenary Lecture, International Institute of Public Finance (IIPF), Cyprus, August 2006  
P. R. Brahmanada Memorial Lecture, Reserve Bank of India, June 2007  
Keynote address, International Society for New Institutional Economics, Reykjavik, June 2007  
Inaugural Agnar Sandmo Lecture, Norwegian School of Economics and Business  
Administration, Bergen, January 2008.  
Poverty Reduction and Economic Management (PREM) Lecture, World Bank, March 2008  
W. Edmund Clark Distinguished Lecture, Queen's University, Kingston, Canada, March 2008  
Zvi Griliches Lectures, New Economic School, Moscow, May 2008  
Dynasty Lecture, Higher School of Economics, Moscow, May 2008  
Intertic Law and Economics Lecture, University of Milan Bicocca, June 2008  
Keynote address, Annual Conference on Economics, Central Bank of Uruguay, August 2008  
Public Lecture, Sabanci University, Istanbul, October 2008  
Presidential Address, American Economic Association, January 2009  
Bharat Ram Lecture, New Delhi, January 2009  
Frank D. Graham Memorial Lecture, Princeton University, April 2010  
Max Weber Lecture, European University Institute, Florence, Italy, December 2011  
Vera Anstey Lecture, Indian Economic Association, Pune, December 2011  
A. N. Varma Memorial Lecture, India Development Foundation, Delhi, February 2012  
Keynote address, Real Options Conference, London Business School, June 2012  
Edward Shann Lecture, University of Western Australia, August 2012  
Geoffrey Harcourt Lecture, University of Adelaide, September 2012  
Delhi Economic Conclave, Plenary Lecture, December 2012  
Asian Meetings of the Econometric Society, Ex-Im Bank Lecture, December 2012  
Silver Jubilee Lecture, Indira Gandhi Institute of Development Research, February 2013  
ABCDE Conference Plenary Lecture, World Bank, Washington, DC, June 2014  
Opening address, Hong Kong Economic Association, Jinan, China, December 2014  
India Policy Forum lecture, Delhi, July 2018  
Inaugural James Mirrlees Memorial Lecture, LACEA/LAMES, Puebla, Mexico, Nov. 2019  
Keynote Address, Warwick Economics Summit, February 2020  
D.T. Lakdawala Lecture, University of Mumbai, August 2020  
Inaugural Distinguished Lecture, Dr. B R Ambedkar School of Economics, Bengaluru, Feb. 2021  
Nancy Schwartz Memorial Lecture, Northwestern University, September 2021

## **PUBLICATIONS**

### **I. BOOKS**

#### **RESEARCH MONOGRAPHS**

*Theory of International Trade*, with Victor Norman. Cambridge University Press, 1980.  
Translations: German 1982, Chinese 2004.

*Investment Under Uncertainty*, with Robert S. Pindyck. Princeton University Press, 1994.  
Translation: Chinese 2003.

*The Making of Economic Policy: A Transaction Cost Politics Perspective* (Munich Lectures in Economics). M.I.T. Press, 1996. Translations: Arabic 1999, Italian and Japanese 2000, Chinese 2001.

*Lawlessness and Economics: Alternative Modes of Governance* (Gorman Lectures, University College London). Princeton University Press, 2004. Translation: Chinese 2007.

#### **TEXTBOOKS**

*Optimization in Economic Theory*. Oxford University Press, 1976; Japanese translation 1982.  
Second edition 1990. Translations: Japanese 1997, Chinese 2006.

*The Theory of Equilibrium Growth*. Oxford University Press, 1976; Spanish translation 1987.

*The Art of Smooth Pasting*, Vol. 55 of series *Fundamentals of Pure and Applied Economics*, eds. Jacques Lesourne and Hugo Sonnenschein. Reading, UK: Harwood Academic Publishers, 1993. Italian translation, 1997.

*Games of Strategy*, with Susan Skeath, New York: W. W. Norton, 1999, second edition 2004, third & fourth editions (also with David Riley) 2009 & 2014, fifth edition (also with David McAdams) 2020. Translations: Chinese 2009.

#### **GENERAL INTEREST**

*Thinking Strategically: The Competitive Edge in Business, Politics, and Everyday Life*, with Barry Nalebuff, New York: W.W. Norton, 1991. Book of the Month Club Alternate selection. Translations: Japanese 1991, Spanish 1992, Korean 1993, Italian 1993, Portuguese 1994, German 1995, Chinese (complex characters) 1997, Greek 2001, Chinese 2002, Hebrew 2005, Turkish 2006.

*The Art of Strategy: A Game-Theorist's Guide to Success in Business and Life*, with Barry Nalebuff, New York: W. W. Norton, 2008. Translation: Korean 2009, Chinese 2009, Italian 2010, Spanish 2010, Romanian 2018, Russian 2019, Ukrainian 2019.

Microeconomics: A Very Short Introduction. Oxford University Press, 2014. Russian translation 2018.

## II. ARTICLES

### MICROECONOMICS AND GAME THEORY

“Monopolistic competition and optimum product diversity,” with Joseph E. Stiglitz, *American Economic Review*, 67(3), June 1977, 297-308.

“The three consumers' surpluses,” with Paul Weller, *Economica*, 46(2), May 1979, 125-135.

“Monopolistic competition and optimum product diversity: Reply,” with Joseph E. Stiglitz, *American Economic Review*, 69(5), December 1979, 961-963.

“Consumer search and market equilibrium: A note,” with Avishay Braverman, *Review of Economic Studies*, 48(4), December 1981, 657-658.

“Comparative statics for oligopoly,” *International Economic Review*, 27(1), February 1986, 107-122.

“Perfect equilibrium in the duel,” in *Prices, Competition and Equilibrium*, eds. Maurice Peston and Richard Quandt, London: Philip Allen, 1986, 7-21.

“On Pareto-improving redistributions of aggregate economic gains,” *Journal of Economic Theory*, 41(1), February 1987, 133-153.

“Strategic behavior in contests,” *American Economic Review*, 77(5), December 1987, 891-898.

“Monopolistic competition and optimum product diversity: Reply,” with Joseph E. Stiglitz, *American Economic Review*, 83(1), March 1993, 302-304.

“Oligopoly and welfare,” with John Cable and Alan Carruth, in *Current Issues in Industrial Economics*, ed. John Cable, Basingstoke, UK: Macmillan, 1994, 82-104.

“Competitive industry equilibrium with firm-specific uncertainty,” in *Trade, Theory, and Econometrics: Essays in Honor of John Chipman*, eds. James R. Melvin, James C. Moore and Raymond Riezman, London: Routledge, 1999, 149-164.

“Adverse selection and insurance with *uberrima fides*,” in *Incentives, Organization, and Public Economics: Essays in Honor of Sir James Mirrlees*, eds. Peter Hammond and Gareth Myles, Oxford University Press, 2000, 41-51.

“On the role of good faith in insurance contracting,” with Pierre Picard, in *Economics for an Imperfect World: Essays in Honor of Joseph Stiglitz*, eds. Richard Arnott, Bruce Greenwald, Ravi Kanbur and Barry Nalebuff, Cambridge, MA: MIT Press, 2003, 17-34.

“Some reflections on theories and applications of monopolistic competition,” in *The Monopolistic Competition Revolution After Twenty-Five Years*, eds. Steven Brakman and Ben Heijdra, Cambridge University Press, 2004, 123-133.

“Clubs with entrapment,” *American Economic Review*, 93(5), December 2003, 1824-1829.

"Applying Game Theory to the Supreme Court Nomination Fight" (with David McAdams), *Harvard Business Review*, September 26, 2016.

"A Variable Threat Game of Ransom." Forthcoming in *Memorial Volume for Professor John Nash*, eds. Joseph Kohn and Hong Jun, World Scientific Publishers, 2017.

## **MACROECONOMICS**

“Uncertainty and the demand for liquid assets,” with Steven M. Goldman, *Journal of Economic Theory*, 2(4), December 1970, 368-382.

“Public finance in a Keynesian temporary equilibrium,” *Journal of Economic Theory*, 12(2), April 1976, 242-258.

“The optimal mix of inflationary finance and commodity taxes with collection lags,” *IMF Staff Papers*, 38(3), September 1991, 643-654.

“Theory and policy: Reply to Tanzi,” *IMF Staff Papers*, 39(4), December 1992, 967-970.

“Interactions of commitment and discretion in monetary and fiscal policies,” with Luisa Lambertini, *American Economic Review*, 93(5), December 2003, 1522-1542.

## **INTERNATIONAL TRADE**

“On Rybczynski's theorem in a setting of growth,” *Journal of International Economics*, 8(1), February 1978, 127-129.

“Trade and protection with multi-stage production,” with Gene M. Grossman, *Review of Economic Studies*, 49(4), October 1982, 583-594.

- “The relationship between factor endowments and commodity trade,” with Alan Woodland, *Journal of International Economics*, 13(2), November 1982, 201-214.
- “The multi-country transfer problem,” *Economics Letters*, 13(1), 1983, 49-53.
- “International trade policy for oligopolistic industries,” *Economic Journal*, 94 (supplement), March 1984, 1-16.
- “Growth and terms of trade under imperfect competition,” in *Monopolistic Competition in International Trade*, ed. Henryk Kierzkowski, Oxford University Press, 1984, 109-123.
- “The use of protection and subsidies for entry promotion and deterrence,” with Albert S. Kyle, *American Economic Review*, 75(1), March 1985, 139-152.
- “Trade policy: An agenda for research,” in *Strategic Trade Policy and the New International Economics*, ed. Paul Krugman, Cambridge, MA: MIT Press, 1986, 283-304.
- “Gains from trade without lump-sum compensation,” with Victor Norman, *Journal of International Economics*, 21, August 1986, 111-122.
- “Targeted export promotion with several oligopolistic industries,” with Gene M. Grossman, *Journal of International Economics*, 21, November 1986, 233-249.
- “Issues of strategic trade policy for small countries,” *Scandinavian Journal of Economics*, 89(3), September 1987, 349-367.
- “Trade and insurance with moral hazard,” *Journal of International Economics*, 23(3-4), November 1987, 201-220.
- “How should the U.S. respond to other countries' trade policies?” in *U.S. Trade Policy in a Changing World Economy*, ed. Robert Stern, Cambridge, MA: MIT Press, 1987, 245-282.
- “Tariffs and subsidies under oligopoly: The case of the U.S. automobile industry,” in *Protection and Competition in International Trade*, ed. Henryk Kierzkowski, Oxford, UK: Basil Blackwell, 1987, 113-127.
- “Strategic aspects of trade policy,” in *Advances in Economic Theory: Fifth World Congress*, ed. Truman Bewley, Cambridge, UK: Cambridge University Press, 1987, 329-362.
- “Optimal trade and industrial policies for the U.S. automobile industry,” in *Empirical Methods in International Trade*, ed. Robert Feenstra, Cambridge, MA: MIT Press, 1988, 141-165.
- “International R&D competition and policy,” in *International Competitiveness*, eds. Michael Spence and Heather Hazard, Cambridge, MA: Ballinger, 1988, 149-171.



“Anti-dumping and countervailing duties under oligopoly,” *European Economic Review*, 32(1), January 1988, 55-68.

“Trade and insurance with imperfectly observed outcomes,” *Quarterly Journal of Economics*, 104(1), February 1989, 195-203.

“Trade and insurance with adverse selection,” *Review of Economic Studies*, 56(2), April 1989, 235-247.

“Trade policy with imperfect information,” in *The Political Economy of Trade Policy*, eds. Ronald Jones and Anne Krueger, Oxford: Basil Blackwell, 1990, 9-24.

“Prices of goods and factors in a dynamic stochastic economy,” in *Theory, Policy and Dynamics in International Trade*, eds. Wilfred Ethier, Elhanan Helpman and Peter Neary, Cambridge University Press, 1993, 175-190.

“Risk-sharing, adjustment and trade,” with Rafael Rob, *Journal of International Economics*, 36(3/4), May 1994, 263-287.

“The Integrated World Equilibrium Diagram from International Trade Theory.” In *Famous Figures and Diagrams in Economics*, eds. Mark Blaug and Peter Lloyd, Cheltenham, UK: Edward Elgar, 2010.

“International Trade, Foreign Direct Investment and Security,” *Annual Reviews of Economics*, 3, 2011, 191-213.

“Comparative advantage in a changing global economy.” In *Comparative Advantage, Growth, and the Gains from Trade and Globalization*, ed. Robert M. Stern, Singapore:World Scientific, 2011, 21-25.

"Governance, Trade, and Investment," *Research in Economics*, 69(2), June 2015, 166-179.

## **INTERNATIONAL MACROECONOMICS**

“The balance of trade in a model of temporary equilibrium with rationing,” *Review of Economic Studies*, 45(3), October 1978, 393-408.

“Comparative effects of devaluation and import controls on domestic prices,” with Richard Cornes, *Economica*, 49(1), February 1982, 1-10.

“Hysteresis, import penetration, and exchange rate pass-through,” *Quarterly Journal of Economics*, 104(2), May 1989, 205-228.

“Hysteresis and the duration of the J-curve,” *Japan and the World Economy*, 6, 1994, 105-115.

“A repeated game model of monetary union,” *Economic Journal*, 110(466), October 2000, 759-780.

“Games of monetary and fiscal interactions in the EMU,” *European Economic Review*, 45(4-6), May 2001, 589-613.

“Monetary-fiscal interactions and commitment versus discretion in a monetary union,” with Luisa Lambertini, *European Economic Review*, 45(4-6), May 2001, 977-987.

“Symbiosis of monetary and fiscal policies in a monetary union,” with Luisa Lambertini, *Journal of International Economics*, 60(2), August 2003, 235-247.

“Common agency with rational expectations: Theory and application to a monetary union,” with Henrik Jensen, *Economic Journal*, 113 (489), July 2003, 539-549.

“A real options perspective on the future of the euro,” (with Fernando Alvarez) *Journal of Monetary Economics*, 61(1), January 2014, 78-109.

## **INDUSTRIAL ORGANIZATION**

“Advertising and welfare,” with Victor Norman, *Bell Journal of Economics*, 9(1), Spring 1978, 1-17.

“A model of duopoly suggesting a theory of entry barriers,” *Bell Journal of Economics*, 10(1), Spring 1979, 20-32.

“Quality and quantity competition,” *Review of Economic Studies*, 46(4), October 1979, 587-599.

“Advertising and welfare: Reply,” with Victor Norman, *Bell Journal of Economics*, 10(2), Autumn 1979, 728-729.

“The role of investment in entry deterrence,” *Economic Journal*, 90(1), March 1980, 95-106.

“Advertising and welfare: Another reply,” with Victor Norman, *Bell Journal of Economics*, 11(2), Autumn 1980, 753-754.

“Recent developments in oligopoly theory,” *American Economic Review*, Papers and Proceedings, 72(2), May 1982, 12-17.

“Oligopoly and welfare: A unified presentation with applications to trade and development,” with Nicholas Stern, *European Economic Review*, 19(1), September 1982, 123-143.

“Vertical integration in a monopolistically competitive industry,” *International Journal of Industrial Organization*, 1(1), March 1983, 63-78.

“Entry dynamics with mixed strategies,” with Carl Shapiro, in *The Economics of Strategic Planning*, ed. L. G. Thomas, Lexington, MA: D.C. Heath, Lexington Books, 1986, 63-79.

“A general model of R&D competition and policy,” *Rand Journal of Economics*, 19(3), Autumn 1988, 317-326.

“The dynamics of competitive industries: Theory, evidence, and policy implications,” in *1993 Conference of Industry Economics: Papers and Proceedings*, Canberra, Australia: Bureau of Industry Economics, 1993, 1-16.

“Too small to regulate,” with Kaushik Basu, *Journal of Quantitative Economics*, 15(1), March 2017, 1-14.

“Relation-based governance and competition.” In *Markets, Governance, and Institutions in the Process of Economic Development*, eds. Ajit Mishra and Tridip Ray, Oxford, UK: Oxford University Press, 259-270.

## **PUBLIC ECONOMICS**

“On the optimum structure of commodity taxes,” *American Economic Review*, 60(3), June 1970, 295-301.

“Welfare effects of tax and price changes,” *Journal of Public Economics*, 4(2), February 1975, 103-123.

“Welfare effects of tax and price changes: Correction,” with Knud Munk, *Journal of Public Economics*, 8(1), August 1977, 103-107.

“Some simplified formulae for optimal income taxation,” with Agnar Sandmo, *Scandinavian Journal of Economics*, 79(4), December 1977, 417-423.

“Price changes and optimum taxation in a many-consumer economy,” *Journal of Public Economics*, 11(2), March 1979, 143-157.

“Utilitarian and egalitarian redistributions,” with Jesus Seade, *Economics Letters*, 4(2), 1979, 121-124.

“Setting the price of oil in a distorted economy,” with David Newbery, *Economic Journal*, 95 (supplement), March 1985, 71-82.

“Tax policy in open economies,” in *Handbook of Public Economics*, Vol. I, eds. Alan Auerbach and Martin Feldstein, Amsterdam: North-Holland, 1985, 313-374.

“Does voluntary participation undermine the Coase theorem?” with Mancur Olson, *Journal of Public Economics*, 76(3), June 2000, 309-335.

“Incentives and organizations in the public sector: An interpretative review,” *Journal of Human Resources*, 37(4), Fall 2002, 696-727.

“Incentive contracts for faith-based organizations to deliver social services,” in *Economic Theory in a Changing World: Policymaking for Growth*, eds. Sajal Lahiri and Pradip Maiti, New Delhi: Oxford University Press, 2005, 155-163.

"Bureaucracy, Its Reform, and Development," *Review of Market Integration* 4(2), August 2012, 135-157.

“Social creation of pro-social preferences for collective action,” with Simon Levin, in *The Theory of Externalities and Public Goods*, eds. Wolfgang Buchholz and Dirk Rübbelke, Springer, 2017, 127-143.

“Localized pro-social preferences, public goods and common-pool resources,” with Simon Levin and Andrew Tilman, *Proceedings of the National Academy of Sciences*, Sackler colloquium *Economics, Environment, and Sustainable Development*, 116(12), Mar.19, 2019, S305-310.

## **LAW AND INSTITUTIONS OF ECONOMIC GOVERNANCE**

“On modes of economic governance,” *Econometrica*, 71(2), March 2003, 449-481.

“Trade expansion and contract enforcement,” *Journal of Political Economy*, 111(6), December 2003, 1293-1317.

“Two-tier market institutions,” *Chicago Journal of International Law*, 5(1), Summer 2004, 139-155.

“Economic Governance,” in *The New Palgrave Dictionary of Economics*, eds. Steven N. Durlauf and Laurence E. Blume, Palgrave Macmillan, 2006.

“Governance Institutions and Development,” in *Economic Developments in India*, eds. Raj Kapila and Uma Kapila, EDI Vol. 115, 29-44, New Delhi: Academic Foundation.

“Governance Institutions and Economic Activity,” (AEA Presidential Address) *American Economic Review*, 99(1), March 2009, 5-24.

“Governance Institutions and India’s Development,” *Indian Journal of Industrial Relations*, 44(4), April 2009, 539-553.

“A game-theoretic perspective on Diego Gambetta's *Codes of the Underworld*,” *Global Crime*, 12(2), May 2011, 134–145.

“Dynamics of social, political, and economic institutions,” with Eva M. Meyersson Milgrom and Paul R. Milgrom, editors' introduction to a symposium with the same title, *Proceedings of the National Academy of Sciences*, Vol. 108 (Supplement 4), 27 December 2011, 21283–21284.

“Reciprocal Insurance Among Kenyan Pastoralists.” With Simon Levin and Daniel Rubenstein, *Theoretical Ecology*, 6(2), May 2013, 173–187.

“How Business Community Institutions Can Help Fight Corruption.” *World Bank Economic Review*, 29 (suppl 1), 2015, S25–S47.

“Governance Reforms and Growth: Some Ideas from Economic Theory.” *Frontiers of Economics in China*, 10(4), December 2015, pp. 567–584.

“Corruption: Supply-side and demand-side solutions.” In *Development in India: Micro and Macro Perspectives*, eds. S. Mahendra Dev and P.G. Babu, Springer, 2016, 57–68.

“Anti-Corruption Institutions: Some History and Theory.” In *Institutions, Governance, and the Control of Corruption*, eds. Kaushik Basu and Tito Cordella, Palgrave Macmillan, 2018, pp. 15–49.

## **POLITICAL ECONOMY**

“Directly unproductive prophet-seeking activities,” with Gene M. Grossman, *American Economic Review*, 74(5), December 1984, 1087–1088.

“Redistributive politics and economic efficiency,” with John Londregan, *American Political Science Review*, 89(4), December 1995, 856–866.

“Transaction cost politics and economic policy: A framework and a case study,” *Rivista di Politica Economica*, 86(6), June 1996, 3–39.

“Special-interest lobbying and endogenous commodity taxation,” (Samuelson Lecture) *Eastern Economic Journal*, 22(4), Fall 1996, 375–388.

“The determinants of success of special interests in redistributive politics,” with John Londregan, *Journal of Politics*, 58(4), November 1996, 1132–1155.

“Power of incentives in private vs. public organizations,” *American Economic Review*, Papers and Proceedings, 87(2), May 1997, 378–382.

- “Common agency and coordination: General theory and application to government policymaking,” with Gene Grossman and Elhanan Helpman, *Journal of Political Economy*, 105(4), August 1997, 752-769.
- “Economists as advisers to politicians and to society” (comment on paper by O’Flaherty and Bhagwati), *Economics and Politics*, 9(3), November 1997, 225-230.
- “Fiscal federalism and redistributive politics,” with John Londregan, *Journal of Public Economics*, 68(2), May 1998, 153-180.
- “Ideology, tactics, and efficiency in redistributive politics,” with John Londregan, *Quarterly Journal of Economics*, 113(2), May 1998, 497-529.
- “The dynamics of political compromise,” with Gene Grossman and Faruk Gul, *Journal of Political Economy*, 108(3), June 2000, 531-568.
- “Political power and the credibility of government debt,” with John Londregan, *Journal of Economic Theory*, 94(1), September 2000, 80-105.
- “Some lessons from transaction-cost politics for less-developed countries,” *Economics and Politics*, 15(2), July 2003, 107-133.
- “Political polarization,” with Jörgen Weibull, *Proceedings of the National Academy of Sciences*, May 1, 2007, 104 (18): 7351-7356.
- “Democracy, Autocracy, and Bureaucracy,” *Journal of Globalization and Development*, 1(1), January 2010, 1-45.
- “Catalyst or Cause? Legislation and the Demise of Machine Politics in Britain and the United States,” with Edwin Camp and Susan Stokes, *Legislative Studies Quarterly*, 39(4), November 2014, pp. 559-591.

## **INVESTMENT UNDER UNCERTAINTY**

- “Intersectoral capital reallocation under price uncertainty,” *Journal of International Economics*, 26(3-4), May 1989, 309-325.
- “Entry and exit decisions under uncertainty,” *Journal of Political Economy*, 97(3), June 1989, 620-638.
- “Analytical approximations in models of hysteresis,” *Review of Economic Studies*, 58(1), January 1991, 141-151.
- “Irreversible investment with price ceilings,” *Journal of Political Economy*, 99(3), June 1991, 541-557.

“A simplified treatment of the optimal regulation of Brownian motion,” *Journal of Economic Dynamics and Control*, 15(4), October 1991, 657-673.

“Investment and hysteresis,” *Journal of Economic Perspectives*, 6(1), Winter 1992, 107-132.

“Choosing among alternative lumpy investment projects under uncertainty,” *Economics Letters*, 43(3), 1993, 281-285.

“Irreversible investment and competition under uncertainty,” in *Capital, Investment and Development*, eds. Kaushik Basu, Mukul Majumdar and Tapan Mitra, Cambridge, MA: Basil Blackwell, 1993, 56-74.

“Switching costs and sectoral adjustments in general equilibrium with uninsured risk,” with Rafael Rob, *Journal of Economic Theory*, 62(1), February 1994, 48-69.

“Irreversible investment under uncertainty and scale economies,” *Journal of Economic Dynamics and Control*, 19, January 1995, 327-350.

“Options, the value of capital, and investment,” with Andrew B. Abel, Janice C. Eberly and Robert S. Pindyck, *Quarterly Journal of Economics*, 111(3), August 1996, 753-777.

“Investment and employment dynamics in the short run and the long run,” (Hicks Lecture) *Oxford Economic Papers*, 49(1), January 1997, in 1-20.

“A markup interpretation of optimal investment rules,” with Robert S. Pindyck and Sigbjorn Sodal, *Economic Journal*, 109(3), April 1999, 179-189.

“Expandability, reversibility, and optimal capacity choice,” with Robert S. Pindyck, in *New Developments and Applications in Real Options*, eds. Michael Brennan and Lenos Trigeorgis, Oxford University Press, 2000, 50-70.

“An option value problem from *Seinfeld*,” *Economic Inquiry*, 50(2), April 2012, 563-565.

## **GROWTH AND DEVELOPMENT**

“Optimal development in the labour surplus economy,” *Review of Economic Studies*, 35(1), January 1968, 23-34.

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- “Short-run equilibrium and shadow prices in the dual economy,” *Oxford Economic Papers*, 23(3), November 1971, 384-400.
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- “Duale ökonomien,” in *Das Handwörterbuch der Mathematischen Wirtschaftswissenschaften*, Volume I, ed. Reinhard Selten, Wiesbaden: Th. Gabler Verlag, October 1979, 33-35.
- “Growth theory after thirty years,” in *Growth, Productivity, and Employment*, ed. Peter Diamond, Cambridge, MA: MIT Press, 1990, 3-22.
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## **EPIDEMIOLOGY**

“Understanding the coevolution of mask wearing and epidemics: A network perspective,” with Zirou Qiu (lead author) and others, *Proceedings of the National Academy of Sciences*, 119(26), <https://doi.org/10.1073/pnas.2123355119> .

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## **ENVIRONMENT AND CLIMATE CHANGE**

“Environmental Catastrophes and Mitigation Policies in a Multi-Region World,” with Timothy Besley, *Proceedings of the National Academy of Sciences*, Sackler colloquium *Economics, Environment and Sustainable Development*, 116(12), Mar. 19, 2019, S270-276.

## **OTHER FIELDS**

“The optimum factory town,” *Bell Journal of Economics and Management Science*, 4(2), Autumn 1973, 637-651.

“Market valuation of illiquid debt and implications for conflicts among creditors,” with Leonardo Bartolini, *IMF Staff Papers*, 38(4), December 1991, 828-849.

“Restoring fun to game theory.” In *Teaching Economics: More Alternatives to Chalk and Talk*, eds William E. Becker, Michael Watts, and Suzanne R. Becker, Cheltenham, UK: Edward Elgar, 2006, 1-19.

## **GENERAL READERSHIP**

“Making strategies credible,” with Barry Nalebuff, in *Strategy and Choice*, ed. Richard Zeckhauser, Cambridge, MA: MIT Press, 1991, 161-184.

Chapters 6: “Swedish Economics in the 1980s,” 7: “The Organization of Research,” 8: “Graduate Education in Sweden,” and 9: “Recommendations,” with Seppo Honkapohja and Robert M. Solow, in *Economics in Sweden: An Evaluation of Swedish Research in Economics*, ed. Lars Engwall, London: Routledge, 1992, 129-186.

“Game theory” and “Prisoner's dilemma,” with Barry Nalebuff, in *The Fortune Encyclopedia of Economics*, ed. David R. Henderson, Warner Books, 1993, 61-63, 640-643.

“The options approach to capital investment,” with Robert S. Pindyck, *Harvard Business Review*, May-June 1995, 105-115, reprinted in *Seeing Differently: Insights on Innovation*, ed. John Seely Brown, Cambridge, MA: Harvard University Press.

- “Game theory explained,” article in conjunction with PBS program *A Brilliant Madness*, 2001. Available at [http://www.pbs.org/wgbh/amex/nash/sfeature/sf\\_dixit.html](http://www.pbs.org/wgbh/amex/nash/sfeature/sf_dixit.html)
- “Governance Institutions and Development,” Second P.R. Brahmananda Lecture delivered at the Reserve Bank of India, June 28, 2007. Available at <http://rbidocs.rbi.org.in/rdocs/Speeches/PDFs/78265.pdf>
- “Are India’s Reforms in Peril?” *Business and Economy*, 13 November 2008, p. 82.
- "The Cone of Uncertainty of the 21st Century's Economic Hurricane." In *In 100 Years*, ed. Ignacio Palacios-Huerta, Cambridge, MA: MIT Press, 2013, pp. 49-56.
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## ON ECONOMICS AND ECONOMISTS

- “In honor of Paul Krugman: Winner of the John Bates Clark Medal,” *Journal of Economic Perspectives*, 7(2), Spring 1993, 173-188.
- “My system of work (Not!)” *The American Economist*, 38(1), Spring 1994, 10-16, reprinted in *Passion and Craft: How Economists Work*, ed. Michael Szenberg, Ann Arbor, MA: Michigan University Press, 1998.
- “Thomas Schelling,” with Richard Zeckhauser, in *American Economists of the Late Twentieth Century*, ed. Warren J. Samuels, Edward Elgar, 1996, 259-273.
- “James Mirrlees’ contributions to the theory of information and incentives,” with Timothy Besley, *Scandinavian Journal of Economics*, 99(2), June 1997, 207-235.
- “Mancur Olson: Social scientist,” *Economic Journal*, 109(5), June 1999, F443-F452.
- “John Nash: Founder of modern game theory,” *Game Theory: A Festschrift in Honor of John Nash*, eds. Constantina Kottaridi and Gregorios Siourounis, Athens: Eurasia Publications, 2002, 98-100. English translation at <http://www.princeton.edu/~dixitak/home/nashenco.pdf>
- “Paul Samuelson as teacher,” in *Paul A. Samuelson: On Being an Economist*, Eds. Michael Szenberg, Aron Gottesman and Lall Ramrattan. New York, NY: Jorge Pinto Books, 2005, 99-102.
- “Thomas Schelling’s contributions to game theory,” *Scandinavian Journal of Economics*, 108(2), 2006, 213-229.
- “Paul Samuelson and international trade theory over eight decades,” in *Samuelsonian Economics and the Twenty-First Century*, eds. Michael Szenberg, Lall Ramrattan, and Aron Gottesman, New York: Oxford University Press, 2006, 197-211.

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“Evgeny Slutsky: The most famous Russian economist of the twentieth century.” *ACA International Scientific Conference Series*, Volume VI, eds Boris P. Borisov and Igor V. Kochubey, pp.93-95.

“Paul Samuelson's legacy,” *Annual Reviews of Economics* 4, 2012, 1-31.

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### III. REVIEWS AND DISCUSSIONS

Review of: *Unfashionable Economics - Essays in Honor of Lord Balogh*, ed. Paul Streeten. In *Oxford Magazine*, Michaelmas 1980, No.7.

Review of: *Essays in Economic Analysis*, eds. J. M. Parkin and A. R. Nobay. In *Economic Journal*, March 1977.

Review of: *The Economic Theory of Modern Society*, by Michio Morishima. In *Economic Journal*, September 1977.

Review of: *A Theory of the Individual for Economic Analysis, Volume I*, by J. Lesourne. In *Economic Journal*, June 1978.

Discussion of: Michael Allingham's paper in *Contemporary Economic Analysis, Volume II*, eds David Currie and Wilf Peters, London: Croome-Helm, 1979.

Review of: *Economic Theory and the Core*, by Lester G. Telser. In *Economic Journal*, December 1979.

Discussion of: Peter Neary's paper in *Import Competition and Response*, ed. Jagdish Bhagwati, University of Chicago Press, 1982.

Review of: *Topics in Mathematical Analysis for Economists*, by Knut Sydsæter. In *Scandinavian Journal of Economics*, September 1983.

Discussion of: Wilfred Ethier's chapter, in *International Economics*, ed. Lawrence H. Officer, Boston, MA: Kluwer Academic Publishers, 1987.

Discussion of: Val Lambson's paper in *Trade Policy Issues and Empirical Analysis*, ed. Robert Baldwin, University of Chicago Press, 1988.

Discussion of: Martin Feldstein and Paul Krugman's paper, in *International Aspects of Taxation*, ed. Joel Slemrod, University of Chicago Press, 1990.

Review of: Exchange Rate Instability, by Paul Krugman. In *Journal of Economic Literature*, June 1990.

Discussion of: Laura Tyson's paper, in *An Alternative Trade Strategy: Options for the 1990s*, eds. Robert Z. Lawrence and Charles L. Schultze, Brookings, 1990.

Discussion of: Paul Krugman's paper, in *New Directions in Trade Theory*, eds. Jim Levinsohn, Alan V. Deardorff, and Robert M. Stern, University of Michigan Press, 1995, 47-52.

Review of: Games Businesses Play, by Pankaj Ghemawat. In *Economic Journal*, November 1998.

Discussion of: Drusilla Brown's paper, in *Social Dimensions of U.S. Trade Policies*, eds. Alan V. Deardorff and Robert M. Stern, University of Michigan Press, 2000, 267-270.

Comment on Paul Samuelson's article "The limits of free trade," (with Gene Grossman), *Journal of Economic Perspectives*, 19(3), Summer 2005, 241-242.

Review article: "Strategy in History and (versus?) in Economics: A Review of Lawrence Freedman's Strategy: A History," *Journal of Economic Literature*, 52(4), December 2014, 1119-1134.

Review article: " 'Somewhere in the middle you can survive': Review of *The Narrow Corridor* by Daron Acemoglu and James Robinson," *Journal of Economic Literature*, 59(4), December 2021, 1361-1375.

#### **IV. WORKING PAPERS**

(Most of these are available at <http://www.princeton.edu/~dixitak/home/wrkps.html> )

"Fighting Corruption By Altering Equilibrium in an Assurance Game." November 30, 2017.

"How Can India Avoid Losing Its Race to Prosperity?" India Policy Forum Lecture, July 2018.

"We Haven't Got But One More Day: The Cuban Missile Crisis As a Dynamic Chicken Game," with David McAdams and Susan Skeath, November 2019.

"R0 for Covid Research: An early estimate and policy implications." May 2020.

"How early should you plan to arrive for a flight?" January 2021.

“Covid-19 in Red and Blue States.” Revised version January 3, 2021.

“A cookie-cutting problem.” February 2021.

“Laws and norms in games humans play.” Paper for Nobel Symposium: 100 Years of Game Theory, December 2021.

“The financial expert of Malgudi.” Forthcoming in *Fictionomics*, eds. Avinash Dixit, Francois Bourguignon, Luc Leruth and Jean-Philippe Platteau, 2023.

## V. UNPUBLISHED PAPERS

(Some of these are available at <http://www.princeton.edu/~dixitak/home/wrkps.html>)

“A solution technique for rational expectations models with applications to the determination of exchange rates and interest rates,” October 1980.

“A model of trade in oil and capital,” Princeton: Woodrow Wilson School Discussion Paper in Economics No. 16, September 1981.

“Tax reform as industrial policy,” Harvard: Kennedy School of Government, Working Paper on Industrial Policy No. 85-1, February 1985.

“Prospects for high-technology industries and trade between the U.S. and Japan,” paper presented at the first MITI Japan-U.S. Symposium, Tokyo, January 1987.

“Risk-adjusted rates of return for project appraisal,” with Amy Williamson, AGRAP project report, the World Bank, June 1989.

“Self-Enforcing Cooperation with Graduated Punishments.” With Dilip Abreu and Douglas Bernheim, July 2005.

“Predatory States and Failing States: An Agency Perspective.” April 2006.

“Socializing Education and Pro-Social Preferences.” August 2009.

“Governance, Development, and Foreign Direct Investment.” December 2011. Text of the Max Weber Lecture, EUI, Florence.

## VI. UNPUBLISHED LECTURES

(Some of these are available at <http://www.princeton.edu/~dixitak/home/wrkps.html>)

“New views of Keynes' theory,” March 1979.

“Introduction to duality theory and applications,” June 1980.

“Interpersonal comparisons and social welfare functions,” Spring 1980. (Posted with my teaching notes.)

“U.S. macroeconomic policies and the dollar overvaluation,” March 1984.

“Some mathematical techniques of stochastic dynamic analysis,” June 1994.

“Notes on common agency,” February 1996.

"Is There Any Future for Trade Liberalization Agreements?" Slides of presentation at the conference in honor of Victor Norman, Norges Handelshoyskole, Bergen, Norway, December 6, 2016.

"Where is India Losing Out?" Slides for a talk given at the Indian Statistical Institute, Kolkata, December 2015.

“How Economists Think.” Video prepared for an online lecture course series, July 2022. forthcoming.

## TEACHING

PDF files of notes, slides, problem sets and, exams for several of my undergraduate courses on microeconomics, game theory, and international economics are available at: <http://www.princeton.edu/~dixitak/Teaching/>

### PH.D. SUPERVISION

Berkeley: Vijay Kelkar (1969)

Warwick: Christopher Ellis (1980), Alan Carruth (1980)

Princeton: Principal adviser for Kala Krishna (1984), Dani Rodrik (1985), Satoshi Watanabe (1985), Swati Bhatt (1986), Susan Skeath (1989), Jai-June Kim (1990), Jeroen Swinkels (1990), Leonardo Bartolini (1991), Sudhir Shah (1991), Judith Chin (1992), Marco Annunziata (1993), Bradley Ruffle (1996), Kashif Mansori (1998), Brishti Guha (2005). Secondary adviser for Stephen Marks (1982), Motty Perry (1982), Patrick Conway (1983), Urho Lempinen (1984), Robert Helsley (1985), Calum Carmichael (1986), Richard Rosen (1987), Blaise Allaz (1987), James Levinsohn (1987), Hiroshi Shibuya (1988), Astri Muren (1989), Martin Richardson (1989), Karla Hoff (1989), Dominique Desruelle (1990), John Leahy (1990), Mark Dutz (1990), Olivier Cadot (1991), Ann Harrison (1991), Marco Bonomo (1992), John McLaren (1992), Hyeng-Keun Koo (1992), Arijit Sen (1993), Aydin Hayri (1993), Keong Woo (1999), Xiaodong Wu (2000), Eduardo Vergara (2000), Ronny Razin (2000), Arnaud Costinot (2005).

MIT: Charlotte Wojcik (1996).

### RESEARCH COURSES

Nordic Research Course, “Fix-price Models in International Economics,” with C-H. Siven, University of Oslo, July 1979.

Yrjö Jahnsson Foundation Research Course in International Economics, with Willem Buiters, Sannes, Finland, August 1985.

Leif Johansen Memorial Research Course, “International Trade Policy in Imperfect Markets,” University of Oslo, June 1988.

Finnish Postgraduate Program in Economics, “Investment Under Uncertainty,” University of Helsinki, May 1996.

Stockholm School of Economics, graduate mini-course “The Political Economy of Redistribution,” October 1996.

Bocconi University, undergraduate mini-course “Games of Strategy,” June 2002.

Netherlands Network for Quantitative Economics (NAKE) Research Workshop, “Alternative Modes of Economic Governance,” June 2002.

Stockholm School of Economics mini-course, “Formal and Informal Institutions of Economic Governance, August 2005

American Economic Association, Continuing Education Course on Game Theory, Denver, January 9-11, 2011.

## REGULAR COURSES

### Princeton, Economics Department

Microeconomic Theory (Graduate, several times)  
Microeconomic Theory: A Mathematical Approach (Undergraduate)  
Microeconomic Theory (Undergraduate)  
Games of Strategy (Undergraduate, several times)  
Economics of Uncertainty (Undergraduate, several times)  
Advanced Principles of Economics (Undergraduate)  
International Trade Theory (Graduate, several times)  
International Trade and Finance (Undergraduate)  
International Trade (Undergraduate, several times)  
Mathematics for Economists (Graduate)

### Princeton, Sociology Department

Economics and Sociology (Graduate Workshop, joint with Viviana Zelizer)

### Princeton, Woodrow Wilson School

International Trade Policy (Graduate, several times)  
Games of Strategy (Graduate, several times)  
Economic Development (Graduate, with William Branson)  
Britain's Economic Decline 1945-80 (Graduate workshop)  
U.S. Industrial Policy (Undergraduate workshop)

### U. C. Berkeley

General Equilibrium Theory (Graduate)  
Linear Economic Models (Graduate)  
Growth Theory (Graduate)  
Economic Development (Graduate)  
Intermediate Microeconomics (Honors Section)

### Oxford

Linear Economic Models (Graduate)  
Dual Economies (Graduate)  
Capital and Growth (Graduate, with James Mirrlees)  
Mathematical Methods for Economists (Graduate, with Peter Hammond)  
Graduate tutorial teaching in theory and mathematical economics  
Undergraduate tutorial teaching at elementary and intermediate levels  
in micro, macro, trade, and development



## Warwick

Microeconomic Theory (Graduate, several times)  
Mathematical Economics (Undergraduate and Graduate, several times)  
First-year micro and macro (Mathematical stream)  
Second-year micro (General and mathematical streams, several times)  
Urban Economics (Undergraduate)

## M.I.T.

Growth Theory (Graduate)  
Intermediate Microeconomics (Mathematical section)  
International Trade (Graduate)

## **ADMINISTRATION**

### Warwick

Chairman, Graduate Program Committee, 1975-78  
Department Chairman, 1978-80  
University Senate, 1978-80.

### Princeton

University Schedules Committee, 1986-7, 1988-91  
Economics Department and Woodrow Wilson School:  
    Several recruiting, reappointment and promotion committees  
Woodrow Wilson School, MPA Admissions Committee 1983  
Woodrow Wilson School, MPA Field IV Coordinator 1984-5  
Economic Department, Ph.D. Admissions Committee 1986  
Economics Department, Director of Graduate Studies, 1988-9  
Economics Department, Junior Recruiting Chair, 1990-91  
Economics Department, Department Representative (Director of  
    Undergraduate Studies), 2003-9  
University Committee on Committees 2004-7  
University Course of Study Committee 2005-8

## **GRANTS**

### **National Science Foundation**

- [1] International Trade Policy in Oligopolistic Markets, 1983-85
- [2] Issues of Trade Policy with Imperfect Markets, 1985-88
- [3] Trade Policy with Imperfect Markets, 1988-92
- [4] Investment Under Uncertainty, 1992-95
- [5] The Political Economy of Redistribution and Dynamic Resource Allocation, with John Londregan, 1995-8
- [6] Common Agency in Political Economy, 1996-9
- [7] Agency and Dynamics in Political Economy, 1999-2002
- [8] Modes of Economic Governance, 2002-2005
- [9] Theoretical Investigations of Empirical Puzzles in Relationships with Asymmetric Information, 2005-8
- [10] Democracy, Autocracy, and Bureaucracy, 2008-9

### **Guggenheim Foundation**

Fellowship Award, 1991-92

## **CONSULTING**

World Bank, various projects, 1981-1989