

CURRICULUM VITAE

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Nationality: Indian

Education

1990 Ph.D. in Economics, King's College, University of Cambridge.
Title of Thesis: *Imperfectly Competitive Markets and State Policy*.

1985 M.Phil in Economics from St. Edmund Hall, University of Oxford.
Title of Thesis: *Interaction between Agriculture and Industry in a Developing Country*.

1981-83 M.A. in Economics from the Delhi School of Economics.
First Division and ranked fourth in the University.
Special Courses: Economic Policy and Project Evaluation, Advanced Economic Theory, Econometrics.

1978-81 B.A. Honours in Economics from St. Stephen's College, Delhi.
First division and ranked fourth in the University.

Languages

English, French (United Nations Language Proficiency Certificate), Hindi and Kashmiri.

Work Experience

2010- *Research Manager*, Trade and Integration, World Bank, Washington DC.
Responsible for managing the World Bank's International Trade and Integration research team (DECTI) consisting of thirty researchers and support staff. The research program focuses on the development-impact of policies affecting trade in goods and services, foreign direct investment, and international migration. Research issues include the determinants of trade performance of developing countries; the impact of trade and investment policies on growth and income distribution; the design of complementary behind-the-border regulatory policies; and the design and impact of international trade agreements. Responsibilities include leading the team in formulating and conducting original, high quality policy-relevant research projects and disseminating results; acting as a spokesperson for the team's entire work program inside and outside the Bank; recruiting, coaching and mentoring team

members to enhance their research and impact; shaping and distilling research findings to feed in to the World Bank's assistance programs at country level and working with staff to provide support to Bank operations and advice to client governments; and participating in internal and external policy debate in order to ensure that research contributes to broader development goals.

- 1999- *Lead Economist* Development Research Group (*Senior Economist* DRG and World Bank Institute until July 2002), World Bank, Washington DC.
Leading a major project on international trade in services, conducting research on trade, trade policy and the operation of the WTO, providing analytical support to Bank operations and policy advice to client governments, with the objective of improving national policy as well as international trade agreements. The services project has received substantial research grants and employs a number of Bank staff. In collaboration with the World Bank Institute, helping to enhance trade policy-making and negotiating capacity in developing countries through a variety of training and collaborative research-based activities.
- 1994-1999 *Economic Counsellor*, Trade in Services Division, World Trade Organization (WTO), Geneva.
Contributed to the development of new international rules on trade in services, conducted economic research on trade and trade policy in services, provided policy advice to delegations and assisted in the implementation of the General Agreement on Trade in Services. Secretary to the Working Party on GATS Rules and responsible for negotiations on emergency safeguard measures, government procurement of services and maritime transport services. Led a team working on the development of a database on countries' commitments on trade in services, and on the improvement of services statistics and nomenclature. Participated in and led missions providing technical assistance to developing countries.
- 1992-1994 *Economic Affairs Officer*, Economic Research and Analysis Unit, World Trade Organization (WTO), Geneva.
Assisted in the preparation of the WTO Annual Report and background papers for consultations in the Balance of Payments Committee of WTO, conducted research on trade and trade policy related subjects, and assisted other divisions of the WTO Secretariat, WTO panels, working parties and committees with research-related work.
- 1991-1992 *Economic Affairs Officer*, Trade Policies Review Division, General Agreement on Tariffs and Trade (GATT), Geneva.
Prepared comprehensive reports which analyze the measures affecting trade and the policy formulation process in selected countries.
- 1990-1991 *Lecturer in Economics*, University of Sussex, Falmer, Brighton.
Lectured undergraduate students on international trade theory and industrial economics. Supervised postgraduate students in the areas of development and international economics, and undergraduate students in economic principles.
- July-Oct 1989 *Associate Economic Affairs Officer*, United Nations Conference on Trade and Development - Special Programme for Least Developed Countries (UNCTAD-SPLDC), Geneva.
Prepared sections on the Performance of the LDCs during the 1980s and the

Development of Economic Policy Institutions in the LDCs, in the Report for the 1990 Conference on the Substantial New Programme of Action for the Least Developed Countries.

- 1988-89 *Lector in Economics*, Churchill College, University of Cambridge. Supervised undergraduate students in economic principles.
- 1984-88 *Supervisor* of undergraduate courses in Economics for Christ Church, Oxford (1984-85); Trinity College (1986-87), Queens' College (1986-87), Fitzwilliam College (1987-88) and King's College (1987-88), Cambridge.
- 1985-86 *Research Assistant* to Mr J.B. Knight, Institute of Economics and Statistics, Oxford, on the project, Economics of the Diamond Industry, funded by the E.S.R.C., UK. Assisted in a study of the Central Selling Organisation, the major institution in the diamond industry, examining its dual role, of price maintenance vis-a-vis the final consumer and of income stabilisation vis-a-vis the primary producer.

Articles in Journals and Books

- 2013 Evaluating Aid for Trade: A Survey of Recent Studies, with Olivier Cadot, Jaime de Melo, Ana Fernandes, Julien Gourdon, forthcoming in the *World Economy*.
- 2013 Trade and innovation in services : evidence from a developing economy, with Leonardo Iacovone and Andres Zahler, forthcoming in the *World Economy*.
- 2013 Policy Barriers to International Trade in Services: Evidence from a New Database, with Ingo Borchert and Batshur Gootiiz, forthcoming in the *World Bank Economic Review*.
- 2013 Labor Skills and Foreign Investment in a Dynamic Economy: Estimating the Knowledge Capital Model for Singapore, with Gnanaraj Chellaraj and Keith Maskus, *Review of Development Economics*, vol. 17(4), 627-643.
- 2013 Trade Effects of Alternative Carbon Border-Tax Schemes, with Arvind Subramanian, Dominique van der Mensbrugge, and Jianwu He, *Review of World Economics*, vol. 149(3), 587-609
- 2013 Give Them Our Huddled Masses, with Arvind Subramanian, *Foreign Policy*, May 17, 2013.
- 2013 China and the WTO, in Shenggen Fan, Ravi Kanbur, Shang-Jin Wei and Xiaobo Zhang (eds.), *The Oxford Companion to the Economics of China*, Oxford University Press, Oxford.
- 2013 Liberalizing Trade in Services: Lessons from Regional and WTO Negotiations, with Bernard Hoekman, *International Negotiations*, vol. 18, 131–151.
- 2013 Developing Professional Services in Africa: How Regional Integration Can Help? with Ana M. Fernandes and Nora Dihel, chapter 13 in P. Brenton and G. Isik (eds.), *De-Fragmenting Africa: Deepening Regional Trade Integration in Goods and*

Services, World Bank, Washington DC.

- 2012 China and the World Trading System, with Arvind Subramanian, *World Economy*, vol. 35, 1733–1771.
- 2012 Services trade and growth, with Bernard Hoekman, *International Journal of Services Technology and Management*, vol. 17, 232-250.
- 2012 Equity in climate change: an analytical review, with Arvind Subramanian, *World Development*, vol. 40, 1083-1097.
- 2012 Can Global De-Carbonization Inhibit Developing Country Industrialization?, with Arvind Subramanian, Dominique van der Mensbrugge and Jianwu He, *World Bank Economic Review*, vol. 26, 296-319.
- 2012 Developing Professional Services in Africa: How Regional Integration Can Help, with Nora Dihel and Ana Fernandes, in Kenneth Heydon and Stephen Woolcock (eds.), *The Ashgate Research Companion to International Trade Policy*, Ashgate, Surrey, UK.
- 2012 Performance of Skilled Migrants in the U.S.: A Dynamic Approach, with Ileana Cristina Neagu and Caglar Ozden, forthcoming in *Regional Science and Urban Economics*.
- 2011 The Productivity Effects of Services Liberalization: Evidence from the Czech Republic, with Jens Arnold and Beata Javorcik, *Journal of International Economics*, vol. 85(1), 136-146.
- 2011 Developing Professional Services in Africa through Regional Integration, with Nora Dihel, and Ana Margarida Fernandes, forthcoming in the *Proceedings of the African Economic Conference 2010: Setting the Agenda for Africa's Economic Recovery and Long-Term Growth*.
- 2011 Developing Professional Services in Africa: How Regional Integration Can Help, with Nora Dihel, and Ana Fernandes, chapter in the forthcoming *Ashgate Research Companion to International Trade*.
- 2011 Impact Evaluation of Trade Interventions: Paving the Way, with Olivier Cadot, Ana M. Fernandes, and Julien Gourdon, Chapter 1 in Olivier Cadot, Ana M. Fernandes, Julien Gourdon and Aaditya Mattoo (eds.), *Where to spend the next million? Applying impact evaluation to trade assistance*, CEPR and World Bank, London.
- 2010 Conclude Doha: It Matters, with Bernard Hoekman and Will Martin, *World Trade Review*, vol. 9, 505-530.
- 2010 The Crisis-Resilience of Services Trade, with Ingo Borchert, *The Service Industries Journal* 30(14): 1-20.
- 2009 Services Trade – The Collapse That Wasn't, with Ingo Borchert, in *The Great Trade Collapse: Causes, Consequences and Prospects*. Richard Baldwin (ed.). London: VoxEU.org.

- 2009 Services Trade and Growth, with Bernard M. Hoekman, in *Opening Markets for Trade in Services*, Juan A. Marchetti and Martin Roy (eds.). Cambridge: Cambridge University Press.
- 2009 The Doha Development Agenda: What's on the Table, with William J. Martin, *Journal of International Trade and Development*, vol. 19, 81-107.
- 2009 Is the Crisis Provoking Protection in Services? A Case Study of the United States, with Ingo Borchert, Simon Evenett, Bernard Hoekman and Olivier Cattaneo (eds.), *Trade Implications of Policy Responses to the Crisis*, CEPR, London.
- 2009 Currency Undervaluation and Sovereign Wealth Funds: A New Role for the World Trade Organization, with Arvind Subramanian, *World Economy*, vol. 32, 1135-1164.
- 2009 Services in Doha: What's on the Table, with Batshur Gootiiz, *Journal of World Trade*, vol. 43, 1013-1030.
- 2009 India and Climate Change: India's Options, with Nancy Birdsall and Arvind Subramanian, *Economic and Political Weekly*, vol. 44, 43-50.
- 2009 Services, Openness and Growth in South Asia, Chapter 7 in *Accelerating Growth and Job Creation in South Asia*, Sadiq Ahmed and Ejaz Ghani (eds), Oxford University Press: India.
- 2009 Exporting Services, Chapter 9 in *Breaking into New Markets: Emerging Lessons for Export Diversification*, Richard Newfarmer, William Shaw, and P. Walkenhorst (eds.), Washington, DC: World Bank.
- 2009 Is Service Sector a Source of Growth, in *Accelerating Growth and Job Creation in South Asia*, Sadiq Ahmed and Ejaz Ghani (eds.), New Delhi: Oxford University Press.
- 2009 Foreign Professionals in the United States: Regulatory Impediments to Trade, with Deepak Mishra, *Journal of International Economic Law*, vol. 12, 435-456.
- 2009 From Doha to the Next Bretton Woods: A New Multilateral Trade Agenda, with Arvind Subramanian. *Foreign Affairs* 88(1): 15-26.
- 2008 The GATS, in *A Handbook of International Trade in Services*, Aaditya Mattoo, Robert M. Stern, Gianni Zanini (eds.), Oxford: Oxford University Press.
- 2008 India and Bretton Woods II, Special Article in *the Economic and Political Weekly*, vol. 43(45): 62-70.
- 2008 Overview, with Robert M. Stern, in *A Handbook of International Trade Services*. Aaditya Mattoo, Robert M. Stern, Gianni Zanini (eds.), Oxford: Oxford University Press.
- 2008 International Trade in Services, in Ramkishan Rajan and Kenneth Reinert, eds., *The Princeton Encyclopaedia of the World Economy*, Princeton University Press.

- 2008 The General Agreement on Trade in Services, in Ramkishen Rajan and Kenneth Reinert (eds.), *The Princeton Encyclopaedia of the World Economy*, Princeton University Press.
- 2008 Regionalism in Standards: Good or Bad for Trade, with Maggie Xiaoyang Chen, *Canadian Journal of Economics*, vol. 41, 838-863
- 2008 Brain Waste? Educated Immigrants in the US Labor Market, with Ileana Cristina Neagu and Caglar Ozden, *Journal of Development Economics*, vol. 87, 255-269.
- 2008 Services inputs and firm productivity in Sub-Saharan Africa: Evidence from firm-level data, with Jens Arnold and Gaia Narcisco, *Journal of African Economies*, vol. 17, 578-599.
- 2008 The Contribution of Skilled Immigration and International Graduate Students to U.S. Innovation, with Gnanaraj Chellaraj and Keith Maskus, *Review of International Economics*, vol. 16, 444-462.
- 2008 The Basic Economics of Services Trade, with Brian Copeland, in *A Handbook of International Trade in Services*, Aaditya Mattoo, Robert M. Stern, Gianni Zanini (eds.), Oxford: Oxford University Press.
- 2008 Services Trade and Growth, with Bernard Hoekman, Chapter 1 in *Opening Markets for Trade in Services*, Juan A. Marchetti and Martin Roy (eds.), Cambridge University Press, Cambridge.
- 2008 Regionalism in Services Trade, with Pierre Sauve, in *A Handbook of International Trade in Services*, Aaditya Mattoo, Robert M. Stern, Gianni Zanini (eds.), Oxford: Oxford University Press.
- 2007 The Political Economy of Services Trade Liberalization: A Case for International Regulatory Cooperation, with Bernard Hoekman and Andre Sapir, *Oxford Review of Economic Policy*, vol. 23, 367-391.
- 2007 Migration from Zambia: Ensuring Temporariness through Cooperation, with Mohammad Amin, in *Services Trade and Development: The Experience of Zambia*. Aaditya Mattoo, Lucy Payton (eds.), New York: Palgrave Macmillan.
- 2007 Services in the Zambian Economy, with Jens Arnold, in *Services Trade and Development: The Experience of Zambia*., Aaditya Mattoo, Lucy Payton (eds.), New York: Palgrave Macmillan.
- 2007 Regulatory Cooperation, Aid for Trade and the GATS, with Bernard M. Hoekman, in *Pacific Economic Review* 12(4): 399-419.
- 2007 Services Trade for Zambia's Development: An Overview, with Lucy Payton, in *Services Trade and Development: The Experience of Zambia*, Aaditya Mattoo, Lucy Payton (eds.), New York: Palgrave Macmillan.
- 2007 Regulatory Cooperation, Aid for Trade and the GATS, with Bernard Hoekman, *Pacific Economic Review*, vol. 12, 399-418.

- 2006 International Trade: Multilateral Disciplines on Trade in Services, with Bernard Hoekman, in *The Handbook of International Economic Law*, Andrew Guzman and Alan Sykes (eds.), University of Chicago Press, Chicago.
- 2006 How Health Insurance Impedes Trade in Healthcare, *Health Affairs*, vol. 25, 358-368.
- 2006 Measuring Services Trade Liberalization and its Impact on Economic Growth: An Illustration, with Randeep Rathindran and Arvind Subramanian, *Journal of Economic Integration*, vol. 21, 64-98.
- 2006 Skilled Immigrants, Higher Education, and U.S. Innovation, with Gnanaraj Chellaraj and Keith E. Maskus, in *International Migration, Remittances and the Brain Drain*, Caglar Ozden and Maurice Schiff (eds.), Palgrave Macmillan and the World Bank.
- 2005 Services in a Development Round: Three Goals and Three Proposals, *Journal of World Trade*, vol. 39, 1223-1238. (Shorter version published as Services in a Development Round: Proposals for Overcoming Inertia, in *Trade, Doha, and Development: A Window into the Issues*, Richard Newfarmer (ed.), World Bank, Washington, DC.
- 2005 Assessing the Impact of Communication Costs on International Trade, with Carsten Fink and Ileana Cristina Neagu, *Journal of International Economics*, vol. 67, 428-445.
- 2005 Why Prospects for Trade Talks Are Not Bright, with Arvind Subramanian, *Finance and Development*, vol. 42, 19-21.
- 2004 The services dimension of China's accession to the WTO, with Will Martin, in *China and the WTO*, Deepak Bhattasali, Shantong Li, and Will Martin (eds.) Oxford: Oxford University Press.
- 2004 The WTO and the Poorest Countries: The Stark Reality, with Arvind Subramanian, *World Trade Review*, vol. 3, 385-407.
- 2004 Pre-Empting Protectionism in Services: The WTO and Outsourcing, with Sacha Wunsch, *Journal of International Economic Law*, vol. 7, 765-800.
- 2004 Regional Agreements and Trade in Services: Policy Issues, with Carsten Fink, *Journal of Economic Integration*, vol. 19, 742-779.
- 2004 Mode of Foreign Entry, Technology Transfer and FDI Policy, with Marcelo Olarreaga and Kamal Saggi, *Journal of Development Economics*. vol. 75, 95-111.
- 2004 Reciprocity Across Modes of Supply in the World Trade Organization: a Negotiating Formula, with Marcelo Olarreaga, *International Trade Journal*, vol.18, 1-22.
- 2004 Moving People to Deliver Services: How Can the WTO Help, with Sumanta Chaudhuri and Richard Self, *Journal of World Trade.*, vol. 38, 363-393.
- 2004 The General Agreement on Trade in Services: Implications for Health Policymakers,

- with Leah Belsky, Reidar Lie, Ezekiel Emanuel, and Gopal Sreenivasan, *Health Affairs*, vol. 23, no. 3.
- 2003 The Africa Growth and Opportunity Act and Its Rules of Origin: Generosity Undermined, with Devesh Roy and Arvind Subramanian, *World Economy*, vol. 26, no. 6, 859-851.
- 2003 Services in a Development Round, *World Trade Brief for the Fifth WTO Ministerial Conference*, Agenda Publishing, London.
- 2003 An Assessment of Telecommunications Reform in Developing Countries, with Carsten Fink and Randeep Rathindran, in *Information Economics and Policy*, vol. 15, 443-466.
- 2003 Explaining Liberalization Commitments in Financial Services Trade, with Philipp Harms and Ludger Schuknecht, *Review of World Economics/ Weltwirtschaftliches Archiv*, vol. 139, no. 1, 82-113.
- 2003 Shaping Future Rules for Trade in Services: Lessons from the GATS, in Takatoshi Ito and Anne Krueger, *Trade in Services in the Asia Pacific Region*, NBER, University of Chicago Press, Chicago.
- 2003 Domestic Regulation and Trade in Services: Looking Ahead, with Pierre Sauve, in *Domestic Regulation and Service Trade Liberalization*, Aaditya Mattoo, Pierre Sauve (eds.) Washington, D.C.: Oxford Univ Press.
- 2003 Domestic Regulation and Trade in Services: Key Issues, with Pierre Sauve, in *Domestic Regulation and Service Trade Liberalization*, Aaditya Mattoo, Pierre Sauve (eds.) Washington, D.C.: World Bank and Oxford Univ Press.
- 2003 China's Accession to the WTO: The Services Dimension, *Journal of International Economic Law*, vol. 6, no. 2, 299-339.
- 2003 Approaches to Further Liberalization of Trade in Services, with Patrick Low, in W. Martin and M. Pangestu (eds.), *Options for Global Trade Reform*, Cambridge University Press, Cambridge.
- 2003 India and the Multilateral Trading System Post-Doha, with Arvind Subramanian, in *India and the WT*, Aaditya Mattoo, Robert M. Stern (eds.), Oxford: Oxford Univ Press.
- 2002 Unrestricted Market Access for Sub-Saharan Africa: How much is it worth and who pays, with Elena Ianchovicina and Marcelo Olarreaga, *Journal of African Economies*, vol. 10, no. 4, 410-432.
- 2002 Trade in Services: Using Openness to Grow, Chapter 3 in *Global Economic Prospects and the Developing Countries*, World Bank, Washington, D.C.
- 2002 Domestic Regulations and Liberalization of Trade in Services, with Carlo Gamberale, in *Development, Trade, and the WTO: A Handbook*, Bernard Hoekman, Phillip English (eds.), Washington, D.C.: World Bank.

- 2002 Negotiating Improved Market Access Commitments, in *Development, Trade and the WTO: A Handbook*, Bernard Hoekman and Phillip English (eds.), Washington, D.C.: World Bank.
- 2002 Liberalising Basic Telecommunications: The Asian Experience, with Carsten Fink and Randeep Rathindran, in *Trade Investment and Competition in the Global Economy: The Case of the International Telecommunications Regime*, Paolo Guerrieri and Hans-Eckart Scharrer (eds.), Hamburg Institute of International Studies and the Istituto Affari Internazionali, Nomos Verlagsgesellschaft, Baden Baden.
- 2002 Trade in international maritime services: how much does policy matter, with Carsten Fink and Ileana Cristina Neagu, *World Bank Economic Review*, vol. 16, no. 1, 81-108.
- 2002 A WTO Framework for the New Economy, with Ludger Schuknecht, in *Economic Policy Issues of the New Economy*, H Seibert (ed.), Springer, Berlin and New York.
- 2001 Electronic Commerce, Trade and Tariff Revenue: A Quantitative Assessment, with Ludger Schuknecht and Rosa Pirez Esteve, *World Economy*, vol. 24, no. 7, 955-970.
- 2001 Can no competition policy be better than some competition policy, *International Journal of Industrial Organization*, vol. 19, nos. 1-2, 55-78.
- 2001 Discriminatory Consequences of Non-discriminatory Standards, *Journal of Economic Integration*, vol. 16, no. 1, 78-105.
- 2000 Developing Countries in the New Round of GATS Negotiations: Towards a Pro-Active Role, *World Economy*, vol. 23, no. 4, 471-489.
- 2000 Shaping Future Rules for Trade in Services: Lessons from the GATS, in *Trade in Services in the Asia Pacific Region*. Ito Takatoshi and Anne Krueger (eds.), Chicago: University of Chicago press.
- 2000 Services, Economic Development and the Next Round of Negotiations on Services, with Bernard Hoekman, *Journal of International Development*, vol. 12, no. 2, 283-296.
- 2000 Is there a better way? Alternative approaches to liberalization under the GATS, in *Services 2000: New Directions in Services Trade Liberalization*, with Patrick Low, in Pierre Sauve and Robert Stern (eds.), Brookings Institution, Washington D.C.
- 2000 Financial services and the WTO: Liberalization Commitments of the Developing and Transition Economies, *World Economy*, vol. 23, no. 3, 351-386.
- 2000 MFN and the GATS, in *Regulatory Barriers and the Principle of Non-Discrimination in World Trade Law: Past, Present and Future*, Thomas Cottier and Petros C. Mavroidis (eds.), The World Trade Forum Vol. II, University of Michigan Press.
- 1999 GATS, the Modes of Supply and Statistics on Trade in Services, with Philip Chang, Guy Karsenty and Jurgen Richtering, *Journal of World Trade*, vol. 33, no. 3, June 1999.

- 1998 Regulatory Autonomy and Multilateral Disciplines: The Dilemma and a Possible Resolution, with Arvind Subramanian, *Journal of International Economic Law*, vol. 1, no. 2, 303-22.
- 1998 *Electronic Commerce and the Role of the WTO*, with Mark Bacchetta, Patrick Low, Ludger Schuknecht, Hannu Wager and Madelon Wehrens, WTO Special Studies 2, WTO, Geneva.
- 1998 Dealing with Monopolies and State Enterprises: WTO Rules for Goods and Services, Chapter 3 in, *Trade Liberalization and Property Ownership: State Trading in the 21st Century*, University of Michigan Press.
- 1997 Multilateral Rules on Competition Policy: A Possible Way Forward, with Arvind Subramanian, *Journal of World Trade*, vol. 31, no. 5, 95-115.
- 1997 *Open Markets in Financial Services and the Role of the GATS*, with Masamichi Kono, Patrick Low, Mukela Luanga, Maika Oshikawa and Ludger Schuknecht, WTO Special Studies 1, WTO, Geneva.
- 1997 National Treatment in the GATS: Corner-stone or Pandora's Box, *Journal of World Trade*, vol. 31, no. 1, 107-135.
- 1997 Eco-Labeling, the Environment and International Trade, with Harsha V. Singh, in *Eco-Labeling and International Trade*, S. Zarrilli, V. Jha and R. Vossenaar (eds.), McMillan, London.
- 1996 The Government Procurement Agreement: Implications of Economic Theory, *World Economy*, vol. 19, no. 6, 695-720.
- 1996 Government Procurement in Services, with Patrick Low and Arvind Subramanian, *World Competition*, vol. 20, no. 1, 5-26.
- 1996 Trade, Environment and the WTO: How Real is the Conflict, with Petros C. Mavroidis, Chapter 9 in Ernst-Ulrich Petersman (ed.), *International Trade Law and the GATT/WTO Dispute Settlement System*, Kluwer, Dordrecht.
- 1995 The EC-Japan Consensus on Cars: Interaction of Trade and Competition Policies, with Petros C. Mavroidis, *World Economy*, vol. 18, no. 3, 345-365.
- 1994 Eco-Labeling: Policy Considerations, with Harsha Singh, *Kyklos*, vol. 47, 53-65.

Books

- 2013 *Greenprint: A New Approach to Cooperation on Climate Change*, with Arvind Subramanian, Brookings Press, Washington, DC.
- 2007 *India's Horticultural Trade*, with Deepak Mishra and Ashish Narain, Oxford University Press and World Bank, New Delhi.

2004 *Sustaining India's Services Revolution: Access to Foreign Markets, Domestic Reform and International Negotiations*, with Deepak K. Mishra and Anirudh Shingal. Washington, D.C.: World Bank.

Edited Volumes

- 2013 *Trade in Value Added: Developing New Measures of Cross-Border Trade*, with Zhi Wang and Shang-Jin Wei, CEPR and World Bank, London and Washington, D.C.
- 2012 *Exporting Services: A Developing Country Perspective*, with Arti Goswami and Sebastian Saez, World Bank, Washington, DC.
- 2012 *Unfinished Business: The WTO's Doha Agenda*, with Will Martin, CEPR and World Bank, London.
- 2011 *Where to Spend the Next Million? Applying Impact Evaluation to Trade Assistance*, with Olivier Cadot, Ana M. Fernandes and Julien Gourdon, CEPR and World Bank, London.
- 2008 *Handbook of Services Trade*, with Robert M. Stern and Gianni Zanini, Oxford University Press, Oxford.
- 2007 *Services Trade for Zambia's Development*, with Lucy Payton, Palgrave-Macmillan and World Bank, Washington, D.C.
- 2006 *Liberalization and Universal Access to Basic Services*, with Julia Nielson and Hidlegunn Kyvik Nordas, OECD and World Bank, Paris, 2006
- 2003 *Domestic Regulation and Services Trade Liberalization*, with Pierre Sauve, Oxford University Press and World Bank, Washington, D.C.
- 2003 *India and the WTO: A Strategy for Development*, with Robert M. Stern, Oxford University Press and World Bank, Washington, D.C.
- 2003 *Moving People to Deliver Services*, with Antonia Carzaniga, Oxford University Press and World Bank, Washington, D.C.
- 2002 *Development, Trade and the WTO: A Handbook*, with Bernard Hoekman and Philip English, World Bank, Washington, D.C.

Recent Op-Eds and Policy Briefs

- 2013 Transatlantic Trade for All, *Project Syndicate*, October 2, 2013.
- 2013 An EU-US trade deal: Good or bad for the rest of the world?, *voxEU.org*, October 10, 2013.

- 2013 Trade and innovation in services, with Leonardo Iacovone and Andrés Zahler, voxEU.org, September 15, 2013.
- 2013 Four Changes to Trade Rules to Facilitate Climate Change Action, with Arvind Subramanian, voxEU.org, May 4, 2013.
- 2013 Four Changes to Trade Rules to Address Climate Change, with Arvind Subramanian, Policy Brief 13-10, Peterson Institute for International Economics Washington, D.C, April.
- 2012 Landlocked or policy-locked?, with Ingo Borchert, Batshur Gootiiz, and Arti Grover Goswami, voxEU.org, November 29, 2012.
- 2012 Role reversal will slow climate change, with Arvind Subramanian, *Financial Times*, November 19, 2012.
- 2012 Who's thinking of services reform? with Beat Javorcik, *Indian Express*, November 2, 2012.
- 2012 The first global services trade restrictions database, with Ingo Borchert and Batshur Gootiiz, voxEU.org, 17 July 2012.
- 2012 Spillover effects of exchange rates, with Arvind Subramanian and Prachi Mishra, voxEU.org, 23 March 2012.
- 2012 Impact evaluation in trade: Time for a cultural revolution? with Olivier Cadot, Ana M Fernandes and Julien Gourdon, voxEU.org, 21 January 2012
- 2011 Leave China Out of a Trade Pact at Your Peril, with Arvind Subrmanian, *Financial Times*, 8 December 2011.
- 2011 Unfinished business? The WTO's Doha Development Agenda, with Will Martin, voxEU.org, 8 November 2011
- 2011 Does services liberalisation benefit manufacturing firms? Evidence from the Czech Republic, with Jens Matthias Arnold and Beata Javorcik, voxEU.org, 1 October 2011
- 2011 The Elephant in the 'Green Room': China and the Doha Round, with Francis Ng and Arvind Subramanian, Policy Brief, PB11-3, Peterson Institute for International Economics: Washington, D.C., May 2011.
- 2011 The Elephant in the "Green Room": China and the Doha Round, voxEU.org, 21 May, 2011.
- 2010 Services trade liberalisation and regulatory reform: Re-invigorating international cooperation, with Bernard Hoekman , voxEU.org 24 December 2010.
- 2010 Regulatory reform in services sectors: The missing explanation for the revival of Indian manufacturing? With Jens Matthias Arnold, Beata Javorcik and Molly Lipscomb, voxEU.org, 12 October 2010.

- 2010 Reform and Regional Integration of Professional Services in East Africa, with Nora Dihel, Aaditya Mattoo, and N. Strychacz, Africa Trade Policy Note No. 5, August 2010 and Economic Premise Note 32, September.
- 2010 Towards Regional Integration of Professional Services in Southern Africa, with Nora Dihel and Aaditya Mattoo, Africa Trade Policy Note No. 10, November 2010.
- 2009 A Crisis Calls for a “Crisis Round”, *Wall Street Journal* (Asian Edition), March 25, 2009.
- 2009 The World Must Go Beyond Doha, *FT.com*, January 6, 2009, and in *Business Standard*, Jan 10, 2009.
- 2008 Services: An Opportunity India Must Not Miss, *Economic Times*, February 24, 2008.
- 2007 Produce and Perish: How India is Failing its Farmers, *Times of India* (26 April 2007).

Selected Working Papers

- 2013 Evaluating Aid for Trade: A Survey of Recent Studies, with Olivier Cadot, Jaime de Melo, Ana Fernandes, Julien Gourdon, CEPR Discussion Paper DP9690 and World Bank Policy Research Working Paper 6742..
- 2013 Trade and innovation in services : evidence from a developing economy, with Leonardo Iacovone and Andres Zahler, *World Bank Policy Research Working Paper* 6520.
- 2013 A "greenprint" for international cooperation on climate change with Arvind Subramanian, *World Bank Policy Research Working Paper* 6440.
- 2012 Are the benefits of export support durable ? evidence from Tunisia, with Olivier Cadot, Ana M Fernandes, and Julien Gourdon, *World Bank Policy Research Working Paper* 6295.
- 2012 Performance of skilled migrants in the U.S. : a dynamic approach, with Cristina Ileana Neagu, Caglar Ozden, *World Bank Policy Research Working Paper* 6140.
- 2012 Guide to the services trade restrictions database, with Ingo Borchert and Batshur Gootiiz, Batshur, *World Bank Policy Research Working Paper* 6108.
- 2012 Policy Barriers to International Trade in Services: Evidence from a New Database, with Ingo Borchert and Batshur Gootiiz, *World Bank Policy Research Working Paper* 6109.
- 2012 Spillover Effects of Exchange Rates: A Study of the Renminbi, with Prachi Mishra and Arvind Subramanian, *World Bank Policy Research Working Paper* 5989.
- 2012 Services reform and manufacturing performance: Evidence from India, with Jens Arnold, Beata Javorcik and Molly Lipscomb, *World Bank Policy Research Paper* 5948 and *Centre for Economic Policy Research Discussion Paper* No. DP8011.

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- 2003 Services in a Development Round, presented to the OECD Global Forum on Trade, OECD, Paris, 5-6 June 2003.
- 2001 A Free Trade Area of the Democracies?, presented at the *Brookings Institution*, Washington, DC.
- 2000 Should credit be given for autonomous liberalization in multilateral trade negotiations?, with Marcelo Olarreaga, *World Bank Policy Research Working Paper* No. 2374.
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Awards

- 1985-88 Research Studentship, awarded by King's College, Cambridge, for research towards the Ph.D. in Economics.
- 1983-85 The Inlaks Scholarship, awarded annually to twelve Indian students for graduate study abroad by the Inlaks Foundation, London.
- 1983-86 Overseas Research Students Award, awarded by the Committee of the Vice-Chancellors and Principals of the Universities of the UK.
- 1981-83 Centre of Advanced Studies Scholarship, awarded by the Delhi School of Economics for M.A. in Economics.
- 1981 The Suresh Lal Bhandari Memorial Prize, awarded by St. Stephen's College for good performance in academics and sport.
- 1977 The National Merit Scholarship, awarded for outstanding performance in the Matriculation Examination.