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April, 2017

Position:

Professor, Department of Economics, University of Virginia (August 2000 to present). Research Associate, National Bureau of Economic Research.

Past Positions:

Thomas Jefferson Visiting Scholar, Downing College, Cambridge University, and Visiting Scholar at Faculty of Economics, Cambridge University, January-June 2012. Managing Editor and Co-editor, *Economics and Politics* (January 1999 to 2006). Associate Professor, Department of Economics, Columbia University (July 1998 to July 2000). Assistant Professor, Department of Economics, Columbia University (July 1992 to July 1998). Visiting assistant professor, Department of Economics, Princeton University (January to May, 1997).

Visiting assistant professor, Economic Growth Center, Department of Economics, Yale University (September to December, 1996);

Visiting Scholar, Department of Economics, New York University (February to August, 1997).

Education:

Princeton University, Ph.D (Economics), 1992 University of Toronto, M.A., (Economics), 1987 McGill University, Montreal, B.Sc. (Mathematics), 1986

Grants:

"NAFTA and and US Labor Markets: Gender Effects, Crime, and Offshoring." Research grant from Bankard Fund for Political Economy, University of Virginia, June 2016-June 2017.

"Trade, Swing-State Politics, and Unemployment." Research grant from Bankard Fund for Political Economy, University of Virginia, June 2013-June 2014.

"Trade, Immigration, and Labor Adjustment." Research grant from Bankard Fund for Political Economy, University of Virginia, Summer 2011.

Grant from Turkish government TUBITAK foundation for work with Erhan Artuç in Istanbul, Summer 2008 and 2010.

"Empirical Effects of Trade Shocks on Workers." Research grant from Bankard Fund for Political Economy, University of Virginia, Summer 2008.

"New Directions in Political Economy and Trade." National Science Foundation Grant 0418388. 2004-7.

"Effects of Globalization on Workers: Theoretical and Empirical Approaches." Research grant from Bankard Fund for Political Economy, University of Virginia, Summer 2002.

"Mobility Costs and the Dynamics of Labor Market Adjustments to External Shocks: Theory and Estimation." National Science Foundation grant 0080731, joint with Stephen Cameron and Shubham Chaudhuri. Start date: July 15, 2000. Renewed: July, 2001. Ending date: June 2002.

Research: (i) Published and Forthcoming Refereed Papers.

"Looking for Local Labor-Market Effects of NAFTA" (joint with Shushanik Hakobyan). *Review of Economics and Statistics* 98:4, October 2016, pp. 728-41.

"Trade Policy and Wage Inequality: A Structural Analysis with Occupational and Sectoral Mobility." (With Erhan Artuç). *Journal of International Economics* 97, pp. 278-94, 2015.

"When is it Optimal to Delegate: The Theory of Fast-track Authority." (With Levent Çelik and Bilgehan Karabay.) *American Economic Journals: Microeconomics*, August 2015.

"Trade Policy Making in a Model of Legislative Bargaining." With Levent Çelik and Bilgehan Karabay. *Journal of International Economics* 91:2 (November 2013), pp. 179-90.

"Media Mergers and Media Bias with Rational Consumers," *Journal of the European Economic Association* 10:4, August 2012. (Joint with Simon Anderson.)

"Pareto-improving firing costs?" *European Economic Review*, 55:8, December 2011, pp. 1083-1093. (Joint with Bilgehan Karabay).

"Trade, Offshoring, and the Invisible Handshake" (joint with Bilgehan Karabay). *Journal of International Economics* 82:1, 2010, pp. 26-34.

"Trade Shocks and Labor Adjustment: A Structural Empirical Approach." *American Economic Review* 100:3 (June 2010), pp. 1008-45. (Joint with Erhan Artuç and Shubham Chaudhuri.) (Reprinted in: (1) *Key Concepts in the New Global Economy* (2012), David A. Baldwin (ed.), Edward Elgar; and (2) The International Library of Critical Writings in Economics: *Trade And Inequality* (2015), Pinelopi Goldberg (ed.), Edward Elgar.)

"Delay and Dynamics in Labor Market Adjustment: Simulation Results" (joint with Erhan Artuç and Shubham Chaudhuri). *Journal of International Economics*, 75:1, 2008, pp. 1-13 (lead article).

"A Theory of Insidious Regionalism." *Quarterly Journal Economics* CXVII (May 2002), pp. 571-608. Reprinted in: The International Library of Critical Writings in Economics: *Recent Developments in International Trade Theory* (2005), Rodney E. Falvey and Udo Kreickemeier (eds.).

"Globalization' and Vertical Structure," *American Economic Review* 90:5 (December 2000), pp. 1239-54. Reprinted in *Global Supply Chain Management* (2006), Masaaki Kotabe and Michael J. Mol (ed.), Edward Elgar.

"Supplier Relations and the Market Context: A Theory of Handshakes." *Journal of International Economics* 48:1 (June 1999), pp. 121-38.

"Speculation on Primary Commodities: the Effects of Restricted Entry." *Review of Economic Studies* 66 (November 1999), pp. 853-71.

"Consequences of Discretion in the Formation of Commodities Policy." *Journal of Public Economics* 69:3 (September 1998), pp. 347-70.

"Black Markets and Optimal Evadable Taxation." *Economic Journal* 108:448 (May 1998), pp. 665-79.

"Size, Sunk Costs, and Judge Bowker's Objection to Free Trade," *American Economic Review* 87:3 (June 1997), pp. 400-20.

"Corruption, Black Markets, and the Fiscal Problem in LDC's: Some Recent Findings." Invited paper for the Eastern Economics Association Papers and Proceedings, *Eastern Economics Journal* 22:4 (November 1996), pp. 491-502.

(With Timothy Besley.) "Taxes and Bribery: The Role of Wage Incentives," The *Economic Journal* 103:416 (January 1993), pp. 119-41. Reprinted in Gianluca Fiorentini and Stefano Zamagni (eds.), *The International Library of Critical Writings in Economics: The Economics of Corruption and Illegal Markets*. Edward Elgar.

(with James Pesando and Morley Gunderson.) "Pension Benefits and Male-female Wage Differentials." *Canadian Journal of Economics*, XXIV:3, August 1991, pp. 536-550.

"Food Security and the Balance of Payments: the 'Portfolio' Approach, Applied to Ghana and Tanzania." *Eastern African Economic Review*, 1990.

(with Susan Horton.) "Supply Constraints in the Tanzanian Economy: Simulation Results from a Macroeconometric Model." *Journal of Policy Modeling*, 11:2, pp. 297-313. Summer 1989.

(ii) Non-refereed publications.

"FDI and inequality in Vietnam: An approach with census data." *Journal of Asian Economics* 48 (February 2017), pp. 134-47, in special issue on 'Trade, Growth, and Economic Inequality in the Asia-Pacific Region' project sponsored by The Japan Foundation's Center for Global Partnership and Japan's Ministry of Education, Culture, Sports, Science and Technology, 2017.

"Globalization and Labor Market Dynamics." Annual Review of Economics, Volume 9, 2017.

"Chapter 2: The Political Economy of Commercial Policy," in Kyle Bagwell and Robert Staiger (eds.), *Handbook of Commercial Policy*, Volume 1A, Elsevier: 2016, pp. 109-59.

"Recent Findings on Trade and Inequality." (Joint with Ann Harrison and Margaret McMillan.) Forthcoming in *Annual Reviews of Economics*, Volume 3, September 2011.

"A Structural Empirical Approach to Trade Shocks and Labor Adjustment: An Application to Turkey" (joint with Erhan Artuç). In Guido Porto (editor), *Adjustment Costs and Adjustment Impacts of Trade Policy*, World Bank, 2010.

"Trade Policy Making by an Assembly" (joint with Bilgehan Karabay), in *The Political Economy of Trade, Aid and Foreign Investment: Essays in Honor of Edward Tower*, Devashish Mitra and Arvind Panagariya (eds.), Elsevier, 2004.

"Trade and Market Thickness: Effects on Organizations." *Journal of the European Economics Association* 1:2/3 (April/May 2003).

"Overview" and Chapter 6: "Corruption and the Organization of Tax Administration: Non-Smithian Benefits from Specialization," in *Institutional Elements of Tax Design and Reform*, Washington: World Bank, 2003.

"Corruption, Black Markets, and the Fiscal Problem in LDC's: Some Recent Findings." Invited paper for the Eastern Economics Association Papers and Proceedings, *Eastern Economics Journal* 22:4 (November 1996), pp. 491-502.

Comment on Richard Baldwin, "Regulatory Protectionism, Developing Nations and a Two-Tier World Trade System," in *Brookings Trade Forum 2000*.

Review of Susan Rose-Ackerman, Corruption and Government: Causes, Consequences, and Reform, Journal of Economic Literature, December 2000.

Op-ed article: "Should the U.S. share antitrust authority with EU? Yes: Cooperation improves efficiency," for Knight-Ridder group, November 2000.

(iii) Edited Volumes and Other Books.

(1) International Trade: Analysis of Globalization and Policy. Wiley and Sons, 2012.

(2) Institutional Elements of Tax Design and Reform. Washington, DC: World Bank, 2003.

(iv) Papers in circulation.

"FDI and Inequality in Vietnam: An Approach with Census Data." Joint with Myunghwan Yoo. NBER Working Paper #22930, December, 2016.

"Are Immigrants a Shot in the Arm for the Local Economy?" NBER Working Paper #21123 (April 2015). (Joint with Gihoon Hong.)

"Looking for Local Labor-Market Effects of NAFTA." NBER Working Paper #16535 (November 2010). (Joint with Shushanik Hakobyan.)

"Some Simple Analytics of Trade and Labor Mobility." NBER Working Paper #13464, October 2007. (Joint with Shubham Chaudhuri; new version also joint with Erhan Artuç.)

"A Swing-State Theorem, with Evidence." Mimeo, May 2012. (Joint with Xiangjun Ma.)

"Trade Shocks and Labor Adjustment: Theory" NBER Working Paper #13463, October 2007. (Joint with Stephen Cameron and Shubham Chaudhuri.)

"Globalization and Insecurity," with Andrew Newman, mimeo. University College London Department of Economics Discussion Paper #02-06, 2002.

"The Simple Analytics of Trade and Labor Mobility II: Two Types of Worker." Mimeo:

University of Virginia, 2002.

"On the Dynamics of Trade Diversion: Evidence from Four Trade Blocks" (joint with Caroline Freund, International Finance Division, Federal Reserve Board). International Finance Discussion Paper 637, Board of Governors of the Federal Reserve System, Washington, D.C, June 1999.

"Speculatively Constrained Optimal Commodity Policies," Columbia University Department of Economics Discussion Paper, September 1997.

"Free Trade Agreements, Customs Unions, and the Dynamics of Political Influence," June 2000.

Presentations and Conferences:

2017. Paper presented at Syracuse University, March.

2016. Paper presented, Conference on *Trade, Growth and Economic Inequality in the Asia-Pacific Region*, University of Hawaii at Honolulu, January, and at follow-up conference at Keio University, Tokyo, May. Paper presented at Yale University, May; Paris School of Economics, May; Southern Methodist University, September, Michigan State University, October, Duke University International Trade Workshop, December. Discussant, Princeton International Economics Section Summer Trade Workshop, July.

2015. Keynote speech at 8th Annual Symposium on Labor Economics, Xiamen University, China. Paper presented at University of California at Merced, March and at Stanford, May. Chapter presented at *Handbook of Commercial Policy* conference, Dartmouth, June. Discussant at Princeton International Economics Section Summer Workshop, July. Discussant at Federal Reserve International Trade Conference, November. Paper presented at College of William and Mary, November.

2014. Paper presented at ASSA Meetings, January; University of Virginia, February; Leitner Seminar in International and Comparative Political Economy, Yale University, April; Barcelona GSE Summer Workshop, June; Princeton Summer Workshop in International Economics, June; University of British Columbia, September.

2013. Paper presented at University of Virginia, February; Clemson University, March; Princeton University, April; NBER Meeting Federal Reserve Bank of San Francisco, December. Discussant at Princeton International Economics Section Summer Workshop, July.

2012. Paper presented at Department of Economics, Cambridge University, February (twice); Department of Economics, London School of Economics, February; Department of Economics, Oxford University, March; Leverhulm Center for the Study of Globalization and Economic Policy, University of Nottingham, March; School of Business, University of Dundee, Dundee, Scotland (May); Royal Economic Society conference, Cambridge, UK, March; Universite Libre

Bruxelles, Brussels, April; CORE, Catholic University of Louvain, Louvain-la-Neuve, Belgium, April 2012; Bayreuth University, Bayreuth, Germany, May; University of Erlangen-Nuremberg, Nuremberg, Germany, May; Penn State, September; and University of Maryland, October.

2011. Paper presentation at Empirical Investigations in Trade and Investment conference, Keio University, Tokyo, March 2011; Spring Program Meeting, International Trade and Investment group, National Bureau of Economic Research, Cambridge, MA, April 2011; and Department of Economics, Johns Hopkins, April 2011. Discussant, Princeton Summer Workshop on International Economics, June 2011.

2010. Discussant, Princeton International Economics Section Summer Workshop on International Trade, June.

2009. Presentation at ASSA Meetings, San Francisco, January, and invited seminar presentations at SAIS, Johns Hopkins, Washington, D.C., and University of Calgary, Canada. Discussant at Princeton International Economics Section Summer Workshop, June.

2008. Presentations at Southern Economics Association Meetings, Washington, D.C., November.

2007. Paper presentation, Wilfred Laurier University, Ontario, Canada, March. Paper presentation, Economic Society Meetings, Duke University, June. Discussant, summer workshop on international trade, International Economics Section, Department of Economics, Princeton University, June. Discussant, NBER International Trade and Investment Summer Institute, August. Paper presentation, Syracuse University, September. Paper Presentation, Empirical Investigations in International Trade, Perdue University, October. Presentation and chair of panel at AEA meetings, January 2008 (planned).

2006. Visit and seminar presentation at International Economics Section, Department of Economics, Princeton University, February 27-March 3.

2005. Seminar presentations at Carleton University, Ottawa, Canada, March; Southern Methodist University, University of Maryland and George Mason University in September.

Presentation at Southern Economics Association Annual Meetings: "A Swing-State Theorem" (planned), November.

Paper presentation at conference of the Working Group on International Trade and Organizations of the NBER, Cambridge, April: "Outsourcing and the Invisible Handshake."

Attended International Trade and Organizations group Program Conference, National Bureau of Economic Research, Cambridge, MA, April 2005.

2004. Seminar presentation at Brown University, March, and the University of Georgia,

October.

Series of invited lectures, University of Wisconsin, April.

Organized two panels, Southern Economics Association meetings in New Orleans, October.

Presented paper: "Globalization and Civil War," at North Eastern Universities Development Conference, Montreal, November 2004.

2003. Seminar Presentation at Dartmouth College, November.

Invited series of lectures at Nortwestern University department of Economics, March.

Paper presentation and discussant presentation at Conference on 'Trade and Labour Perspectives on Worker Turnover,' Leverhulme Centre for Research on Globalisation and Economic Policy (GEP), University of Nottingham, UK, June.

Paper presentation at Tuck/Dartmouth conference on international trade, July.

Seminar presentation at World Bank, May.

2002. International Trade and Organizations working group program meeting, NBER, April, and October.

European Economics Association Annual Meetings, invited presentation on "Trade and Market Thickness: Effects on Organizations, Venice, Italy (August).

Discussant, NBER conference on Firm Responses to International Trade, May.

Seminar presentations at U. Wisconsin, U. of Maryland.

2001. Seminar presentations at Emory; Syracuse, Harvard, MIT, Hitotsubashi University (Tokyo), University of Tokyo, Board of Governors of the Federal Reserve System.

Presenter, Murray S. Johnson Conference on International Trade, University of Texas at Austin (April); European Summer Symposium in Economic Theory, Gerzensee, Switzerland (July); NBER Summer Institute (August).

2000. Seminar presentations at Wisconsin; Boston College; Penn State; UC Berkeley Department of Agricultural and Resource Economics; Princeton; Rutgers; University of Virginia; Wayne State; New York University; World Bank; Notre Dame; Koç University, İstanbul; University College London.

Presenter, conference on Economic and Political Aspects of Regional Integration, Yale University, April.

Discusssant, Brookings Trade Forum, April.

Presenter, European Research Workshop in International Trade (ERWIT) conference, Copenhagen, June.

Discussant, Trade and Industrial Organization session of Econometric Society meetings, January.

1999. Texas A&M; London School of Economics; Boston College; Brown University; Harvard University; University of Maryland; Georgetown University; Yale University.

Discussant at session on "Papers in International Trade with Policy Implications," Allied Social Science Associations conference, New York, January.

1998. National Bureau of Economic Research Summer Institute, International Trade and Investment group, Summer Institute; Boston University; University of Texas at Austin; Florida International University, London School of Economics.

1997. Princeton University (twice); New York University; Harvard University; University of Pennsylvania; University of Michigan.

1996. NBER Summer Institute, International Trade and Investment group; Yale University (twice); University of Miami; Georgetown University; University of Miami.

Presenter, Eastern Economics Association meetings, March.

Presenter, European Economics Association meetings, İstanbul, August.

Professional Activities.

(i) Editorships.

Co-editor and Managing Editor, Economics and Politics (January 1999 to 2007). Founding member, *B.E. Journals of Economic Analysis and Policy* editorial board, Summer 2001.

(ii) Refereeing:

(Journals.) American Economic Review, American Economic Journal: Economic Policy, American Economic Journal: Macroeconomics; American Political Science Review, Econometrica, Economica, Economic Journal, Economics and Politics, European Economic

Review, Empirical Economics, Journal of Development Economics, Industrial Labor Relations Review, International Journal of Industrial Organization, Journal of Economic Behaviour and Organization, Journal of Economic Theory, Journal of International Economics, Journal of Political Economy, Journal of Public Economics, RAND Journal of Economics, Review of Economics and Statistics, Review of Economic Studies, Southern Economic Journal.

(Other.) National Science Foundation.

(iii) Other Professional Activities.

Invited participant in roundtable discussion on US trade policy and US labor markets, US International Trade Commission, March 29, 2017.

Online Lecture, Wiley Faculty Network: "Making the Economics of International Trade Cool and Compelling for Undergraduates," October 22, 2012 and April 8, 2013.

Co-organizer, International Trade and Investment section of NBER Summer Institute, August 2008 and July, 2009.

Presentation to Social Science Research Council graduate student Summer Workshop in Applied Economics on "Trade, Globalization, and Risk," July 2002.

Visiting Professor of Economics, Koç University, İstanbul, Turkey, June 2001.

Prepared report for United Nations Under- Secretary-General for Economic and Social Affairs: "Commodity Price Volatility and National Vulnerability: Current Thinking on the Role of Government," May 2001.

Member, Working Group on Trade and Organizations, National Bureau of Economic Research, Summer 2001 on.

Organizer, joint Columbia-World Bank conference on Tax Reform and Tax Administration in Less Developed and Post-Socialist Economies, February 18-9, 2000. (Conference volume is in process.)

Panel member, symposium on tax evasion, World Bank, October 22, 1999.

Lectures at the Center for Economic Research, University of World Economy and Diplomacy, Tashkent, Uzbekistan, on Trade Policy and Development Strategy, July-August 1999.

Panel Member, Panel Discussion on Economic Development sponsored by People of Color Alliance, Columbia University, School for International and Public Affairs, April 1999.

Prepared report on Effects of Minimum Wage Policies in Coffee-Producing Countries for the

National Coffee Association, November 1998.

Participation in United Nations Development Program meeting on 'A New Framework for International Development Cooperation,' July 1995.