ERIC A. VERHOOGEN

Department of Economics and School of International and Public Affairs Columbia University International Affairs Building, 420 W. 118th St. New York, NY 10027 USA Office: IAB 1119, Mail: IAB 1022 eric.verhoogen@columbia.edu Tel: (212) 854-4428 http://www.columbia.edu/~ev2124/

PRIMARY APPOINTMENTS AND ACTIVITIES

2017-	Professor, Dept. of Economics and School of International and Public Affairs, Columbia University.
2010-2017	Associate Professor (with tenure), Department of Economics and School of International and Public
	Affairs, Columbia University.
2004-2010	Assistant Professor, Department of Economics and School of International and Public Affairs,
	Columbia University.
2013-	Founding Director and current Co-Director, Center for Development Economics and Policy (CDEP),
	Columbia University.
2015-2018	Vice Dean, School of International and Public Affairs, Columbia University.
2009-2013	Co-Editor, Journal of Development Economics.
2009-	Research Program Director, International Growth Centre (IGC).
2010-	Research Associate, National Bureau of Economic Research (NBER).
2008-2010	Faculty Research Fellow, National Bureau of Economic Research (NBER).
2012-	Board of Directors, Bureau for Research and Economic Analysis of Development (BREAD).
2010-2012	Fellow, Bureau for Research and Economic Analysis of Development (BREAD).
2006-2010	Affiliate, Bureau for Research and Economic Analysis of Development (BREAD).
2011-	Research Fellow, Centre for Economic Policy Research (CEPR).
2004-	Research Fellow, Institute for the Study of Labor (IZA).
2017-	Affiliate, Abdul Latif Jameel Poverty Action Lab (JPAL).

EDUCATION

University of California, Berkeley, Ph.D. in Economics, May 2004.

University of Massachusetts, Amherst, M.A. in Economics, work completed 1999, degree conferred 2001. Harvard College, A.B. in History and Science, June 1991.

PUBLISHED AND FORTHCOMING JOURNAL ARTICLES

"Firm-Level Upgrading in Developing Countries." Forthcoming, Journal of Economic Literature.

"Exports and Wage Premia: Evidence from Mexican Employer-Employee Data." With Judith A. Frías, David S. Kaplan, and David Alfaro-Serrano. Forthcoming, *Review of Economics and Statistics*.

"North-South Displacement Effects of Environmental Regulation: The Case of Battery Recycling." With Shinsuke Tanaka and Kensuke Teshima. *American Economic Review: Insights*, v. 4, no. 3, pp. 271-288, Sept. 2022. (Lead article.)

"Enlisting Employees in Improving Payroll-Tax Compliance: Evidence from Mexico." With Todd Kumler and Judith A. Frías. Review of Economics and Statistics, v. 102, no. 5, pp. 881-896, Dec. 2020.

- "Export Destinations and Input Prices." With Paulo Bastos and Joana Silva. *American Economic Review*, v. 108, no. 2, pp. 353-392, Feb. 2018. Selected for *Competitiveness and Globalization* prize by Portuguese Ministry of the Economy.
- "Organizational Barriers to Technology Adoption: Evidence from Soccer-Ball Producers in Pakistan." With David Atkin, Azam Chaudhry, Shamyla Chaudry, and Amit Khandelwal, *Quarterly Journal of Economics*, v. 132, no. 3, pp. 1101-1164, Aug. 2017.
- "On the Origins and Development of Pakistan's Soccer-Ball Cluster." With David Atkin, Azam Chaudhry, Shamyla Chaudry, Amit Khandelwal, and Tariq Raza. *World Bank Economic Review (ABCDE Conference Papers & Proceedings)*, v. 30, no. S1, pp. S34-S41, March 2017.
- "Mark-up and Cost Dispersion across Firms: Direct Evidence from Producer Surveys in Pakistan." With David Atkin, Azam Chaudhry, Shamyla Chaudry, and Amit Khandelwal. *American Economic Review Papers & Proceedings*, v. 105, no. 5, pp. 537-544, May 2015.
- "Exports and Within-Plant Wage Distributions: Evidence from Mexico." With Judith A. Frías and David S. Kaplan. *American Economic Review Papers & Proceedings*, v. 102, no. 3, pp. 435-440, May 2012.
- "Prices, Plant Size, and Product Quality." With Maurice Kugler. *Review of Economic Studies*, v. 79 no. 1, pp. 307-339, Jan. 2012. Previously circulated under the titles "The Quality-Complementarity Hypothesis" and "Product Quality at the Plant Level."
- "Plants and Imported Inputs: New Facts and an Interpretation." With Maurice Kugler. American Economic Review Papers and Proceedings, v. 99 no. 2, pp. 501-507, May 2009.
- "Class-Size Caps, Sorting, and the Regression-Discontinuity Design." With Miguel Urquiola. *American Economic Review*, v. 99 no. 1, pp. 179-215, March 2009. Previously circulated under the title "Class Size and Sorting in Market Equilibrium."
- "Trade, Quality Upgrading, and Wage Inequality in the Mexican Manufacturing Sector." *Quarterly Journal of Economics*, vol. 123, no. 2, pp. 489-530, May 2008. Reprinted in <u>Trade and Inequality</u>, ed. Pinelopi Koujianou Goldberg, Oxford University Press, 2015.
- "Fairness and Freight-Handlers: Local Labor Market Conditions and Wage-Fairness Perceptions in a Trucking Firm." With S. V. Burks and J. P. Carpenter. *Industrial and Labor Relations Review*, vol. 60, no. 4, pp. 477-498, July 2007.
- "Comparing Students to Workers: The Effects of Social Framing on Behavior in Distribution Games." With J. P. Carpenter and S. V. Burks. In J. P. Carpenter, G. Harrison, and J. List eds., *Research in Experimental Economics, vol. 10*. Amsterdam, Boston: JAI/Elsevier, 2005.
- "The Effect of Stakes in Distribution Experiments." With S. V. Burks and J. P. Carpenter. *Economics Letters*, vol. 86, no. 2, pp. 393-8, Feb. 2005.
- "Playing Both Roles in the Trust Game." With S. V. Burks and J. P. Carpenter. *Journal of Economic Behavior and Organization*, vol. 51, no. 2, pp. 195-216, June 2003.

OTHER PUBLICATIONS

"Barriers to Upgrading in Developing Countries." VoxDev & Ideas 4 India, Sept. 2022.

- Development, Distribution, and Markets. Co-edited with Kaushik Basu, Maitreesh Ghatak, Kenneth Kletzer, and Sudipto Mundle. Oxford University Press, 2021.
- "Interventions to Promote Technology Adoption in Firms: A Systematic Review." With David Alfaro-Serrano, Tanay Balantrapu, Ritam Chaurey, and Ana Goicoechea. *Campbell Systematic Reviews*, vol. 17, no. 4, Dec. 2021.
- "Innovation in Pakistan's Soccer Ball Industry: Barriers to Adoption." With R. A. Farrokhnia and Amit Khandelwal. CBS Case 180311. June 2018.
- "Upgrading Outputs Means Upgrading Inputs." With Paulo Bastos and Joana Silva. VoxDev, Feb. 2018.
- "Incentivising Technology Adoption in Pakistani Firms." With David Atkin, Azam Chaudhry, and Amit Khandelwal. VoxDev, Nov. 2017.
- "Improving Payroll-Tax Compliance Through Decentralized Monitoring," VoxDev. June 2017.
- "How Labor Standards Can Be Good for Growth." Harvard Business Review (online), April 27, 2016.
- "Estructura Industrial e Innovación: Notas para una Nueva Estrategia de Desarrollo Industrial en México." [Industrial Structure and Innovation: Notes Toward a New Strategy for Industrial Development in Mexico.] *Boletin Informativo Techint,* Edición Especial, Oct. 2013.
- "Diferencias de Precios de los Insumos de Origen Nacional y Extranjero en la Industria Colombiana." With Gilma Beatriz Ferreira Villegas, Maurice Kugler, Germán Pérez Hernández, and Luis Miguel Suarez Cruz. *Revista ib de la Información Básica*, vol. 1, no. 1, pp. 72-84, Dec. 2011.
- Comment on "The Effect of Mexican Workforce Migration on the Mexican Maquiladora Labor Market," by Scott E. Atkinson and Marilyn Ibarra, *Economía*, vol. 8, no. 1, Fall 2007.
- Comment on "Globalization, Migration and Development: The Role of Mexican Migrant Remittances," by Ernesto López-Córdova. *Economía*, vol. 6, no. 1, Fall 2005.

WORKING PAPERS

"Estimating Production Functions in Differentiated-Product Industries with Quantity Information and External Instruments." With Nicolás de Roux, Marcela Eslava and Santiago Franco. Dec. 2020.

GRANTS

King Climate Action Initiative Grant, "How Do Managers' Beliefs about New Technologies Evolve?," 2020-2026. International Growth Centre Grant, "How Do Managers' Beliefs about New Technologies Evolve?," 2020-2022. Private Enterprise Development in Low-Income Countries (PEDL) Exploratory Research Grant, "How Do

Managers' Beliefs about New Technologies Evolve?," 2020-2022.

- Columbia University President's Global Innovation Fund Grant, "Evaluating an Export Promotion Scheme in Tunisia," 2019-2021.
- Private Enterprise Development in Low-Income Countries (PEDL) Exploratory Research Grant, "Outcome-Based Incentives in Export Markets," 2018-2019.
- Innovation Growth Lab (IGL) Grant for "Promoting High Impact Entrepreneurship in Mexico: An Impact Evaluation," 2017-2020.
- Private Enterprise Development in Low-Income Countries (PEDL) Major Research Grant, "What Are the Barriers to Industrial Upgrading?," 2013-2020.
- Columbia University President's Global Innovation Fund Planning Grant, "Industrial Upgrading in Brazil," 2013-2015.

International Growth Centre Grant, "Spillovers in Technology Adoption," 2011-2014.
NSF SES-0721068, "Exports and Wage Premia," Principal Investigator, 2007-2010
Columbia University PER Seed Grant, Nov. 2006
Columbia University PER Seed Grant, Nov. 2004
UC Institute for Mexico and the United States (UC MEXUS) Dissertation Grant, 2002-2004
UC Institute for Labor and Employment Dissertation Fellowship, 2002-2003
UC Berkeley Department of Economics Continuing Student Fellowship, 2002-2003
Social Science Research Council International Pre-Dissertation Fellowship, 2001-2002
MacArthur Foundation Research Network on the Costs of Inequality Fellowship, 2000-2001
MacArthur Foundation Norms and Preferences Network Grant, "Truckers and Trust" (with Stephen V. Burks and Jeffrey P. Carpenter), 1999.

UC Berkeley Department of Economics Block Grant Fellowship, 1999-2000 Brookings Research Fellowship, The Brookings Institution, 1998-1999 University of Massachusetts-Amherst Graduate Fellowship, 1995-1997

AWARDS AND HONORS

Keynote addresses:

- Master Lecture, NBER DEV Summer Institute Meeting, July 2022.
- Smart Economic Planning and Industrial Policy (SEPIP) Conference, Ankara, Oct. 2019.
- World Bank Firm Up Performance Conference, Athens, Sept. 2019.
- NOVAFRICA/World Bank/Banco de Portugal Workshop on Globalization and Development, Lisbon, June 2017.
- IGC-SCID Conference on Firms, Trade and Development, Stanford, Nov. 2016.
- Rimini Center for Economic Analysis Growth and Development Workshop, May 2015.
- NAFTA at 20: Effects on the North American Market conference, Houston, June 2014.
- Italian Trade Study Group Workshop Ancona, Italy, June 2013.
- Challenges and Realities of Industrial Growth in Mexico conference, Monterrey, Mexico, Sept. 2012.
- Plenary address at International Growth Centre Growth Week conference, Sept. 2012.

Brimmer Visiting Professorship, Department of Economics, University of Washington, Nov. 2019.

Competitiveness and Globalization prize from Portuguese Ministry of the Economy, for paper "Export Destinations and Input Prices" with Paulo Bastos and Joana Silva.

SIPA Award for Outstanding Teaching, April 2018.

SIPA "Top Five" Teaching Award, Oct. 2015.

SIPA Award for Outstanding Teaching, May 2007.

Finalist, Columbia University Presidential Teaching Award (one of 12 university-wide), Feb. 2007.

Best Advisor Award, Columbia Association of Graduate Economics Students (AGES), April 2010.

Best Advisor Award, Runner-up or Co-runner-up, Columbia Association of Graduate Economics Students (AGES), 2006, 2007, 2008, 2009.

W. E. Upjohn Institute for Employment Research Dissertation Award, 2004.

Industrial Relations Research Association Best Dissertation Competition, 2004.

Journal of Development Economics Award, 2002.

Excellence in Refereeing Award, American Economic Review, 2007-2008 & 2018.

OTHER PROFESSIONAL ACTIVITIES

Non-resident Senior Fellow, The Brookings Institution, 2019-2021.

Executive Committee, Latin American and Caribbean Economic Association (LACEA), 2016-2019.

Visiting Scholar, Russell Sage Foundation, 2018-2019.

Visitor, New York Federal Reserve Bank, Spring 2014.

Visiting Researcher, Pontificia Universidade Católica do Rio de Janeiro (PUC-Rio), 2014.

Visiting Associate Researcher, Department of Economics, University of California, Berkeley, Fall 2013.

Visiting Scholar, Department of Economics and Abdul Latif Jameel Poverty Action Lab, MIT, Spring 2008. Visiting Research Scholar, Center for Health and Well-Being, Woodrow Wilson School of Public and

International Affairs, Princeton University, Fall 2007.

- Affiliate, Innovations for Poverty Action Small and Medium Enterprise (IPA-SME) Program, Aug. 2011-present. Academic Advisor, Dec. 2020-present.
- Member, American Economic Review Board of Editors, Jan. 2011-Dec. 2016.
- Fellow, Center for Economic Research in Pakistan (CERP), Nov. 2014-present.
- Member of Evaluation Committee, Private Enterprise Development in Low-Income Countries (PEDL) Initiative, 2011-2013.
- Co-Organizer, NBER International Trade and Investment Program Summer Meeting, 2012 and 2013.
- Program Committee, NBER Development Program Meetings, Dec. 2016, Nov. 2020.
- Program Committee, Bureau for Research and Economic Analysis of Development (BREAD), April 2013, May 2015, May 2018.
- Program Committee, Centre for Economic Policy Research Development Economics conference, Nov. 2021. Faculty Advisory Committee, Columbia Global Center – Tunis, Oct. 2020-present.
- Instructor, Universidad de Los Andes Summer School, Bogotá, Colombia, July 2014.
- Member of Editorial Board, Industrial Relations: A Journal of Economy & Society, Oct. 2011-present.
- Member, Panel of Economía: Journal of the Latin American and Caribbean Economic Association, Nov. 2006-Nov. 2008.
- Faculty Associate, Center on Global Economic Governance, School of International and Public Affairs, Columbia University.
- Senior Scholar, Chazen Institute of International Business, Columbia University Graduate School of Business, Dec. 2009-present.
- Member, Board of Directors, New York Census Research Data Center, Sept. 2012-Sept. 2013.
- Member of Advisory Board, Trade, Integration and Growth Network (TIGN), Latin American and Caribbean Economic Association, June 2011-present.
- Senior Fellow, Rimini Center for Economic Analysis, Oct. 2015-present.
- Research Fellow, Centro de Investigación Económica, Instituto Tecnológico Autónomo de México (ITAM), Oct. 2006-present.
- Lecturer, BREAD/CEPR/Verona 2008 Summer School in Development Economics
- Visiting Researcher, El Colegio de México, Mexico City, Spring 2002.
- Participant, Russell Sage Foundation Summer Institute in Behavioral Economics, 2000.
- Member: American Economic Association, Latin American and Caribbean Economic Association.
- Editorial Coordinator and Co-author, *Common-Sense Economics*, study-group curriculum developed by the Center for Popular Economics and UMass Labor Center, Amherst MA, 1997.
- Referee: American Economic Journal: Applied Economics, American Economic Journal: Microeconomics, American Economic Review, American Economic Review: Insights, Canadian Journal of Economics, Econometrica, Economía, Economic and Social Research Council (UK), Economic Development and Cultural Change, Economic Journal, Economics Letters, Industrial Relations, International Economic Review, Journal of African Economies, Journal of Development Economics, Journal of Development Studies, Journal of Economic Literature, Journal of International Economics, Journal of Labor Economics, Journal of Political Economy, Journal of the Association of Environmental and Resource Economists, Journal of the European Economic Association, Labour Economics, Labore Journal of Economics, MIT Press, National Science Foundation, Quarterly Journal of Economics, Review of Economic Studies, Review of Economics and Statistics, Review of Industrial Organization, Russell Sage Foundation, Social Sciences and Humanities Research Council of Canada, Review of World Economics/Weltwirtschaftliches Archiv, World Bank Economic Review, World Development.

DISSERTATIONS SUPERVISED

Student:	Date:	Initial placement:
Kim Fe Cramer (reader)	May 2022	LSE Finance
Louise Guillouët (sponsor)	May 2022	OECD
Dario Romero (reader)	May 2022	NYU-Abu Dhabi post-doc

Scott Weiner (co-sponsor) Lorenzo Pessina (reader) Suanna Oh (co-sponsor) David Alfaro-Serrano (co-sponsor) Ana Varela (SIPA, reader) Lorenzo Lagos (reader) Qiuying Qu (sponsor) Golvine de Rochambeau (sponsor) Nandita Krishnaswamy (sponsor) Nandita Krishnaswamy (sponsor) Nicolás de Roux (sponsor) Yogita Shamdasani (sponsor) Matthieu Bellon (reader) Paul Piveteau (reader) Jan von der Goltz (SIPA, co-sponsor) Matthew Flagge (sponsor) Prabhat Barnwal (SIPA, reader) Todd Kumler (sponsor) Ran Huo (reader) Raul Sanchez de la Sierra (co-sponsor) Joan Monrás (co-sponsor) Ritam Chaurey (sponsor) Anna Tompsett (SIPA, sponsor) Giovanni Paci (sponsor) Jonathan Dingel (reader) Ama Baafra Abeberese (sponsor) Jonathan Dingel (reader) Ama Baafra Abeberese (sponsor) WooRam Park (reader) Tao Li (reader) Patrick Asuming (reader) W. Walker Hanlon (co-sponsor) Reed Walker (reader) Joshua Greenfield (reader) Beliyou Haile (reader) Beliyou Haile (reader)	July 2021 May 2021 April 2020 April 2020 June 2020 March 2020 May 2019 May 2018 May 2018 May 2018 May 2017 May 2017 May 2017 May 2017 May 2016 April 2016 March 2016 Nov. 2015 Oct. 2014 Oct. 2014 May 2013 May 2013 May 2013 May 2013 April 2013 April 2013 April 2013 May 2012 May 2012 Sept. 2011 May 2011 Oct. 2010	Federal Housing Finance Agency ZEW Mannheim post-doc Paris School of Economics Cornerstone Research University of Amsterdam Brown University Capital One Sciences Po USC-Dornsife post-doc Universidad de Los Andes University of Pittsburgh IMF Johns Hopkins-SAIS World Bank Commodity Futures Trading Commission Michigan State University Cornerstone Research JPMorgan Chase UC Berkeley - Haas Sciences Po SUNY - Binghamton Stockholm University Post-doc, Glimcher Lab, NYU Chicago - Booth Wellesley College Korea Development Institute Warwick Business School NYU - Abu Dhabi Boston College University of Ghana UCLA UC Berkeley - Haas PricewaterhouseCoopers IMPAQ International IMF Stockholm School of Economics
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Joshua Greenfield (reader) Beliyou Haile (reader)	May 2012 Sept. 2011 May 2011	PricewaterhouseCoopers IMPAQ International IMF

RECENT PAID OUTSIDE PROFESSIONAL ACTIVITIES

Private Enterprise Development in Low-Income Counties (PEDL), commission for synthesis paper, 2019-20. World Bank, Consultant, July 2015, Nov. 2017-present. University of Washington, Brimmer Visiting Professorship, Department of Economics, Nov. 2019. International Monetary Fund, Instructor, Institute for Capacity Development, Feb. 2018. Inter-American Development Bank, Consultant, Dec. 2017. International Growth Centre, Research Program Director, May 2009-present.

EMPLOYMENT BEFORE ACADEMICS

Math Teacher (through Teach for America program), Lynwood High School, Lynwood CA, 1991-1992; Pasadena High School, Pasadena CA, 1992-1993.

Labor Organizer, SEIU 1199 WV/KY/OH: The Health Care Workers' Union, Columbus OH, 1993-1994. Editorial Intern, The Nation Magazine, New York NY, 1995; CrossRoads Magazine, Berkeley CA, 1994. Researcher, National Labor Committee in Support of Human and Worker Rights, New York NY, 1995.

LANGUAGES

English (native), Spanish (fluent), Italian (fluent), French (proficient).

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