

MAXIMO TORERO, Ph.D.

Food and Agriculture Organization
Room B-532. Ciale delle Terme di Carcalla
00153-Rome

Ph. +1 202 361 8185
Email: mtorero67@gmail.com
<http://maximotorero.com>

Current Position

Assistant Director General for Economic and Social Development at the Food and Agriculture Organization of the United Nations (FAO), Rome, Italy (January 2019- Present).

Education

Post Doctorate in 1999 at University of California at Los Angeles, Institute of Social Science Research.

Ph.D. received September 1998, University of California at Los Angeles, Department of Economics.

M.A. received September 1993, University of California at Los Angeles, Department of Economics.

Publications¹

In Peer-Reviewed Journals

(with Sandip Mitra, Dilip Mookherjee, and Sujata Visaria). (2018). Asymmetric Information and Middleman Margins: An Experiment with West Bengal Potato Farmers. *The Review of Economics and Statistics*, MIT Press, vol. 100(1), pp. 1-13, March.
http://dx.doi.org/10.1162/REST_a_00699

(with Zhang, Jian; Jin, Songking and Tao, Li). (2018). Teachers, Compensation, and Urban-Rural Gaps in Education Outcomes. *American Journal of Agricultural Economics* (AJAE). Amer. J. Agr. Econ. 0(0): 1–17. <https://doi.org/10.1093/ajae/aay009>

(with Martins-Filho and Yao). (2018). Nonparametric estimation of conditional value-at-risk and expected shortfall based on Extreme Value theory. *Econometric Theory*, Cambridge University Press, vol. 34(01), pp. 23-67, February.

(with Hernandez, M). (2018). A poverty-sensitive scorecard to prioritize lending and grant allocation: Evidence from Central America. Food Policy. *Food Policy*, Elsevier, vol. 77(C), pp. 81-90.

¹ Google Scholar: 9458 citations (H-index 42, I10-Index 114); REPEC: top 5% in all related productivity and citation measures.

- (with Andre Devaux Andre, André Devaux, Jason Donovan and Douglas Horton). (2018). Agricultural Innovation and Inclusive Value-Chain Development: A Review. *Journal of Agribusiness in Developing and Emerging Economies*, Vol. 8, No. 1, 2018.
- (with Manuel Barron). (2017). Household Electrification and Indoor Air Pollution, *Journal of Environmental Economics and Management*, Elsevier, vol. 86(C), pp. 81-92.
- (with Miguel Almanzar). (2017). Distributional Effects of Growth and Public Expenditures in Africa: Estimates for Tanzania and Rwanda. *World Development*, Vol. 95, pp. 177–195, 2017.
- (with Nakasone, Eduardo). (2016). A Text Message Away: ICTs as a Tool to Improve Food Security. *Agricultural Economics*. Agricultural Economics, International Association of Agricultural Economists, vol. 47(S1), pp. 49-59, November.
- (with Chong, Alberto, Isabelle Cohen, Erica Field, Eduardo Nakasone). (2016). “Are There Nutrient-based Poverty Traps? Evidence on Iron Deficiency and Schooling Attainment in Peru”. *American Economic Journal: Applied Economics*, 8(4): 222-255.
<http://dx.doi.org/10.1257/app.20140494>
- (with Tanguy Bernard). (2015). Social Interaction Effects and Connection to Electricity: Experimental Evidence from Rural Ethiopia. *Economic Development and Cultural Change* (EDCC), Vol. 63, No. 3, April 2015.
- (with Angelino Viceisza). (2015). To Remit or Not to Remit, That Is the Question: A Remittance Field Experiment. *Journal of Economic Behavior & Organization*, 112 (2015), pp. 221–236
- (2015). "The Impact of Rural Electrification: Challenges and Ways Forward," *Revue d'économie du développement, De Boeck Université*, vol. 23(HS), pp. 49-75.
- (2015). "L'impact de l'électrification rurale : enjeux et perspectives," *Revue d'économie du développement, De Boeck Université*, vol. 23(3), pp. 55-83.
- (with Martins-Filho and Yao). (2014). High Order Conditional Quantile Estimation Based on Nonparametric Models of Regression. *Econometric Reviews*. Taylor & Francis Journals, vol. 34(6-10), pp. 907-958, December.
- (with Angelino Viceisza). (2014). Potential Collusion and Trust: Evidence from a Field Experiment in Vietnam. *African Journal of Agricultural and Resource Economics*, Vol 11, Issue 1,11.
- (with Ekin Birol & Bhushana Karandikar & Devesh Roy). (2015). "Information, Certification and Demand for Food Safety: Evidence from an In-store Experiment in Mumbai," *Journal of Agricultural Economics*, Wiley Blackwell, vol. 66(2), pp. 470-491, June.
- (with Saenger, Christopher and Qaim, Martin). (2014). Impact of Third-Party Enforcement of Contracts in Agricultural Markets – A Field Experiment in Vietnam. Forthcoming *American Journal of Agricultural Economics*. Amer. J. Agr. Econ. 1–19; doi: 10.1093/ajae/aau021

(with Nakasone, Eduardo, and Bart Minten). (2014). The Power of Information: the ICT Revolution in Agricultural Development. *Annual Review of Resource Economics*, Vol. 6 pp. 533-550, October.

(with Marco Castillo, Ragan Petrie and Angelino Viceisza). (2014). Lost in the Mail: A Field Experiment on Crime. *Economic Enquiry*, Vol. 52. Issue 1, pp. 285-303.

(with Manuel Hernandez). (2014). Parametric versus nonparametric methods in risk scoring: An application to microcredit. *Empirical Economics*, Volume 46, Issue 3 (2014), pp. 1057-1079.

(with Marco Castillo, Ragan Petrie, and Lise Vesterlund). (2013). Gender Differences in Bargaining Outcomes: A Field Experiment on Discrimination. *Journal of Public Economics*, Elsevier, vol. 99(C), pp. 35-48.

(with Saenger, Christopher; Qaim, Matin; Viceisza). (2013). Contract farming and smallholder incentives to produce high quality: experimental evidence from the Vietnamese dairy sector. *Agricultural Economics*, Volume 44, Issue 3, May 2013, pp. 297–308

(with Hernandez, Manuel). (2013). Market Concentration and Pricing Behavior in the Fertilizer Industry: A Global Approach. *Agricultural Economics*, International Association of Agricultural Economists, vol. 44(6), pp. 723-734, November.

(with Moreno, M; Nopo, H; and Saavedra, J). (2012). Detecting Gender and Racial Discrimination in Hiring through Monitoring Intermediation Services: The Case of Selected Occupations in Metropolitan Lima, Peru. *World Development*. 2012, 40 (2), 315-328.
<http://www.sciencedirect.com/science/article/pii/S0305750X11001306>

(with Field, E., and A. Ambrus). (2010). Muslim Family Law, Prenuptial Agreements and the Emergence of Dowry in Bangladesh. *The Quarterly Journal of Economics*, Vol 125, Issue 3

(with Marco Castillo & Ragan Petrie). (2010). On the Preferences of Principals and Agents. *Economic Inquiry*. Vol 48, No.2, April 2010, pp. 266-273. Published online on October 8, 2009.

(with Miguel Robles). (2010). Understanding the Impact of High Food Prices in Latin America. *Economia*, Volume 10, Number 2, Spring 2010, pp. 117-164

(with Manuel Hernandez). (2010). Examining the Dynamic Relationship between Spot and Futures Prices of Agricultural Commodities. *Commodity Market Review*, 2009-2010, pp.47-87.

(with Erica Field & Omar Robles). (2009). Iodine Deficiency and Schooling Attainment in Tanzania. *American Economic Journal: Applied Economics*, 1(4): 140–69. Previously published as NBER Working Paper No. 13838.

(with Chong, Alberto & Virgilio Galdo). (2009) Access to Telephone and Household Income in Poor Rural Areas using a Quasi-Natural Experiment. *Economica*, Vol 76, Issue 304, pp. 623-648.

(with Joachim von Braun). (2009). Exploring the Price Spike. *Choices*, 1st Quarter 2009, 24(1).

(with Eduardo Maruyama and Maribel Elias). (2009). Tipología de micro-regiones de las áreas rurales de Ecuador: Aplicaciones de fronteras estocásticas de utilidades agrícolas. *Finanzas Públicas*, Volumen 1, No. 2, Segundo Semestre del 2009.

(with Joachim von Braun). (2009). Grappling with Grain Prices. *OECD Observer*, No 274, October 2009.

(with Ñopo, Hugo & Saavedra, Jaime). (2007). Ethnicity and Earnings in a Mixed Race Labor Market. *Economic Development and Cultural Change*, Vol. 55, No. 4. (4): 709-734.

(2007). Comments to “Stratification and public utility services in Colombia: Subsidies to households or distortion of housing prices.” *Economía*, 7(2): 87-96.

(with Javier Escobal). (2005). Measuring the Impact of Asset Complementarities: The Case of Rural Peru. *Cuadernos de Economía*, 42. pp. 1-26.

(with Enrique Schroth and Alberto Pasco Font). (2004). The Impact of Telecommunications Privatization in Peru on the Welfare of Urban Consumers. *Economía*, 4 (1).

(with Virgilio Galdo and Shyamal Chowdhury). (2003). Willingness to Pay for the Rural Telephone Service in Bangladesh and Peru. *Information Economics and Policy*, Vol. 15 (3), pp. 327-361.

(with Lynne Zucker and Michael Darby). (2002). Labor Mobility from Academe to Commerce of U.S. Bio-Star Scientists. *Journal of Labor Economics*, 20 (3), pp. 629-60.

(with Javier Escobal and Jaime Saavedra). (2000). The Private, Public and Organizational Assets of the Poor in Perú. *Trimestre Económico*, Vol LXVI(3), N(263), pp. 619-659.

Books

(with Kalkuhl, M. and J. von Braun). 2016. Food Price Volatility and its Implications for Food Security and Policy. Springer. <http://www.springer.com/us/book/9783319281995>

(with André Devaux, Jason Donovan, and Douglas Horton). 2016. Innovations for Inclusive Value-Chain Development. Successes and Challenges. IFPRI Book. October 2016.

(with Klaus von Grebmer, Claudia Ringler, Mark W. Rosegrant, Tolulope Olofinbiyi, Doris Wiesmann, Heidi Fritschel, Ousmane Badiane, Yisehac Yohannes, Jennifer Thompson, Constanze von Oppeln, Joseph Rahall). 2012. Global Hunger Index. The Challenge of Hunger: Ensuring Sustainable Food Security under Land, Water and Energy Stresses. IFPRI, Washington DC.

(with Klaus von Grebmer, Tolulope Olofinbiyi, Doris Wiesmann, Heidi Fritschel, Yisehac Yohannes, Constanze von Oppeln, and Lilly Schofield). 2011. Global Hunger Index. The Challenge of Hunger: Taming Price Spikes and Excessive Food Price Volatility. IFPRI, Washington DC.

(with Felipe Barrera-Osorio, Virgilio Galdo, Ernesto Schargrotsky, Sebastián Galiani, Martín González Rozada, Eduardo Nakasone, Alberto E. Chong, Elizabeth Coombs & Martín Gonzalez-Eiras). 2008. "Privatization for the Public Good?: Welfare Effects of Private Intervention in Latin America," IDB Publications (Books), Inter-American Development Bank, number 324 edited by Alberto E. Chong, August.

(with P. Arregui, E. Zegarra, V. Minaya, J. Escobal, C. Ponce, M. Glave, J. Kuramoto, L. Alcázar, M. Jaramillo, H. Ñopo, JJ. Díaz, N. Birdsall, R. Menezes, J. Deustua, M. Hernández, S. Cueto, M. Benavides, E. Pollit, J. León, M. Valdivia, N. Valdivia). 2007. Investigación, Políticas y Desarrollo en el Perú. Lima, GRADE, 668pp.

(with von Braun, Joachim). 2006. Information and Communications Technology for Development and Poverty Reduction. Johns Hopkins University Press Series, Maryland.

(with Maria Victoria Murillo & Carmen Urizar H. & Jaime Saavedra-Chanduví & Naercio Aquino Menezes-Filho & Renato Ravina & Gabriela Fachola & Juan Sanguinetti & Elaine Pazello & Peter Kuhn & Sigfrido Lée). 2005. "What Difference Do Unions Make?: Their Impact on Productivity and Wages in Latin America," IDB Publications (Books), Inter-American Development Bank, number 327 edited by Gustavo Márquez & Peter Kuhn, August.

(with Florencio López-de-Silanes, Pablo Serra, Paul Gertler, Ernesto Schargrotsky, Francisco Anuatti, Sebastián Galiani, Alberto E. Chong, Carlos Pombo, Federico Sturzenegger, Carlo Pombo). 2005. "Privatization in Latin America: Myths and Reality," IDB Publications (Books), Inter-American Development Bank, number 348 edited by Alberto E. Chong & Florencio López-de-Silanes, August.

(with Carolina Trivelli, Felipe Portocarrero, et.al). 2004. "Mercado y Gestion de Microcrédito en el Perú." Consorcio de Investigación Económica y Social, Lima, Peru.

(with María Eugenia Genoni & Margarita Sánchez & Jaime Saavedra-Chanduví & Suzanne Duryea & Richard Parker & Peter Aggleton & Mayra Buvinic & Ernest Massiah & Omar Arias & Hugo R. Ñopo & Jacqueline Mazza). 2004. "Social Inclusion and Economic Development in Latin America," IDB Publications (Books), Inter-American Development Bank, number 439 edited by Ruthanne Deutsch & Juliana Pungiluppi & Mayra Buvinic & Jacqueline Mazza, August.

(with Miguel Robles, Jaime Saavedra, Nestor Valdivia and Juan Chacaltana). 2001. Estrategias y Racionalidad de la Pequeña Empresa. OIT, Lima 2001.

(with Orazio P. Attanasio & Miguel Székely & George Gray-Molina & Wilson Jiménez & Ernesto Pérez de Rada & Ernesto Yáñez & Marcelo Côrtes Neri & Edward Joaquim Amadeo & Alexandre Pinto Carvalho & Dante Contreras). 2001. "Portrait of the Poor: An Assets-Based Approach," IDB Publications (Books), Inter-American Development Bank, number 322 edited by Miguel Székely & Orazio P. Attanasio, August.

(with Patricia Arregui). 1999. Science and technology Indicators for Latin America. GRADE, Lima. 118pp.

Book Chapters

(with Eduardo Nakasone). (2019). Soap Operas for Female Micro Entrepreneur Training. In: Chong, Alberto. Information Technologies in Latin America, Anthem Press (forthcoming).

(2018). Fallas del mercado y la vinculación de las cadenas de valor de los pequeños agricultores a los mercados. In: Centro Internacional de la Papa (2018). SEPIA XVII Mesa Temática. Experiencias latinoamericanas de aplicación del enfoque de cadenas de valor inclusivas. Editores: Miguel Ordinola, Douglas Horton. Lima (Perú). Centro Internacional de la Papa. (ISBN 978-92-9060-489-1), Chapter 1, pp. 23-45.

(with Kalkuhl, M., J. von Braun). (2016). Volatile and Extreme Food Prices, Food Security, and Policy: An Overview. In: Kalkuhl, M., J. von Braun, M. Torero (2016). Food Price Volatility and its Implications for Food Security and Policy. Springer. (ISBN 978-3-319-28199-5). <http://www.springer.com/us/book/9783319281995>, Chapter 1, pp. 3-34.

(2016). Alternative Mechanisms to Reduce Food Price Volatility and Price Spikes: Policy Responses at the Global Level. In: Kalkuhl, M., J. von Braun, M. Torero (2016). Food Price Volatility and its Implications for Food Security and Policy. Springer. (ISBN 978-3-319-28199-5). <http://www.springer.com/us/book/9783319281995>, Chapter 6, pp. 115-138.

(with Carlos Martins-Filho). (2016). Relative Prices of Food and the Volatility of Agricultural Commodities: Evidence for a Panel of Developing Economies. In: Kalkuhl, M., J. von Braun, M. Torero (2016). Food Price Volatility and its Implications for Food Security and Policy. Springer. (ISBN 978-3-319-281995). <http://www.springer.com/us/book/9783319281995>, Chapter 11, pp. 239-268.

(2016). Consistency Between Theory and Practice in Policy Recommendations by International Organizations for Extreme Price and Extreme Volatility Situations. In: Kalkuhl, M., J. von Braun, M. Torero (2016). Food Price Volatility and its Implications for Food Security and Policy. Springer. (ISBN 978-3-319-28199-5). <http://www.springer.com/us/book/9783319281995>, Chapter 19, pp. 457-512.

(with Saenger, Christoph & Qaim, Matin). (2016). "Impact of third-party enforcement of contracts in agricultural markets — A field experiment in Vietnam," IFPRI book chapters, in: Innovation for inclusive value-chain development: Successes and challenges, Chapter 11, pp. 343-374 International Food Policy Research Institute (IFPRI).

(2016). Reducing Food Loss and Waste. IFPRI book chapters, in: 2016 Global Food Policy Report, Chapter 3, pp 22-31 International Food Policy Research Institute (IFPRI).

(with Lucia Madrigal). (2016). "Using quantitative tools to measure gender differences within value chains," IFPRI book chapters, in: Innovation for inclusive value-chain development: Successes and challenges, Chapter 14, pp. 441-464 International Food Policy Research Institute (IFPRI).

- (with Ousmane Badiane, Tsitsi Makombe, Julia Collins, Nadim Khouri, Clemens Breisinger, Kamiljon T. Akramov, Allen Park, Pramod Kumar Joshi, Akhter U. Ahmed, Stephen Davies, Anjani Kumar). (2016). "Regional developments," IFPRI book chapters, in: 2016 Global Food Policy Report, Chapter 9, pp. 80-107 International Food Policy Research Institute (IFPRI).
- (2014). Targeting Investments to Link Farmers to Markets: A Framework for Capturing the Heterogeneity of Smallholder farmers. In: *New Directions for Smallholder Agriculture*. Peter Hazell, et al. Oxford University Press.
- (with M. Hernandez). (2013). Poverty-Sensitive Scorecards to Prioritize Lending and Grant Allocation with an Application in Central America. In: *Finance for Food Towards New Agricultural and Rural Finance*, ed by Doris Kohn, Springer, pp. 263-285.
- (with J. Hoddinott and M. Rosegrant). (2013). "Investments to reduce hunger and undernutrition", in *Global Problems, Smart Solutions* ed. by B. Lomborg (Cambridge, Cambridge University Press).
- (2012). Food Prices: Riding the Rollercoaster. In: 2011 Global Food Policy Report. IFPRI. Washington DC.
- (2010). Trade Policy: Implications for Agronomy. In: *The International Dimension of the American Society of Agronomy: Past and Future*, ed. Bill Payne and John Ryan, American Society of Agronomy. Madison, WI: American Society of Agronomy. pp.67.
- (with Marco Castillo and Ragan Petrie). (2009). "Ethnic and Social Barriers to Cooperation: Experiments Studying the Extent and Nature of Discrimination in Urban Peru." In: Ñopo, Hugo, Chong, Alberto, Moro, Andrea; (2009). *Discrimination in Latin America. An Economic Perspective*. Chapter 2, pp. 13-36. Inter-American Development Bank.
- (with J. Kuramoto). (2009). Public-Private Research, Development, and Innovation in Peru. In: *Fueling Economic Growth: The Role of Public-Private Sector Research in Development*, ed. M. Graha and J. Woo. Rugby, U.K. and Ottawa, Canada: Practical Action Publishing and International Development Research Centre.
- (with J. Deustua and M. Hernandez). (2007). *Abriendo la Caja Negra de las Privatizaciones*. In: *Investigación, Políticas y Desarrollo en el Perú*. pp. 351-402.
- (with Valdivia, N., and M. Benavides). (2007). Exclusión, identidad étnica y políticas de inclusión social en el Perú: el caso de la población indígena y la población afrodescendiente. In *Investigación, Políticas y Desarrollo en el Perú*. pp. 603-656.
- (with Eduardo Nakasone and Lorena Alcazar). (2007). Learning from an Incomplete Electricity Privatization Process in Rural Peru. In: *Privatization for the Public Good? The Social Effects of Privatizations in Latin America*.
- (2006). Telecommunications Privatization: The Case of Peru. In: *Information and Communications Technology for Development and Poverty Reduction*. In: Maximo Torero and Joachim von Braun (Eds). Johns Hopkins University Press Series, Chapter 3, Maryland.

(with Virgilio Galdo). (2006). The Impact of Public Telephones in Rural Areas: The Case of Peru. In: Information and Communications Technology for Development and Poverty Reduction. In: Maximo Torero and Joachim von Braun (Eds). Johns Hopkins University Press Series, Chapter 5, Maryland.

(with Shyamal Chowdhury and Arjun Bedi). (2006). Telecommunications Infrastructure and Economic Growth. In: Information and Communications Technology for Development and Poverty Reduction. In: Maximo Torero and Joachim von Braun (Eds). Johns Hopkins University Press Series, Chapter 2, Maryland.

(with Jaime Saavedra). (2005). Union Density Changes and Union Effects on Firm Performance in Peru. In: Peter Kuhn and Gustavo Marques, "What Difference Do Unions Make? Their Impact on Productivity and Wages in Latin America." IDB, Washington D.C.

(with Javier Escobal). (2005). Adverse geography and differences in welfare in Perú. In: Kanbur, Ravi and A.J. Venables (eds.) Spatial inequality and development. 2005. pp.77-123. Oxford, UK: Oxford University Press.

(with Enrique Scoth and Pasco-Font, Alberto). (2005). Telephone Consumers after the Privatization of Telecommunications in Peru. In: Reality Check: Assessing the Distributional Impact of Privatization. Edited by Nancy Birdsall and John Nellis (2005), Chapter 6, Washington, DC: Center for Global Development.

(2005). Peruvian Privatization: Impacts of Firms Performance. In: Chong, Alberto y Lopez-de Silanes, Florencio. Privatization in Latin America Myths and Reality. Stanford University Press and Washington DC: World Bank. pp. 407-477.

(with Shyamal Chowdhury and Arjun Bedi). (2005). Telecommunications and Economic Growth: Implications for India. In: Ashwani Saith and M. Vijayabaskar (Eds), ICTs and Indian Economic Development, Sage Publications, Chapter 7 (pp.231-264), 2005.

(with Jaime Saavedra). (2004). Labor Market Reforms and their Impacts over Formal Labor Demand and Job Market Turnover: The Case of Peru. In Law and Employment: Lessons from Latin America and the Caribbean. James Heckman and Carmen Pagés. Chicago Press.

(with Erica Field). (2004). Diferencias en el acceso de las mujeres al microcrédito en el Perú e impacto de la tenencia del título de propiedad. In: Trivelli, et.al, Mercado y gestión del microcrédito en el Perú, CIES, 2004.

(with Jaime Saavedra, Hugo Nopo and Javier Escobal). (2004). An Invisible Wall? The Economics of Social Exclusion in Peru. In: Social Inclusion and Economic Development in Latin America. Mayra Buvinic, Jaqueline Mazza and Ruthane Deutsch (Eds.) IDB and Johns Hopkins University Press.

(with Javier Escobal, and Jaime Saavedra). (2001). Distribution, Access and Complementarity: Capital of the Poor in Peru In: Portrait of the Poor: An Assets-Based Approach. Orazio Attanasio y Miguel Székely (Eds.). Latin American Research Network IDB.

(with Juan Jose Diaz, and Jaime Saavedra). (2001). Liberalización de la Balanza de Pagos. Efectos sobre el Crecimiento, el Empleo y la Desigualdad y Pobreza. In: Ganuza, E; Paes de Barros, R; Taylor, L and Vos, R; (Eds.); Liberalización, Desigualdad y Pobreza: América Latina y el Caribe en los 90. Eudeba-Universidad de Buenos Aires, PNUD-Programa de Naciones Unidas para el Desarrollo, CEPAL.

(with Lynne Zucker, and Michael, Darby). (1999). Determinants of Embodied technology Transfer from Stars to Firms: Japan. In: Lynne G. Zucker, Takuma Takahashi, and Michael R. Darby; Knowledge Transfer in Biotechnology in Japan: Comparative Institutional Context and Commercial Success, Chapter 8, 48pp. Submitted for publication by the University of Chicago Press as a National Bureau of Economic Research volume.

Working Papers Submitted to Academic Journals

(with Barron, Manuel). 2019. "Household Electrification and Labor Supply: Experimental Evidence from El Salvador." Submitted to The Quarterly Journal of Economics.

(with Castillo, Marco and Petrie, Reagan). 2019. "Causal Evidence that Perinatal Conditions Affect the Risk Preferences of Adults." Submitted to Journal of Political Economy.

(with Castillo, Marco and Petrie, Reagan). 2018. "The Long-Lasting Effects of Political Violence on Risk Preferences."

(with Pender, John). 2018. "Economic Impacts, Costs, and Benefits of Infrastructure Investment." A Review of the Literature. ERS.

(with Barron, Manuel). 2018. "Long Term Effects of Electrification on Labor Supply: Experimental Evidence from El Salvador."

(with Castillo, Marco, Chenna Reddy Cotla, and Ragan Petrie), 2018. "Understanding the Risk Preferences of the Poor."

(with Nakasone, Eduardo). 2018. "Agricultural Extension through Information Technologies in Schools: Do the Cobbler's Parents go Barefoot?"

(with Manuel Barron). 2018. "Electricity Adoption and Household Energy Use: Experimental Evidence from Northern El Salvador."

(with Schuster, Monica & Delgado, Luciana). 2018. "The Reality of Food Losses: A New Measurement Methodology."

(with Castillo, Marco and Petrie, Reagan). 2018. "Gender differences in risk preferences of entrepreneurs."

(with Castillo, Marco, Roberto Mosquera Moyano, and Ragan Petrie). 2017. "Salience in the Field: Experimental Evidence of Attention Bias in Risk Tasks."

(with Miguel Almanzar). 2017. "Media Coverage and Food Commodities: Agricultural Futures Prices and Volatility Effects," Discussion Papers 264781, University of Bonn, Center for Development Research (ZEF).

(with Chong, Alberto, & Manuel Hernandez). 2016. "Privatization and Adverse Selection."

(with Chong, Alberto & Eduardo Nakasone). 2016. "Privatization and Discrimination."

(with Chong, Alberto & Florencio Lopez-de-Silanes). 2016. "What Happens with Workers After Privatization?"

(with Almanzar, M and Nakasone, E. 2016. "Impact Evaluation of MCC Connectivity Project in El Salvador: The Northern Transnational Highway." Impacts estimates using Panel Data from 2009 to 2014. Millennium Challenge Corporation (MCC). Washington.

(with Barron, Manuel). 2015. "Fixed Costs, Spillovers, and Adoption of Electric Connections," MPRA Paper 63804, University Library of Munich, Germany.

(with R. Vargas Hill and A. Temu). 2013. "Incentivizing loyalty: Evidence from a market experiment in Tanzania."

(with E. Maruyama and A. Viceisza). 2013. "The Toy Effect: Children's influence on parental behavior. Experimental evidence from Perú."

(with Erica Field). 2010. "Do Property Titles Increase Credit Access among the Urban Poor? Evidence from a Nationwide Titling Program," coauthored with Erica Field from University of Harvard, re-submitted to *The Review of Economics and Statistics*.

(with Castillo, Marco, and Ragan Petrie). 2011. "Beautiful or White? Discrimination in Group Formation," November 2011.

(with Tanguy Bernard). 2011. "Randomizing the 'Last Mile': A Voucher-Based Approach to Impact Evaluation of Infrastructure Projects."

(with Ramon Lopez). 2007. "Economic Growth, the Fiscal Sector, and Income Distribution." World Bank.

Discussion Papers

(with Maruyama, Eduardo & Scollard, Phoebe & Elías, Maribel & Mulangu, Francis & Seck, Abdoulaye, 2018. "Frontier Analysis and Agricultural Typologies." Discussion Papers 270849, University of Bonn, Center for Development Research (ZEF).

(with Delgado, Luciana and Schuster, Monica). 2017. "The Reality of Food Losses: A New Measurement Methodology." Discussion Paper, 1686. Washington, D.C. International Food Policy Research Institute.

<http://ebrary.ifpri.org/utils/getfile/collection/p15738coll2/id/131530/filename/131741.pdf>

(with Miguel Almanzar), 2017. "Media Coverage and Food Commodities: Agricultural Futures Prices and Volatility Effects," Discussion Paper 264781, University of Bonn, Center for Development Research (ZEF).

"Alternative Mechanisms to Reduce Food Price Volatility and Price Spikes." Science Review:SR21. Foresight Project on Global Food and Farming Futures. Government Office for Science. <http://bit.ly/2K2ZdeP>

(with Nakasone, Eduardo). 2016. "Agricultural Extension through Information Technologies in Schools: Do the Cobbler's Parents Go Barefoot?" 2016 Annual Meeting, July 31-August 2, Boston, Massachusetts 236114, Agricultural and Applied Economics Association.

(with Tanguy Bernard). 2011. "Randomizing the 'Last Mile': A Methodological Note on Using a Voucher-Based Approach to Assess the Impact of Infrastructure Projects." Discussion Paper 1078. Washington D.C. International Food Policy Research Institute.

<http://www.ifpri.org/sites/default/files/publications/ifpridp01078.pdf>

(with Manuel Hernandez). 2011. "Fertilizer Market Situation: Market Structure, Consumption and Trade Patterns, and Pricing Behavior." Discussion Paper 1058. International Food Policy Research Institute.

<http://www.ifpri.org/sites/default/files/publications/ifpridp01058.pdf>

(with Manuel Hernandez). 2010. "Examining the Dynamic Relationship between Spot and Future Prices of Agricultural Commodities." Discussion Paper No. 988. Washington, D.C. International Food Policy Research Institute.

<http://www.ifpri.org/sites/default/files/publications/ifpridp00988.pdf>

(with Ekin Birol and Devesh Roy). 2010. "How Safe Is My Food? : Assessing the Effect of Information and Credible Certification on Consumer Demand for Food Safety in Developing Countries." Discussion Paper 1029. Washington, D.C. International Food Policy Research Institute.

<http://www.ifpri.org/sites/default/files/publications/ifpridp01029.pdf>

(with Tanguy Bernard). 2010. "Welfare impact of Rural Electrification, Short-Term Evidence from Ethiopia." Washington, D.C. International Food Policy Research Institute.

(with Jansen, H.G.P., S. Morley, G. Kessler, V. Piñeiro, M. Sánchez). 2007. “The Impact of the Central America Free Trade Agreement on the Central American Textile Maquila Industry,” Discussion Paper no. 720. Washington D.C. International Food Policy Research Institute. <http://www.ifpri.org/pubs/dp/IFPRIDP00720.pdf>

(with Castillo, M. and R. Petrie). 2007. “Social Barriers to Cooperation: Experiments on the Extent and Nature of Discrimination in Peru.” EXCEN Working Paper 2007-01.

(with Alcazar, L. and E. Nakasone). 2007. “Provision of Public Services and Welfare of the Poor: Learning from an Incomplete Electricity Privatization Process in Rural Peru.” IDB Discussion Paper R526. Washington, D.C: Inter-American Development Bank.

(with Alfred J. Field and Erica Field). (2006). Property Rights and crop choice in Rural Peru, 1994- 2004. MTID Discussion paper No. 100. Washington, D.C. International Food Policy Research Institute.

(with Javier Escobal). (2006). Access to Dynamic Markets for Small Commercial Farmers: The Case of Potato Production in the Peruvian Andes. MTID Discussion Paper No. 99. IFPRI.

(with Erica Field). (2005). “Do Property Titles Increase Credit Access Among the Urban Poor? Evidence from a Nationwide Titling Program,” coauthored with Erica Field from University of Harvard, and was accepted at the AER Meetings.

(with Chowdhury, S., and A. Negassa). (2005). Market Institutions: Enhancing the Value of Urban-Rural Links. IFPRI discussion Paper No. 195.

(with Moreno, Martin & Ñopo, Hugo & Saavedra, Jaime). (2004). Gender and Racial Discrimination in Hiring: A Pseudo Audit Study for Three Selected Occupations in Metropolitan Lima, IZA Discussion Papers with number 979.

(with Hugo Nopo and Jaime Saavedra). (2003). Ethnicity and Earnings in Urban Peru. IZA DP No. 980.

(with Javier Escobal). (2003). Adverse Geography and Differences in Welfare in Peru. Torero. WIDER discussion paper No. 2003/73.

(with Orden, David, and Ashok Gulati). (2004). “Agricultural Markets and the Rural Poor,” Draft Background Paper for the OECD Poverty Reduction Network (POVNET) Agriculture Task Force. OECD Internal Document DCD/DAC/POVNET/A(2004)1/RD3.

Policy Briefs

(with Ousmane Badiane, Julia Collins, Yasuo Fujita, David Laborde, Will Martin, Rob Vos and Futoshi Yamasuchi). (2019). Sustainable Prevention of Food Crises in Sub-Saharan Africa. T20 Japan: Cooperation with Africa Policy Brief.
<https://t20japan.org/policy-brief-sustainable-prevention-food-crises-sub-saharan/>

(with Luciana Delgado, Monica Schuster, Geetha Sethi, Eduardo Nakasone and Valeria Piñeiro). (2018). Clarifying the problem of food loss and waste to improve food and nutrition security. T20 Argentina: Food Security and Sustainable Development Task Force Brief. <https://t20argentina.org/publicacion/clarifying-the-problem-of-food-loss-and-waste-to-improve-food-and-nutrition-security/>

(with J. Pender). (2018). Economic Impacts, Costs, and Benefits of Infrastructure Investment – Review of the Literature. USDA Economic Research Service (ERS) and Farm Foundation: Economic Returns to Rural Infrastructure Investment Issue Brief. <https://www.farmfoundation.org/wp-content/uploads/2018/09/PenderToreroIR-FINAL.pdf>

(with Manuel Hernandez). (2018). Promoting Competition in the Fertilizer Industry in Africa: A Global and Local Approach. IFPRI Issues Brief. <https://doi.org/10.2499/9780896293410>

(with Paul Dorosh and Adam Kennedy). (2016). El Niño and Cereal Production Shortfall: Policies for Resilience and Food Security in 2016 and Beyond. IFPRI Policy Brief. <http://dx.doi.org/10.2499/9780896299887>

(with Shenggen Fan and Headey). (2011). Urgent Action Needed to Prevent Recurring Food Crises. IFPRI Policy Brief 16, March 2011. <http://www.ifpri.org/sites/default/files/publications/bp016.pdf>

(with Manuel Hernandez and Miguel Robles). (2011). Beyond the Numbers. How Urban Households in Central America Responded to the Recent Global Crisis. IFPRI Issue Brief 67, January 2011.

(with Ruth Vargas-Hill). (2010). Innovations on Insuring the Poor. 2020 Focus Briefs, IFPRI. <http://dx.doi.org/10.2499/0896296652>

(with Joachim von Braun). (2009). Grappling with Grain Prices. A Three-Pronged Grain Reserve System Could Protect Poor Countries from Volatile Food Prices and Shocks, and Help Respond to Food Emergencies. OECD Observer, October 2009. http://oecdobserver.org/news/archivestory.php/aid/3078/Grappling_with_grain_prices.html

(with Joachim von Braun). (2009). Implementing the Physical and Virtual Food Reserves to Protect the Poor and Prevent Market Failure. IFPRI policy Brief No.10, February 2009, Washington DC. <http://ebrary.ifpri.org/cdm/ref/collection/p15738coll2/id/23801>

(with Joachim von Braun and Miguel Robles). (2009). When Speculation Matters. IFPRI Issues Brief No. 57. February 2009. Washington DC. <http://ebrary.ifpri.org/cdm/ref/collection/p15738coll2/id/32141>

(with Joachim von Braun). (2008). Physical and Virtual Global Food Reserves to Protect the Poor and Prevent Market Failure – June 26th 2008, IFPRI, policy brief No.4, Washington DC. <http://ebrary.ifpri.org/cdm/ref/collection/p15738coll2/id/11545>

(with Joachim von Braun, Akhter Ahmed, Kwadwo Asenso-Okyere, Shenggen Fan, Ashok Gulati, John Hoddinott, Rajul Pandya-Lorch, Mark W. Rosegrant, Marie Ruel, Teunis van Rheenen, and Klaus von Grebmer). (2008). The What, Who, and How of Proposed Policy Actions. Policy Brief, May 2008.

<http://ebrary.ifpri.org/cdm/ref/collection/p15738coll2/id/10384>

(with Joachim von Braun). (2005). Information and Communication Technologies for the Poor. International Food Policy Research Institute.

<http://ebrary.ifpri.org/cdm/ref/collection/p15738coll2/id/72975>

(with Shyamal Chowdhury). (2004). Infrastructure for Africa: Overcoming Barriers to Development. Policy Brief submitted for the Africa 2020 Conference, Kampala.

(with Ashok Gulati). (2004). Connecting Smallholders to Markets: Role of Infrastructure and Institutions. USAID policy brief.

Other Publications

(2019). The State of Food Security and Nutrition in the World 2019. Safeguarding against Economic Slowdowns and Downturns. FAO, IFAD, UNICEF, WFP and WHO. 2019. Rome, FAO. <http://www.fao.org/3/ca5162en/ca5162en.pdf>

(with J. Pender). (2018). Economic Impacts, Costs, and Benefits of Infrastructure Investment – Review of the Literature. Paper presented at USDA Economic Research Service and Farm Foundation Workshop on Economic Returns to Rural Infrastructure Investment, April 10-11, 2018, Washington, D.C. <http://bit.ly/2MectzO>

Media Appearances

Associated Press, Bloomberg, British Broadcasting Corporation, CNN International, CNN Spanish, The Economist, MacLean's, Agence France Press, Freakonomics, The Independent, Der Spiegel, Huffington Post, Newsweek, Wall Street Journal, Foreign Policy, Salon, Slate, The Washington Post, The New York Times, National Public Radio, El Mercurio (Chile), El Comercio (Peru), several other outlets in Latin America, Africa, South Asia, East Asia, and Australia.

Recent Research Grants

2015-2017 National Institute of Health (with Erica Field)

2016-2017 National Science Foundation (with Angelino Viceisza)

2014-2016 European Commission (EU\$ 2.5 million). Improving the Effectiveness of Policies and Strategic Investments in the Fertilizer Supply Chain for Some African Countries Taking into Account the Global- and Country-Level Market Structure and Constraints

2014-2016 European Commission (EU\$ 2 million). Assessing Regional Food Reserves to Increase Resilience: Their Role in Safety Nets and in Reducing Price Volatility

2014-2016 CGIAR Policy Institutions and Markets (US\$ 5 million).

2014-2016 USAID (US\$ 3 million). Latin American Strategy

2013-2016 European Commission (US\$ 4 million). Food security

2013-2016 Swiss Development Cooperation (US\$ 2.2 million). Food Security India

2013-2017 Millennium Challenge Corporation (US\$ 1 million). Impact Evaluation of Rural Electrification and Roads in El Salvador

2012-2015 DFID (US\$ 1 million). Aflatoxin and Child Stunting

2013-2014 IADB (US\$ 600K). Impact of Rust Coffee in Central America

2013-2014 CAF (US\$ 600K). Rural Development and Poverty Reduction in Andean Countries: The Case of Peru

Professional Experience

Teaching

- 1999- **Associate Professor.** Universidad del Pacifico
Economics Department, Postgraduate School.
Industrial Organization and Uncertainty and Risk.
(Currently on leave)
- 1994-1997 **Teaching Assistant,** Department of Economics, UCLA.
Graduate Level Econometric Software Applications.
Intermediate Microeconomics, Econometrics.
- 1990-1992 **Lecturer** Department of Economics, Universidad del Pacifico, Peru
Intermediate Microeconomics.
Economics Software Applications.

Research

Senior Researcher

- 2019- *Food and Agriculture Organization of the United Nations (FAO)*
Assistant Director General of the Economic and Social Development
Department

- 2016-2018 *The World Bank Group (WBG)*
Executive Director for Argentina, Bolivia, Chile, Paraguay, Peru and Uruguay
- 2006-2016 *International Food Policy Research Institute (IFPRI)*
Division Director of the Markets, Trade and Institutions Division
- 2010- *Center for Development Research, University of Bonn (ZEF)*
Senior Fellow
- 2005-2006 *International Food Policy Research Institute (IFPRI)*
Senior Research Fellow if the Markets, Trade and Institutions Division.
Research on Infrastructure, and Institutions for rural development. Leader of a
Global Research Project on Infrastructure and Institutions for Development for
Africa, Latin America, Asia and South East Asia.
- 2003-2005 *International Food Policy Research Institute (IFPRI)*
Research Fellow if the Markets, Trade and Institutions Division
Research on infrastructure and institutions for rural development. Leader of a
Global Research Project on Infrastructure and Institutions for Development for
Africa, Latin America, Asia and South East Asia.
- 1997- *Group of Analysis for Development (GRADE)*
- Member of the Board of Directors
- Director of the Executive Management Committee
- 2001-2003 *Georg Foster von Humboldt Fellow*

Associate Researcher

- 1998-2000 *Center for Development Research (ZEF)-University of Bonn (Invited Fellow)*
- 1994-2003 *Institute for Social Science and Research, University of California at Los Angeles*

Professional Associations and Advisory Councils

Member of the American Economic Association (1998-today); the European Economic Association (1999-today); the Western Economic Association (1998-2000); the Econometric Society (1998-today); the Latin American Econometric Society (1998-today);the Latin American and Caribbean Economic Association (LACEA, from 1998-today);the Southern Regional Science Association (1998-today); the International Association of Agricultural Economics (2006-today) and of the American Agricultural Association (2006-today)

Awards

- 2014 Chevalier de l'Ordre du M'erite Agricole
- 2002 Award for Outstanding Research on Development given by The Global Development Network (GDN). The selection committee was chaired by Nicolas Stern, and consisted of Francois Bourguignon, Mashiro Kawai, Nancy Birdsall, Jose Maria Fanelli y Fernando Loayza
- 2000 Award for Outstanding Research on Development given by The Global Development Network (GDN). The selection committee was chaired by Joseph E. Stiglitz, and consisted of Nancy Birdsall, Francois Bourguignon, Takatoshi Ito and Amartya Sen
- 2000-2001 Georg Foster Research Fellowship of the Alexander von Humboldt Foundation
- 1997-1998 University of California Dissertation Year Fellowship 1997-98
- 1997-1998 Ford-Foundation-ISOP Interdisciplinary Program for Students of Development Areas
- 1996-1997 Latin American Center, UCLA Research Grant "Diffusion of Technical Change in Traditional Agriculture in Peru"
- 1996 Department of Economics, UCLA, Travel grant for diffusion of research
- 1995-1997 British Foundation Fellowship
- 1994-1997 Department of Economics, UCLA, Teaching Assistant Position
- 1992-1994 Fulbright Fellowship
- 1992-1995 Inter-American Development Bank Fellowship
- 1992-1994 Ford Foundation Fellowship
- 1992 National Award for the Best Bachelors Dissertation
Peruvian Economic Consortium and IDRC, Canada
- 1990 Honorific Mention on Bachelors and Licenciatura Dissertations
Universidad del Pacifico, Lima, Peru

Countries of Expertise

In Latin America: Bolivia, Costa Rica, Ecuador, El Salvador, Guatemala, Honduras, Jamaica, Nicaragua, Peru, Paraguay, Uruguay, Dominic Republic, Chile, Argentina, and Brazil

In Central and Eastern Europe: Armenia, Kosovo.

In Africa: Burkina Faso, Ethiopia, Ghana, Kenya, Malawi, Morocco, Nigeria, Niger, Togo, Senegal, Uganda, Tanzania, Mozambique, and Zambia.

In Asia: Bangladesh, India, Vietnam and Cambodia

Languages

English, Spanish, French (basic)

References

Joachim von Braun

Professor University of Bonn
Director of the Centre for Economic Development - Germany
University of Bonn
jvonbraun@uni-bonn.de
+49-1709002022

Carlos Martins Filho

Professor of Economics
Department of Economics
University of Colorado at Boulder -UCB 256
Boulder, CO 80309-0256
carlos.martins@colorado.edu
+1-541-740-2528

Erica Field

Professor of Economics and Global Health, Duke University
emf23@duke.edu
+1-919-660-1857

Liliana Rojas

Senior Fellow and Director of Latin American Initiative
Center for Global Development
lrojas-suarez@cgdev.org
+1-202-309-9801

Marco Castillo

Associate Professor
Department of Economics
Texas A&M University – 4228 TAMU
College Station, TX 77843
marco.castillo@tamu.edu

Alberto Chong

Professor

Department of Economics

Georgia State University

achong6@gsu.edu

+1-404-413-0201