

Manuel A. Hernandez

Education	Ph.D., Economics, Texas A&M University	August 2009
	B.A., Economics, Universidad del Pacifico, Peru	December 1999

Fields of interest Industrial Organization, Labor Economics, and Applied Econometrics

**Journal Publications /
Papers in submission**

- Grain price and volatility transmission from international to domestic markets in developing countries (with Francisco Ceballos, Nick Minot and Miguel Robles), *World Development*, forthcoming, DOI: 10.1016/j.worlddev.2017.01.015
- Market institutions and price relationships: The case of coffee in the Ethiopian Commodity Exchange (with Solomon Lemma, Shahidur Rashid and Tadesse Kuma), *American Journal of Agricultural Economics*, forthcoming, DOI: 10.1093/ajae/aaw101
- Price discovery and dynamics across housing developers in China (with Guoying Deng and Yaoguo Wu), *Economics Bulletin* 36(4), pp. 1966-1974, 2016
- Co-movement of major commodity price returns: A time-series assessment (with Francesca de Nicola and Pierangelo De Pace), *Energy Economics* 57, pp. 28-41, 2016
- The higher costs of doing business in China: Minimum wages and firms' export behavior (with Li Gan and Shuang Ma), *Journal of International Economics* 100, pp. 81-94, 2016
- Market interdependence and volatility transmission among major crops (with Cornelis Gardebroeck and Miguel Robles), *Agricultural Economics* 47(2), pp. 141-155, 2016
- Do people overreact? Evidence from the housing market after the Wenchuan earthquake (with Guoying Deng and Li Gan), *Journal of Urban Economics* 90, pp.79-89, 2015
- How far do shocks move across borders? Examining volatility transmission in major agricultural futures markets (with Raul Ibarra and Danilo Trupkin), *European Review of Agricultural Economics* 41(2), pp. 301-325, 2014
- Parametric versus nonparametric methods in risk scoring: An application to microcredit (with Maximo Torero), *Empirical Economics* 46(3), pp. 1057-1079, 2014
- Nonlinear pricing strategies and competitive conditions in the airline industry (with Steven Wiggins), *Economic Inquiry* 52(2), pp. 539-561, 2014
- Market concentration and pricing behavior in the fertilizer industry: A global approach (with Maximo Torero), *Agricultural Economics* 44(6), pp. 723-734, 2013
- Do marketing margins change with food scares? Examining the effects of food recalls and disease outbreaks in the U.S. red meat industry (with Oral Capps Jr. and Sergio Colin-Castillo), *Agribusiness* 29(4), pp. 426-454, 2013

- Do energy prices stimulate food price volatility? Examining volatility transmission between US oil, ethanol and corn markets (with Cornelis Gardebroek), *Energy Economics* 40, pp. 119-129, 2013
 - Making friends with your neighbors? Agglomeration and tacit collusion in the lodging industry (with Li Gan), *Review of Economics and Statistics* 95(3), pp. 1002-1017, 2013
 - Nonlinear pricing and competition intensity in a Hotelling-type model with discrete product and consumer types, *Economics Letters* 110(3), pp. 174-177, 2011
 - Anchoring bias in recall data: Evidence from Central America (with Susan Godlonton and Michael Murphy), IFPRI Discussion Paper #1534, revision requested by *American Journal of Agricultural Economics*
 - Linking smallholder farmers to dynamic markets on extensive and intensive margins: Evidence from Nicaragua (with Ayako Ebata), IFPRI Discussion Paper #1539, revision requested by *Food Policy*
 - Screening and price discrimination with unobserved consumer types: Evidence from airlines (with Diego Escobari), revision requested by *Economic Inquiry*
 - Group lending with heterogeneous types (with Li Gan and Yanyan Liu), NBER Working Paper #18847, under review
 - When power plants leave town: Environmental quality and the housing market in China (with Guoying Deng and Shu Xu), under review
 - Personal bankruptcy with heterogeneous filing behavior (with Li Gan and Shuoxun Zhang), under review
 - Asset maintenance as hidden investment among the rich and poor: Evidence from housing (with Danilo Trupkin), under review
 - A poverty-sensitive scorecard to prioritize lending: Evidence from Central America (with Maximo Torero), IFPRI Discussion Paper #1518, under review
- Other Publications**
- Transmission of food price volatility from international to domestic markets: Evidence from Africa, Latin America and South Asia (with Francisco Ceballos, Nick Minot and Miguel Robles), Chapter 13 in Matthias Kalkuhl, Joachim von Braun and Maximo Torero (eds.), *Food Price Volatility and Its Implications for Food Security and Policy*, Springer, 2016.
 - Poverty-sensitive scorecards to prioritize lending and grant allocation with an application in Central America (with Maximo Torero), Chapter 12 in Doris Köhn (ed.), *Finance for Food*, Springer, 2014
 - La seguridad alimentaria en Guatemala (with Miguel Robles and Cristina Chiarella), Capitulo 1 en E. Armendariz, R. de Michele, O. Manzano y P. Martel (cord.), *Reflexiones sobre el desarrollo de la economía rural en Guatemala*, Banco Interamericano de Desarrollo, Washington DC, 2013
 - Examining the effect of low cost carriers on nonlinear pricing strategies of legacy airlines (with Anirban Sengupta and Steven Wiggins), Chapter 2 in James Peoples (ed.), *Pricing Behavior and Non-price Characteristics in the Airline Industry (Advances in Airline Economics, Vol. 3)*, Emerald, 2012

- A framework for sustainable food security for Latin America and the Caribbean (with Cesar Falconi, Maximo Torero, Eduardo Maruyama and Miguel Robles), Technical Note No. IDB-TN-441, IADB, 2012
- Fertilizer Market Situation: Market Structure, Consumption and Trade Patterns, and Pricing Behavior (with Maximo Torero), IFPRI Discussion Paper #1058, 2011
- Beyond the numbers. How urban households in Central America responded to the recent global crises (with Miguel Robles and Maximo Torero), IFPRI Issue Brief #67, 2011
- Fires in Russia, Wheat Production, and Volatile Markets: Reasons to Panic? (with Miguel Robles and Maximo Torero), IFPRI article, August 6, 2010
- Examining the Dynamic Relationship between Spot and Futures Prices of Agricultural Commodities (with Maximo Torero), *Commodity Market Review 2009-2010*, FAO, pp. 47-86, 2010
- Estimating the Size of the Hidden Economy in Peru: A Currency Demand Approach, *Revista de Ciencias Sociales y Economía* 8, pp. 85-104, Universidad de Montevideo, 2009
- Abriendo la caja negra de las privatizaciones (with Maximo Torero and Jose Deustua), en *Investigación, Políticas y Desarrollo en el Perú*, GRADE, Lima, Perú, 2007
- The Informal Sector in Jamaica (with Maximo Torero, Miguel Robles, Jorge de la Roca, Maureen Webber and Desmond Thomas), RE3-06-010, Economic and Sector Study Series, IADB, 2006
- Evasión tributaria e informalidad en el Perú (with Jorge de la Roca), *Revista Economía y Sociedad N. 62*, CIES, Lima, Perú, 2006
- Servicios de Desarrollo Empresarial y desempeño de la micro y pequeñas empresas en el Perú: el caso de los sectores confecciones y metalmecánica (with Juan Manuel Garcia), *Revista Economía y Sociedad N. 57*, CIES, Lima, Perú, 2005
- Economic Integration, Trade and Industrial Structure in the Andean Economies: The Peruvian Case (with Carlos Carrillo), in Nobuaki Hamaguchi (ed.) *Peru's New Perspectives on Trade and Development: Strategic Integration with the Global Economy*, IDE-JETRO, Chiba, Japan, 2000

Working experience

INTERNATIONAL FOOD POLICY RESEARCH INSTITUTE (IFPRI)

July 2009 - Currently

Research Fellow, Markets, Trade, and Institutions Division
Postdoctoral Fellow, Markets, Trade, and Institutions Division

INTERNATIONAL FOOD POLICY RESEARCH INSTITUTE (IFPRI)

September 2008

Visiting collaborator, Markets, Trade, and Institutions Division

TEXAS A&M UNIVERSITY Summer 2006, 2007 & 2008
Research Assistant for Professor Steven Puller, Department of Economics

GROUP OF ANALYSIS FOR DEVELOPMENT (GRADE) June 2000 – July 2004

Assistant Researcher, Area of Industrial Organization and Regulation
Research Assistant, Area of Employment, Poverty and Equity

RESEARCH CENTER OF THE UNIVERSIDAD DEL PACIFICO (CIUP) January 1999 – May 2000

Research Assistant, Area of International Economics and Businesses

Teaching experience

AFRICA GROWTH ANDE DEVELOPMENT POLICY MODELLING CONSORTIUM (AGRODEP) 2013 & 2015

- Course on Applied Microeconometrics (Dakar, Senegal)
- Course on Applied Microeconometrics (Addis Ababa, Ethiopia)

TEXAS A&M UNIVERSITY August 2005 – December 2008
Department of Economics

- Instructor–Undergraduate level: Industrial Organization and Intermediate Microeconomics
- Teaching Assistant–Graduate level: Foundations of Microeconomic Theory, Econometrics I, Econometrics II and Nonparametrics (Seminar on R-project)

UNIVERSIDAD DEL PACIFICO March 1999 – July 2004
Department of Economics

- Teaching Assistant–Undergraduate level: Principles of Microeconomics, Principles of Macroeconomics, Intermediate Microeconomics, Microeconomics for Business and Theory of International Trade

PONTIFICIA UNIVERSIDAD CATOLICA DEL PERU October 2001 – April 2002
Department of Economics

- Seminar on STATA, Intermediate and Advanced Level

Honors and Awards

- 2014 Wageningen Social Sciences Publication Award for “Do energy prices stimulate food price volatility? Examining volatility transmission between US oil, ethanol and corn markets,” coauthored with Cornelis Gardebroek.
- Postdoctoral Strategic Innovation Fund, IFPRI, Winning Research Project, October 2011
- Graduate Teaching Excellence Award, Department of Economics, Texas A&M University, 2008
- Maurice Fellowship, Excellence in Graduate Studies, Texas A&M University, Summer 2008
- Industrial Organization Field Exam, Pass with Distinction, Fall 2006

Seminars / Conference presentations

- Texas A&M University Research Assistantship 2005 – 2009
- Fulbright Scholarship for graduate studies 2004 – 2006
- Economic and Social Research Consortium (CIES) – International Development Research Center (IDRC), Peru, Winning Research Projects, October 2001 & August 2003
- Dean’s List, Universidad del Pacifico, 1996, 1997, 1998, and 1999
- Western Economic Association Annual Conference (June 2014)
- Asian Meeting of the Econometric Society (June 2014)
- Experimental Methods in Policy (February 2014)
- Chinese Meeting of the Econometric Society (June 2013, June 2016)
- University of Goettingen (May 2013)
- Pacific Conference for Development Economics (March 2013)
- University of Bonn (January 2013, July 2014)
- Triennial Conference of International Association of Agricultural Economists (August 2015, August 2012)
- Agricultural and Applied Economics Association Annual Meeting (July 2016, July 2015, August 2013, August 2012)
- European Association of Agricultural Economists Seminar (February 2012)
- Agricultural Economics and Rural Policy Group Seminar Series, Wageningen University (February 2012)
- Economic Research Service ERS – USDA Seminar Series (January 2012)
- International Agriculture Trade Research Consortium Annual Meeting (December 2011)
- Southern Economic Association Annual Conference (November 2011, November 2010, November 2008)
- Triennial Congress of the European Association of Agricultural Economists (September 2011)
- International Industrial Organization Conference Annual Meeting (April 2015, April 2011, May 2010, April 2009)
- European Economic Association Annual Meeting (August 2010, August 2014)
- Allied Social Science Associations Annual Meeting (January 2016, January 2013, January 2011, January 2010)
- Latin American Meeting of the Econometric Society (November 2016, October 2015, November 2014, October 2013, August 2003)
- V Seminar on Industrial Organization and Regulation, Universidad Autónoma de Nuevo Leon (UANL), Mexico (March 2009)
- PERC Applied Microeconomics Workshop, Texas A&M University (October 2008)

Referee service

- Journal of Econometrics, European Economic Review, Economic Inquiry, Review of Industrial Organization, Economic Development and Cultural Change, B.E. Journal of Economic Analysis and Policy, Empirical Economics, American Journal of Agricultural Economics, European Review of Agricultural Economics, Agricultural Economics, Journal of Agricultural and Applied Economics

Professional memberships

- American Economic Association, Econometric Society, Agricultural and Applied Economics Association, International Association of Agricultural Economists, Latin American and Caribbean Economic Association, American Society of Hispanic Economists

Computer skills

STATA, *Matlab*, and *R*-project, programmer level
Maple, *SPSS*, *Econometric Views*, *LATEX*, user level

Languages

English (fluent), Spanish (native)

References**Li Gan**

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Steven Wiggins

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Steven Puller

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