

ARTURO ALBERTO AGUILAR ESTEVA

Contact Information

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Personal Information

Gender: Male
Date of birth: August 26th, 1980
Nationality: Mexican

Education

May 2012 Ph.D. Economics, Harvard University
June 2009 M.A. Economics, Harvard University
June 2005 B.A. Economics, ITAM, Honors

Fields of Interest

Research: Development Economics, Health, Economics of Education, Applied Econometrics
Teaching: Econometrics, Microeconomics

Publications

“Benefits and Unintended Consequences of Gender Segregation in Public Transportation: Evidence from Mexico City’s Subway System,” with Emilio Gutierrez and Paula Soto. *Economic Development and Cultural Change*, Forthcoming.

“Fidelity of Implementation of Prospera Digital: Evaluation of a Multi-Site mHealth Intervention Aimed at Improving Maternal Health Outcomes in Mexico,” with Pablo Gaitán-Rossi, Selene De la Cerda, Alma C. Pérez, Manett Vargas, and Mireya Vilar-Compte. *Current Developments in Nutrition* 3 (10): nzz107. October 2019

“Decomposition of Gender Differentials in Agricultural Productivity in Ethiopia,” with Eliana Carranza, Markus Goldstein, Talip Kilic and Gbemisola Oseni. *Agricultural Economics* 46(3): 311-334. May 2015

“Coping with *La Crisis*” with Georgia Hartman, David Keyes, Lisa Markman, and Max Matus. Chapter in *Mexican Migration and the U.S. Economic Crisis. A Transnational Perspective*, Wayne Cornelius, David Fitzgerald, Pedro Lewin Fischer and Leah Muse-Orlinoff (eds.), Center for Comparative Immigration Studies, UCSD, San Diego 2009.

“Desigualdad de la educación y de los ingresos laborales en México: la importancia de la calidad educativa” with María Elena Ortega, *La Gaceta de Economía*, Autumn 2007, 13 (23): 11-50.

Working Papers

“School Committees Versus Centralized Targeting. The Case of High-School Scholarships in Mexico.” Latest version: November 2020.

“Long-Term Effects of PROSPERA on Welfare,” with Cristina Barnard and Giacomo de Giorgi. *World Bank Policy Research Working Paper No. 9002*. Latest version: September 2019.

“The Effectiveness of Sin Food Taxes: Evidence from Mexico,” with Emilio Gutierrez and Enrique Seira. *Under Review*. Latest version: December 2020

“El Niño and Mexican Children: Medium-Term Effects of Early-Life Weather Shocks on Cognitive and Health Outcomes” with Marta Vicarelli. *Under Review*. Latest version: November 2020

“The power of information and motivation on women’s maternal health: an application with ad-hoc SMS in Mexico’s Prospera program” with Manett Vargas. Latest version: August 2018

“Educational Self-Selection among U.S. Immigrants and Returning Migrants,” *IZA Discussion Paper* 7222.

Honors, Scholarships, and Fellowships

2017	Grant award from U.S. Fund and UNICEF (US\$100,000)
2016	Grant award from the U.K. Foreign Commonwealth Office, Prosperity Fund (£251,194)
2016	Grant award from U.S. Fund and UNICEF (US\$185,185)
2015	Grant award from the Prosperity Fund (UK FCO, £134,477)
2015	Grant award from the All Children Reading Challenge (USAID, Australia Aid, WV, US\$317,387)
2014	Grant award from the Inter-American Development Bank (US\$30,000)
2014	Grant award from the Institute for Money Technology and Financial Inclusion (IMTFI, US\$20,000)
2008-2009	Dissertation Completion Fellowship (Harvard University)
2009	Certificate of Distinction in Teaching (Harvard University)
2006-2010	Harvard University, CONACYT, Fundación México en Harvard Fellowship
2006	Tlacaélel National Prize. First place, undergraduate thesis (Mexico)
2005	Banamex Economics National Prize, First place, undergraduate thesis (Mexico)

Educational Projects

Econometrics Learning Material ([Link](#)). Developed as support for Microeconometrics courses taught at ITAM at the Bachelor and Masters level (under development, available only in Spanish).

Mundo de Libros ([Link](#)). A website that gives book recommendations for children between 6 and 10 years old based on an algorithm to match children’s reading abilities and interest to books. Currently adapting Machine Learning methods to improve the algorithm.

AEA Trials Registered

Aguilar, Arturo et al. 2016. "Supporting healthier pregnancies and early child development one text at a time: Can personalized text messages, increased community participation and incentives to service providers help improve pregnancy and early childhood outcomes?" AEA RCT Registry No. 1035.

Aguilar, Arturo et al. 2017. "Opening Prosperity Mexico: Socio-emotional trial." AEA RCT Registry No. 2010.

Aguilar, Arturo and María Elena Ortega. 2017. "Matching Children with Level-Appropriate Books and Engaging Families." *AEA RCT Registry No. 1034*.

Teaching Experience

2021 Causal Methods in Econometrics (graduate), ITAM
2012-2020 Applied Microeconometrics (undergraduate), ITAM
2016-2020 Econometric Topics (graduate), ITAM
2013-2020 Applied Econometrics (graduate), ITAM
2017-2018 Mexico a Better Perspective, selected economics topics (undergraduate), ITAM
2013-2014 Intermediate Microeconomics (undergraduate), ITAM
2012 Quantitative Methods in Economics (undergraduate), Harvard University,
Teaching Fellow for Prof. Gary Chamberlain and Prof. Geert Ridder
2008-2009 Introduction to Econometrics (undergraduate), Harvard University,
Teaching Fellow for Prof. Eric Chaney and Prof. Raffaella Giacomini
Fall 2005 Principles of Microeconomics (undergraduate), ITAM

Presentations

2019 World Bank
2018 APPAM; UCSD
2017 RIDGE
2016 LACEA; UAT
2015 RAND; Seminar on climate change (Mexico)
2013 UVM; IFAD
2012 Mexico's Central Bank; IDB; Georgetown Public Policy Institute; LACEA; APPAM
2011 ITAM; Seminar Huatusco IX (Mexico): "Inequality in the Returns to Education in Mexico"
2008 Harvard-Manchester Summer Workshop on Immigration and Social Change

Other Information

Referee: *American Economic Review; AEJ: Applied Economics; Journal of Human Resources; Journal of Development Economics; Journal of Public Economics; Journal of Environmental Economics and Management; Environment, Development and Sustainability; Journal of Development Studies; World Bank Economic Review; Review of Industrial Organization; Agricultural Economics; European Review of Agricultural Economics; International Journal of Manpower; Latin American Economic Review; IDB; El Trimestre Económico*

Affiliations: Institute for the Study of Labor (IZA); Latin American and Caribbean Economic Association (LACEA); Que Funciona para el Desarrollo (QFD).

Softwares: Stata (advanced), R (intermediate), Python (basic), LaTeX (advanced), Markdown (intermediate).

Languages: Spanish (native), English (fluent), French (basic).

Other Employment

2003-2006 Financial Analyst (full-time), Protego Asesores, Mexico
Investment Banking: Real Estate Sector