

# DANIEL PRUDENCIO

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Dept. of Economics MS-22

Rice University

Houston, TX 77005

## EDUCATION

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Ph.D. in Economics, Rice University (Anticipated) May 2021

DISSERTATION: *Essays on human and physical capital investments in developing countries: educational choices, vocational aspirations, and procurement auction efficiencies*

M.A. in Applied Statistics, Tecnológico de Monterrey May 2015

B.A. in Economics, Tecnológico de Monterrey May 2013

## RESEARCH FIELDS

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Education Economics, Empirical Industrial Organization, and Development Economics.

## MODELING AND PROGRAMMING SKILLS

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Modeling: regression analysis, factor analysis, clustering, principal component analysis, non-parametric auction estimation, causality models, demand estimation (BLP), time series forecasting, and small area estimation.

Software: R, Julia, Stata, MATLAB, L<sup>A</sup>T<sub>E</sub>X.

Fieldwork: co-directed two large impact evaluation projects during the summers of 2015 and 2017, and successfully engaged with a large Mexican university for two years to elicit survey data and analyze it in conjunction with its administrative records.

## WORKING PAPERS

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1. Elections and Productivity in the Allocation of Pavement Contracts in Mexico. - **Job Market Paper.**
2. [Developing Educational and Vocational Aspirations through International Child Sponsorship: Evidence from Kenya, Indonesia, and Mexico](#), (with Paul Glewwe, Phillip Ross, and Bruce Wydick - Revision Submitted, *World Development*).
3. [International Child Sponsorship Impact on the Intended Choice of Acquiring a Higher Education Degree: the Case of Rural Mexico](#), (*submitted*).

## WORK IN PROGRESS

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1. Whose Opinion Matters Most for the Choice of a Major? The Relative Influence of Parents, Teachers and Peers.
2. Students' Willingness to Pay for University Attributes.

## BOOK CHAPTERS

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1. "Airline Economics: A Survey of Applied Issues in the Performance of the US and International Airline Industry", (with Levent Kutlu and Robin Sickles), in R. Chambers, S. Kumbhakar, and S. Ray (eds.), *Volume II, Handbook of Production Economics*, New York: Springer - *forthcoming*.

## PUBLICATIONS (PRE-PH.D.)

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1. "A Long-Term Employment Deprivation Index for Mexico." (2017). *Estudios Económicos*, 32(1): 133-65 (with Rocío García).
2. "A Shapley Decomposition of Multidimensional Chronic Poverty in Argentina." (2017). *Bulletin of Economic Research*, 69(1): 23-41 (with Rocío García).
3. "Los Efectos del Fondo de Aportaciones para la Infraestructura Social Sobre la Pobreza en México." (2014). *Región y Sociedad*, 26(60):63-88 (with Fernando Ramones).

### Engineering

4. "Hyperspectral Analysis of Soil Polluted With Four Types of Hydrocarbons." (2019). *Geocarto International*, 34(9), 925-42 (with Laura A. Reséndez-Hernández and Diego Fabián Lozano-García).

## POLICY REPORTS

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1. ["On the Allocation of Public Works Contracts: Risks in Bypassing Procurement Auction Procedures."](#) (2019). Baker Institute Issue Brief no. 04.23.19.
2. ["Getting Public Investment in Education Wrong in Mexico."](#) (2020). Baker Institute Issue Brief no. 02.26.20.

## FELLOWSHIPS, SCHOLARSHIPS, AND AWARDS

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Graduate Fellow, Rice University's Baker Institute – Center for the U.S. and Mexico.	Nov. 2018 - May 2020
The Puentes Consortium, Summer Fellowship Grant.	Summer-2019
Rice Fellowship, Rice University.	2015-2021
Masters Stipend Scholarship, CONACYT.	2013-2015
Graduate Student Researcher (Visitor), Southern Methodist University.	Summer, 2014
Masters Scholarship, CONACYT-OEA-AMEXID.	2013
Academic excellence scholarship, M.A., Tecnológico de Monterrey.	2013-2015
Academic excellence scholarship, B.A., Tecnológico de Monterrey.	2008-2013

## TEACHING AND RESEARCH EXPERIENCE

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<b>Teaching assistant</b> , Rice University	Fall 2015-Present
Principles of Microeconomics, Microeconomics, Religion, Ethics, and Economics.	
<b>Workshop lecturer</b> , Tecnológico de Monterrey	
Econometrics with Stata (10 weeks)	2014

**Research assistant, Tecnológico de Monterrey**

Professor Rocío García	2013-2015
Professor Jorge Ibarra	2013-2015
Professor Eduardo Rodríguez-Oreggia	2011-2013

**PROFESSIONAL ACTIVITIES**

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**Conferences**

The University of Texas Rio Grande Valley.	(scheduled)
Bolivian Conference on Development Economics, online.	2020
Sobre México, Universidad Iberoamericana, DF, Mexico.	2019
Academia Against Corruption in the Americas, Monterrey, Mexico.	2018
UNU-Wider, Inequality – measurement, trends, impacts and policies, Helsinki, Finland.	2014
6th Bolivian Conference on Development Economics, Cochabamba, Bolivia.	2014
89th Western Economic Association, Denver, US.	2014
5th Meeting of the Society for the Study of Inequality (ECINEQ), Bary, Italia.	2013
39th Eastern Economic Association, New York, US.	2013
Network on Inequality and Poverty (NIP), State of Mexico, Mexico.	2013

**Referee for** Economía, Sociedad y Territorio; Investigación Económica.

**OTHER**

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

**REFERENCES**

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Professor Robin Sickles  
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