Isaac Meza López

Personal Data

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Education

Expected 2027	Ph.D in Economics, **Harvard University**. Eliana and Artur De Oliveira Graduate Fellowship Fund, 2023-2024
May 2020	Master of Science in Industrial Engineering and Operations Research, **University of California Berkeley**.
Jun 2019	B.A. in Economics, **Instituto Tecnológico Autónomo de México** (ITAM) | Graduated with *Special Mention*. **Thesis** : *Confidence region via the RWP function: an application to synthetic control methods* Under the supervision of Enrique Seira Bejarano & Ignacio Lobato - First place in the XXV Research Award ExITAM.
Nov 2018	B.S. in Applied Mathematics, **Instituto Tecnológico Autónomo de México** (ITAM) | Graduated with *Honorary Mention*. **Thesis** : *Geometry of Banach Spaces and Fixed Point Theory* Under the supervision of César Luis García García & Carlos Bosh Giral - Special mention in the XXV Research Award ExITAM
Jul 2011	High School. IB Diploma Programme. **Instituto Tecnológico y de Estudios Superiores Monterrey** (ITESM) | Graduated with *Honorary Mention*.

Research

Working paper	Nested Nonparametric Instrumental Variable Regression: Long Term, Mediated, and Time Varying Treatment Effects Joint work with Rahul Singh
Working paper	The controlled choice design and private paternalism in pawnshop borrowing. Joint work with Francis DiTraglia, Craig McIntosh, Enrique Seira Bejarano and, Joyce Sadka.
Working paper	Inference in Synthetic Control Methods using the Robust Wasserstein Profile function
Working paper	Genericity of spaces with the extended García-Falset coefficient: $R(t, X) < 1 + t$ for some $t > 0$.

Research Experience

Jun 2023 - Aug 2023	Research assistant : Davide Viviano - Harvard University. Rahul Singh - Harvard University.
Aug 2021 - Aug 2022 Jan 2015 - Aug 2019	Research assistant : Enrique Seira Bejarano - Center of Economic Research (CIE), ITAM.
Jan 2017 - Aug 2019	Research assistant : Joyce Sadka - Center of Economic Research (CIE), ITAM. Christopher Woodruff - Oxford.
May 2016 - Aug 2016	Research assistant of Berta Gamboa de Buen at CIMAT.
Jan 2014 - Jan 2015	Research assistant of Alejandro Hernández Delgado at ITAM.
May 2015 - Sept 2015	Short term consultant (STC) for the World Bank Group.

Teaching experience

Spring 2025	TF for Principles of Econometrics - ECON 2120 (Harvard University)
Fall 2024	TF for Econometric Methods - ECON 2140 (Harvard University)
Summer 2021	GSI for Introduction to Economics - Econ 1 (UC Berkeley)
Summer 2021	GSI for Macroeconomic Analysis for Business Decisions - UGBA 101B (Walter A. Haas School of Business)
Jan 2021 - May 2021	GSI for Decision Analytics - IEOR 166 (UC Berkeley)
Aug 2020 - Dec 2020	GSI for Applied Stochastic Processes . IEOR 263A (UC Berkeley)
Jan 2019 - May 2019	Instructor for A short course in Econometrics (ITAM)
Aug 2014 - May 2019	TA for Intermediate Macroeconomics (ITAM)
Jan 2014 - May 2014	TA for Abstract Algebra I (ITAM)

Conferences & Schools participation

2018	IX School of Probability and Stochastic Processes. Organized by the Mathematics Institute of National Autonomous University of Mexico (UNAM).
2017	Conference in the Analysis Seminar (ITAM) Vitali covering theorem and Lebesgue differentiation theorem. Haar measure: Haar-null and Haar-meagre sets.
2016	Summer School in Mathematics and Applied Mathematics Organized by the Mathematics Research Center (CIMAT).

Areas of Interest

Economics:	Causal Inference, Applied Econometrics, Application of Machine Learning methods to causality.
Mathematics:	Probability Theory.

Technical Skills

Basic Knowledge:	Mathematica, Java , SQL
Advanced Knowledge:	MATLAB, R, Stata, Phyton.