

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 <i>Special Mention</i> . Thesis : <i>Confidence region via the RWP function: an application to synthetic control methods</i> 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 <i>Honorary Mention</i> . Thesis : <i>Geometry of Banach Spaces and Fixed Point Theory</i> 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 <i>Honorary Mention</i> .

RESEARCH

<i>Working paper</i>	Nested Nonparametric Instrumental Variable Regression: Long Term, Mediated, and Time Varying Treatment Effects Joint work with RAHUL SINGH
<i>Working paper</i>	Approximate residual balancing for non-linearities in high dimensions.
<i>Working paper</i>	The controlled choice design and private paternalism in pawnshop borrowing. Joint work with FRANCIS DiTRAGLIA, CRAIG McINTOSH, ENRIQUE SEIRA BEJARANO and, JOYCE SADKA.
<i>Working paper</i>	Bandits and online optimization in infinite spaces. UMD spaces are UMD-learnable.
<i>Working paper</i>	Inference in Synthetic Control Methods using the Robust Wasserstein Profile function
<i>Working paper</i>	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 Econometric Methods - ECON 2140 (Harvard University)
FALL 2024	TF for Principles of Econometrics - ECON 2120 (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)

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.