

Alejandro Becerra

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Education

Pardee RAND Graduate School PhD Candidate in Policy Analysis	Santa Monica, CA 2017 - Expected 2021
Center for Research and Teaching in Economics (CIDE) B.A. Public Policy (graduated summa cum laude)	Mexico 2011 – 2015
Fundação Getúlio Vargas (FGV) Exchange semester, School of Economics	Brazil 2014
International Monetary Fund Certification in Macroeconometric Forecasting	2017

Experience

RAND (Assistant Policy Researcher) Cleaned and analyzed data for projects in areas such as Education, Labor and Population, and Health following econometrics and machine learning methods Conducted focus groups after natural disasters and text analysis to identify vulnerable populations. Translated and verified English-Spanish reports. Done different tasks including literature review, data cleaning and writing for research proposals.	October 2017 – Present
International Mexican Ministry of Energy and CIDE (External Consultant) Optimal location for biogas biorefineries in Mexico. Literature review, set up of the theoretical and empirical models using GAMS as the primary software.	July 2018 – Present
Mexican Ministry of Finance (Deputy Director of Fiscal Policy) Calculated the output gap and forecasted different macroeconomic indicators. Developed sensitivity analyses for public finances, their long-run sustainability and their preparedness to face contingent liabilities. Conducted analysis that completed the economic assessment of the energy, financial and tax reforms, including their effects on growth, inflation and consumption.	July 2015 – July 2017
CIDE (Teaching and Research Assistant) Taught the Stata and R packages for cross section, time series and panel data. Developed a data base and ran econometric models for a project of technical efficiency for the Mexican States and reviewed the literature for a project of renewable energy sources in Latin America (CEPAL).	August 2014 – June 2015

Skills

Computer Skills

Statistical and Mathematical Packages: STATA, GAMS, Eviews & R

Languages

Spanish (native), Portuguese (intermediate) and English (proficient)

Publications

“Stochastic Frontiers and Technical Efficiency of Local Public Expenditure in Mexico”, 2017
CIDE DTE, 603 (co-authored with Ph.D. Héctor Núñez Amórtegui).

Awards

Thesis awarded as outstanding in the Public Finance National Contest 2016
Mexican Fiscal Council (CEFP)

Thesis data set award 2015
Mexican National Laboratory of Public Policy (LNPP)