Ramon Medina-Sanchez

ECONOMIC RESEARCHER · DATA ANALYST

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Education

El Colegio de la Frontera Norte
M.A., Applied Economics   *Aug 2016 - Aug 2018*

- Thesis: The wage dynamics of the automotive industry in Mexico: a panel data analysis for 2007-2017

Universidad Autónoma de Nayarit
B.A., Economics   *Aug 2010 - Aug 2015*

Work experience

Research assistant II
San Diego Miramar College   *Jan 2020 - current*

- Prepare, format, and clean data
- Research and performs statistical analyses
- Prepare written analysis and research results

Project researcher
Project: Unauthorized Immigrants, Occupational Injuries and Employment Verification Laws | University of California, Berkeley | El Colegio de la Frontera Norte | PIMSA   *Sep 2018 - Dec 2019*

- Successful management, harmonizing and creation of complex databases
- Preparation of research reports, analysis of literature and results
- Estimation of econometric models and statistical analysis

Book chapters

Orraca, P., García, E. y **Medina, R.** (2019). Informal work and labor participation during the process of commercial opening in Mexico. In A. Díaz-Bautista and E. Díaz (eds.), *Economic balance of Mexico and the renegotiation of the Free Trade Agreement* (pp. 119-132). Mexico City: Colofón

Recent research

Article
Wages and occupational risks of Mexican immigrants in the United States (with David Rocha and Pedro Orraca)

Book chapter
Reintegration and economic assimilation of international return migrants in Mexico (with Pedro Orraca)

Research experience

Research assistant
Project: The teaching practice of the teachers of Development of Skills of the Thought | Universidad Autónoma de Nayarit   *Sep 2013 - Mar 2014*

- Literature review and statistical analysis

Research assistant
Project: Commercial opening and international tourism in the Mexican Pacific region 1980-2009 | Universidad Autónoma de Nayarit
- Statistical analysis and research reports

Oct 2013 - Mar 2014

Visiting student
Research: Comparative analysis of the most dynamic regions of Mexico and China and their main determinants for their development | Universidad de Colima
- Data search and statistical analysis
- Literature review and presentation of results to the advisor

Jun 2013 - Aug 2013

Visiting student
Research: Analysis of the effects of crime on economic growth in Mexico | El Colegio de la Frontera Norte
- Datasets cleaning and statistical analysis
- Review and discussion of literature with the advisor

Jun 2012 - Aug 2012

Teaching experience

Teaching assistant
Microeconomics I | El Colegio de la Frontera Norte
- Advice to graduate students on topics seen in class
- Homework review and class preparation

Oct 2018 – Dec 2018

Past positions

Vice President
National Board of the National Association of Economics Students

Jul 2014 - Jul 2015

Secretary of Organization
National Board of the National Association of Economics Students

Jul 2013 - Jul 2014

Deputy editor of the Econoccide bulletin
National Board of the National Association of Economics Students

Sep 2012 - Jun 2013

Conference presentations

Aging and migration: two forms of expression of the crisis in the Nayarit field, 2014
3rd international postgraduate meeting in local development and international seminar

2015

Human capital as a key variable in the economic growth of Mexico, 1995-2012
2nd meeting of young researchers from Nayarit and expograduate

2014

Comparative analysis of the most dynamic regions of Mexico and China and their main determinants for their development
18th National Congress of the Summer of Pacific Scientific and Technological Research

2013

Analysis on the effects of crime on Mexico's economic growth
17th National Congress of the Summer of Pacific Scientific and Technological Research

2012

Awards, honors and scholarships

National Council for Science and Technology (CONACYT)
El Colegio de la Frontera Norte | Master's studies   *Aug 2016 - Aug 2018*

First place for the best research in the area of economics
CONACYT | Universidad Autónoma de Nayarit   *2013*

***Project 100*, program for the best university grades**
Universidad Autónoma de Nayarit   *2011*

Languages

English, Spanish

Technical (IT) Skills

Data management: *Data cleaning, data analysis, pattern and trend identification, visualization of data insights*

Computer and programming: *Stata, SPSS, R, Python, Tableau, QGIS, Microsoft Office, LaTeX*

Research: *Advanced econometric, regression and statistical analysis, survey design*