

Rodrigo Aranda Balcazar

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Tulane University **raranda.com**

EDUCATION **Tulane University**, New Orleans, LA

Ph.D., Economics, *Expected*: May 2019

Advisors: Alan Barreca, Ph.D, Michael Darden, Ph.D, and Diego Rose, Ph.D

M.S., Economics, 2015

Universidad Iberoamericana, Mexico City, Mexico

B.S., Economics, 2008

RESEARCH INTERESTS Health Economics, Environmental Economics, Development Economics, Public Economics.

WORKING PAPERS

1. **“Behavioral Responses to Mass Shootings: Physical Activity, Mental Health and Labor Outcomes”**. *Job Market Paper*

Abstract: *The odds of experiencing a mass shooting in first person are low, approximately 411 people have died in such tragic events during the past decade in the United States. However, the high saliency of mass shooting events might induce changes in behavior that may pose an external cost on society. In this paper, I estimate the impact of indirect exposure to mass shootings on behavior using information on 45 mass shootings from 2003 to 2016. Using individual-level data, I find that being within 500 miles shortly after a mass shooting, individuals overall activity levels decrease by 1.3 percent. This decline is equivalent to a 10 or 3.7 minute decrease in walking or running, respectively. For an average weight person, this decline would mean 34.5 less calories burned per day. The decreases in activity are highest among women and younger individuals. In addition to activity levels, I find an increase in the probability of having 14 or more days where perceived mental health is not good. Finally, I find a statistically significant decrease in hours worked of 0.5 percent or 10.7 minutes a week. This decrease is highest for women. These results show that aside from direct victims, mass shootings also impact the short-term behavior of a broader portion of the population.*

2. **“What to Expect When You’re Labeling? Calorie Labeling’s Impact on Weight Gain During Pregnancy and Birth Outcomes”** (Main Author) with Koray Caglayan

3. **“Measuring the Impact of Calorie Labeling Laws: The Mechanisms Behind Changes in Obesity”** (Main Author) with Michael Darden and Diego Rose

4. **“Measuring Directional Mobility: The Bartholomew and Prais-Bibby Indices Reconsidered”** Satya R. Chakravarty, Nachiketa Chattopadhyay, Nora Lustig and Rodrigo Aranda. Tulane University Working Paper No. 1720

WORKS IN
PROGRESS

1. "Climate Change, Time Use and Obesity-Related Behaviors" with Alan Barreca
2. "Can We Reduce Greenhouse Gas Emissions by Choosing Different Foods? Simulating Carbon Footprint and Nutritional Impacts of Dietary Change in the United States" with Amelia Willits-Smith, Martin Heller, Paul Hutchinson and Diego Rose
3. "Environmental Impact of Carbon-Based Taxes and Subsidies on Foods" with Amelia Willits-Smith and Diego Rose
4. "Trans Fats and Hypertensive Disorders during Pregnancy: Evidence from New York State Trans Fat Bans" with Koray Caglayan

BOOK CHAPTERS

1. "Analytical Foundations: Measuring the Redistributive Impact of Taxes and Transfers; with Ali Enami and Nora Lustig; A chapter in N. Lustig (Ed.) Commitment to Equity Handbook. A Guide to Estimating the Impact of Fiscal Policy on Inequality and Poverty". Brookings Institution Press and CEQ Institute, Tulane University.
2. "Inequality and Redistribution in Mexico: 1992-2015"; with John Scott and Enrique de la Rosa; A chapter in "Inequality in the Giants: Mexico" Lead Investigator: Nora Lustig. WIDER. Forthcoming.
3. "Economic Determinants of Obesity: changes in the cost of calories in Mexico", with Gonzalo Hernandez Licona and Enrique Minor. Chapter of the book "Obesity in Mexico: Recommendations for a State Policy", UNAM 2012. (In Spanish)
4. "Construction of Regional Food Baskets for Poverty Measurement in Mexico" with Enrique Minor. Article in a book in edition process (to be published) by the Universidad Autonoma de Baja California Sur (UABCS). (In Spanish)
5. "Welfare Lines Construction. Methodological Document, Methodology for Multidimensional Poverty Measurement in Mexico" with Enrique Minor, Martin Lima, Cristina Perez and Hector Sandoval, CONEVAL 2012. (In Spanish)

OTHER
PUBLICATIONS

1. Sean Higgins & Rodrigo Aranda & Ruoxi Li, 2013. "CEQ: Stata module to carry out Commitment to Equity (CEQ) fiscal incidence analysis," Statistical Software Components S457605, Boston College Department of Economics, revised 01 Aug 2017.
2. "Impact of Taxes and Transfers on Rural-Urban Poverty and Inequality in Bolivia, Brasil, Guatemala, Mexico and Peru" with Nora Lustig. CEQ Working Paper No. 33, April 2015.
3. Assessment Report of the Social Development Policy in Mexico 2012, CONEVAL 2012. Technical team of Chapters I and II.
4. Report on Poverty in Mexico, the country, states and municipalities 2010, CONEVAL 2012. Collaborator and part of the technical team.
5. Assessment Report of the Social Development Policy in Mexico 2011, CONEVAL 2011. Technical team of Chapters I and II.
6. Short-term Economic and Social trends and the Labor Poverty Trend Index (ITLP), CONEVAL 2010. Collaborator and part of the technical team.
7. Report on Multidimensional Poverty in Mexico, 2008, CONEVAL 2010. Collaborator and part of the technical team.

8. Income Poverty in Mexico, CONEVAL 2010. Collaborator and part of the technical team.
9. Income Poverty Maps 2000, CONEVAL. Collaborator and part of the technical team.

RESEARCH AND
PROFESSIONAL
EXPERIENCE

Research Assistant

Diego Rose August 2016 - present
Tulane University

Academic work: Wellcome Trust Research Grant study of environmental impact of choices in food consumption

Michael Darden August 2016 to December 2016
Tulane University

Health economics, academic work

Nora Lustig July 2014 to December 2015
Tulane University

Fiscal incidence analysis on poverty and inequality, academic work

Consultant

Global Development Network
Software Developer (Stata adofiles) Aug 2016 - Jan 2017

Inter-American Development Bank, Genre and Diversity Division (SCL/GDI)
Fiscal impact study: Mexico 2012 Jul - Oct 2015
Stata Ado-files for Commitment to Equity Ethno-Racial Workbook Sep - Nov 2014

Consejo Nacional de Evaluacion de la Politica de Desarrollo Social (CONEVAL)

Poverty Measurement Deputy Director Jan 2012 to Jul 2013

Statistical Analysis Department Chief Nov 2009 to Dec 2011

Consultant Dec 2007 to Oct 2009

PRESENTATIONS

American Economic Association Annual Meeting

“Behavioral Responses to Mass Shootings: Time Use, Labor and Health Behaviors”
January 2019

“What to Expect When You’re Labeling? Calorie Labeling’s Impact on Weight Gain During Pregnancy and Birth Outcomes”
January 2019

Southern Economic Association 88th Annual Meetings

“Behavioral Responses to Mass Shootings: Time Use, Labor and Health Behaviors”
November 2018

“What to Expect When You’re Labeling? Calorie Labeling’s Impact on Weight Gain During Pregnancy and Birth Outcomes”
November 2018

7th Annual Conference of the American Society of Health Economists

“Measuring the Impact of Calorie Labeling Laws: The Mechanisms behind changes in Obesity”
June 2018

“What to Expect When You’re Labeling? Calorie Labeling’s Impact on Weight Gain During Pregnancy and Birth Outcomes”
June 2018

Health Policy Working Group, Murphy Institute, Tulane University

“Do better-informed people make healthier choices? Evidence from calorie labeling laws and weight gain during pregnancy”
May 2018

Public Policy Working Group, Murphy Institute, Tulane University
 “Crime Perception, Time Use and Obesity” April 2017

STATA Users Meeting 2013 at Centro de Investigacion y Docencia Economicas, CIDE
 “Geospatial Analysis with Stata. Mapping Social Gap Index for Urban AGEBS in Mexico, 2010” May 2013

X Systemic Itinerant Seminar CEAPE SUJ at Universidad Iberoamericana (UIA)
 “Official measures of poverty in Mexico, a multidimensional approach” Oct 2012

National Seminar on Regional Development, Labor Market and Public Policy at Universidad Autnoma de Baja California Sur (UABCS)
 “Construction of Regional Food Baskets for Poverty Measurement in Mexico” Sep 2012

STATA Users Meeting 2009 at Universidad Iberoamericana (UIA)
 “Stata in the measurement and analysis of poverty in Mexico” Apr 2009

TEACHING
EXPERIENCE

Tulane University: Instructor

“Introduction to Microeconomics” Spring 2017

Tulane University: Teacher Assistant

Teacher Assistant for Joshua Price:

“Introduction to Macroeconomics” Fall 2017

Teacher Assistant for Toni Weiss:

“Introduction to Microeconomics” Fall 2015, Fall 2018

“Introduction to Macroeconomics” Spring 2016

Teacher Assistant for Nora Lustig:

“Economics of Poverty” Fall 2014, Spring 2015, Spring 2018

“Poverty and Inequality in Latin America” Spring 2018

Teacher Assistant for Armine Shahoyan:

“Introduction to Microeconomics” Fall 2014, Spring 2015

Universidad Autonoma Metropolitana Iztapalapa (UAMI), Graduate Program in Social Economics: Invited Instructor

“Database management and statistical analysis using STATA” Spring 2011, Fall 2012

Instituto Tecnologico Autonomo de Mexico (ITAM): Invited Instructor

Invited by the economics student society to teach three 20 hours workshops for basic and advanced Stata users: “Data management for social and economic analysis using STATA” Fall 2011, Spring 2012

Universidad Iberoamericana (UIA): Teacher Assistant

Teacher Assistant to Patricia Lopez Rodriguez:

“Poverty, Inequality and Development” 2007-2009

Teacher Assistant to Graciela Teruel Belismelis:

“Impact Evaluation of Social Programs” 2009

HONORS, AWARDS
AND GRANTS

Tulane University

JE Land Fund for Student Travel 2018

GSSA Travel Funding Summer 2018, Fall 2018

Murphy Institute Seed Grant (\$3,000)	2018
SLA Summer Merit Fellowship (\$2,500)	Summer 2017
School of Liberal Arts Fellowship (Full Tuition and Stipend)	2013 - 2018
Universidad Iberoamericana	
College Full Scholarship	2004 - 2008

SERVICES

Referee

Public Finance Review

Tulane University

- Working Paper Series Editor (RePEc) Jul 2016 - July 2018

SOFTWARE
LANGUAGES

Stata (Expert), Mata, SAS, L^AT_EX, R, PovMap

Spanish (Native), English (Fluent), German (Basic), French (Basic)

MEMBERSHIP

American Economic Association, Southern Economic Association, American Society of Health Economists

REFERENCES

Alan Barreca (Chair) E-mail: abarreca@ioes.ucla.edu
Associate Professor
Institute of the Environment and Sustainability
University of California, Los Angeles

Michael Darden (Committee) E-mail: mdarden4@jhu.edu
Associate Professor
Carey School of Business
Johns Hopkins University

Diego Rose (Committee) E-mail: diego@tulane.edu
Professor
Global Community Health and Behavioral Sciences
School of Public Health and Tropical Medicine
Tulane University

Toni Weiss E-mail: tweiss@tulane.edu
Lawrence M.v.D. Schloss Senior Professor of Practice
Assoc. Dir of Classroom Engagement, CELT
Economics Department
Tulane University