

## Rodrigo Aranda Balcazar

---

CONTACT INFORMATION	14 Marietta St. NW, Ste. 534 Atlanta, GA 30303 Georgia State University	404-790-6355 rarandabalcazar@gsu.edu
ACADEMIC APPOINTMENTS	Postdoctoral Research Associate, Georgia Policy Labs, Andrew Young School of Policy Studies, Georgia State University July 2019 – Present	
EDUCATION	<p><b>Tulane University</b>, New Orleans, LA</p> <p>Ph.D., Economic Analysis and Policy, 2019 Advisors: Alan Barreca, Ph.D, Michael Darden, Ph.D, and Diego Rose, Ph.D</p> <p>M.S., Economic Analysis and Policy, 2015</p> <p><b>Universidad Iberoamericana</b>, Mexico City, Mexico</p> <p>B.S., Economics, 2008</p>	
RESEARCH INTERESTS	Applied Microeconomics, Health Economics, Crime Economics, Child and Family Economics, Development Economics, Environmental Economics.	
PUBLISHED-FORTHCOMING PAPERS	<ol style="list-style-type: none"> <li>1. “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. <i>Forthcoming in Research on Economic Inequality</i></li> <li>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. <i>Lancet Planetary Health, 2020</i></li> </ol>	
WORKING PAPERS	<ol style="list-style-type: none"> <li>1. <b>“Behavioral Responses to Mass Shootings: Physical Activity, Mental Health and Labor Outcomes” Job Market Paper (Under Review)</b> <i>Abstract</i> <i>The odds of experiencing a public 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 high profile acts of violence on behavior by using information on 45 mass shootings from 2003 to 2016. Using individual-level data, I find that being within 250 miles shortly after a mass shooting, individuals overall activity levels decrease by 1.7 percent. This decline is equivalent to a daily 16 minute walk. For an average weight person, this decline would mean 50 less calories burned per day. The decline in activity is mainly explained by a 10 percent decrease in minutes of moderate to vigorous activities and are driven mostly by individuals under 30. In addition to a decrease in activity levels, I find an increase in the probability of having more days where perceived mental health is poor. And interestingly, I find and an increase in the probability of binge drinking. Finally, I also find a statistically significant decrease of 15.6 minutes worked per week shortly after a mass shooting has occurred. These results show that aside from direct victims, mass shootings also impact the short-term behavior of a broader portion of the population.</i></li> </ol>	

2. “Measuring the Impact of Calorie Labeling Laws: The Mechanisms Behind Changes in Obesity” (Main Author) with Michael Darden and Diego Rose. *R&R Health Economics*
3. “Labor versus Capital in the Provision of Public Services: Estimating the Marginal Products of Inputs in the Production of Student Outcomes” with Ali Enami and Jim Alm. *R&R Economics of Education Review*
4. “What to Expect When You’re Labeling? Calorie Labeling’s Impact on Weight Gain During Pregnancy and Birth Outcomes” (Main Author) with Koray Caglayan

WORKS IN  
PROGRESS

1. “Early Detection of Child Maltreatment and Georgia Pre-K” with Thomas Goldring and Todd Jones
2. “Stability of Subsidized Child Care Attangements in Georgia” with Dave Ribar
3. “SNAP Usage Dynamics and Charecteristics in Georgia” with Keith Teltser
4. “Climate Change, Time Use and Obesity-Related Behaviors” with Alan Barreca
5. “Environmental Impact of Carbon-Based Taxes and Subsidies on Foods” with Amelia Willits-Smith and Diego Rose
6. “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 in 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. “Subsidized Child Care in Georgia: Analysis of the CAPS Program, 2014-2017”. Georgia Policy Labs, July 2020
2. 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.

3. “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.
4. “Assessment Report of the Social Development Policy in Mexico 2012”, CONEVAL 2012. Technical team of Chapters I and II.
5. “Report on Poverty in Mexico, the country, states and municipalities 2010”, CONEVAL 2012. Collaborator and part of the technical team.
6. “Assessment Report of the Social Development Policy in Mexico 2011”, CONEVAL 2011. Technical team of Chapters I and II.
7. “Short-term Economic and Social trends and the Labor Poverty Trend Index (ITLP)”, CONEVAL 2010. Collaborator and part of the technical team.
8. “Report on Multidimensional Poverty in Mexico, 2008”, CONEVAL 2010. Collaborator and part of the technical team.
9. “Income Poverty in Mexico”, CONEVAL 2010. Collaborator and part of the technical team.
10. “Income Poverty Maps 2000”, CONEVAL. Collaborator and part of the technical team.

RESEARCH AND  
PROFESSIONAL  
EXPERIENCE

**Research Assistant**

Diego Rose August 2016 - May 2019

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

**2020** Southern Economic Association | Georgia State University

**2019** American Economic Association Annual Meeting (2) | Western Michigan University | Bates College

**2018** Southern Economic Association (2) | Annual Conference of the American Society of Health Economists (2) | Murphy Institute, Tulane University  
**2017** Murphy Institute, Tulane University  
**2013** STATA Users Meeting, Centro de Investigacion y Docencia Economicas (CIDE) | X Systemic Itinerant Seminar CEAPE - SUJ at Universidad Iberoamericana (UIA) | Universidad Autónoma de Baja California Sur (UABCS)  
**2009** STATA Users Meeting, Universidad Iberoamericana (UIA)

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, Economia Politica, Journal of Economics, Race, and Policy

**Tulane University**

- Working Paper Series Editor (RePEc) 2016 - 2018

**SOFTWARE** Stata (Expert), Mata, R, SAS, L<sup>A</sup>T<sub>E</sub>X, Python, PovMap

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

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