

## Rodrigo Aranda

---

CONTACT INFORMATION	Tel. 269-387-5526 Email. <a href="mailto:rodrigo.aranda@wmich.edu">rodrigo.aranda@wmich.edu</a>
ACADEMIC APPOINTMENTS	Assistant Professor of Economics, Department of Economics, Western Michigan University August 2023 - Present  Faculty Affiliate, Georgia Policy Labs Andrew Young School of Policy Studies, Georgia State University August 2022 - Present Postdoctoral Scholar, CESR, University of Southern California   University of Wisconsin-Milwaukee July 2021– July 2023 RCMAR Scholar, USC Minority Aging Health Economics Research Center August 2022 - July 2023 Postdoctoral Research Associate, Georgia Policy Labs, Andrew Young School of Policy Studies, Georgia State University July 2019 – July 2021
EDUCATION	<b>Tulane University</b> , New Orleans, LA  Ph.D., Economic Analysis and Policy, 2019 Advisors: Alan Barreca, Ph.D, Michael Darden, Ph.D, and Diego Rose, Ph.D  M.S., Economic Analysis and Policy, 2015  <b>Universidad Iberoamericana</b> , Mexico City, Mexico  B.S., Economics, 2008
RESEARCH INTERESTS	Applied Microeconomics, Health Economics, Economics of Aging, Crime Economics, Development Economics, Environmental Economics.
PUBLISHED- FORTHCOMING PAPERS	<ol style="list-style-type: none"> <li>1. “Taxing for healthier beginnings: The impact of a major tobacco tax hike on birth weight in Mexico” with Francisco Beltran-Silva. <i>SSM - Population Health</i>, 2025</li> <li>2. “Spells of Subsidized Childcare Arrangements and Subsidy Non-Use” with David Ribar and Caroline Lamprecht. <i>Children and Youth Services Review</i>, 2024</li> <li>3. “Developing New Scales of Personal Food Security”, with David Ribar. <i>Journal of the Academy of Nutrition and Dietetics</i>, 2023</li> <li>4. “Measuring the Impact of Calorie Labeling Laws: The Mechanisms Behind Changes in Obesity”, with Michael Darden and Diego Rose. <i>Health Economics</i>, 2021</li> <li>5. “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. <i>Economics of Education Review</i>, 2021</li> <li>6. “Measuring Directional Mobility: The Bartholomew and Prais-Bibby Indices Reconsidered” Satya R. Chakravarty, Nachiketa Chattopadhyay, Nora Lustig and Rodrigo Aranda. <i>Research on Economic Inequality</i>, 2020</li> </ol>

7. “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. *Lancet Planetary Health*, 2020

#### WORKING PAPERS

1. “A League of Their Own: The Effect of Female Youth Sports Participation on Health Behaviors and Outcomes from Adolescence to Retirement Age”, with Titus Galama, and Kevin Thom.
2. “Effects of Adolescent Athletic Participation on Adult Women’s Cognitive Health”, with Emma Aguila, Titus Galama, and Kevin Thom.
3. “The Impact of Education on Cognitive Function of Low Socioeconomic Status Older Adults” with Emma Aguila.
4. “Behavioral Responses to Mass Shootings: Physical Activity, Mental Health and Labor Outcomes”.
5. “What to Expect When You’re Labeling? Calorie Labeling’s Impact on Weight Gain During Pregnancy and Birth Outcomes” with Koray Caglayan.

#### WORKS IN PROGRESS

1. “Sporting Opportunities and Intergenerational Health Transmission: Measuring the Effect of Title IX on Generational Health Outcomes” with Titus Galama and Kevin Thom.
2. “Hazy Lines? Health Behaviors, Cannabis Policy, and the Legacy of Pre-Legalization Markets” with Tiffanie Perrault and Gashaw Mekonen.
3. “Beyond the Diamond: Human Capital Impacts of Baseball Role Models on Dominican Children”, with Susan Pozo and Juan Rodriguez-Nuñez.
4. “The Lasting Health Impact of Early Adverse Environmental Exposure: The Case of Mexico”, with Carmen Carrion Flores and Enrique Minor Campa.
5. “Trade Liberalization and Healthy Aging: Evidence from Mexico”, with Francisco Beltran Silva, and Ali Enami.
6. “The Impact of Drug-Related Violence on Healthy Aging: The Case of Mexico’s War on Drugs” with Francisco Beltran Silva.
7. “Climate Change, Time Use and Obesity-Related Behaviors” with Alan Barreca
8. “Trans Fats and Hypertensive Disorders during Pregnancy: Evidence from New York State Trans Fat Bans” with Koray Caglayan
9. “Environmental Impact of Carbon-Based Taxes and Subsidies on Foods” with Amelia Willits-Smith and Diego Rose

#### 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. “The Stability of Subsidized Childcare in Georgia”, With David Ribar. Georgia Policy Labs, February 2022
2. “Subsidized Child Care in Georgia: Analysis of the CAPS Program, 2014-2017”. Georgia Policy Labs, July 2020
3. 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.
4. “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.
5. “Assessment Report of the Social Development Policy in Mexico 2012”, CONEVAL 2012. Technical team of Chapters I and II.
6. “Report on Poverty in Mexico, the country, states and municipalities 2010”, CONEVAL 2012. Collaborator and part of the technical team.
7. “Assessment Report of the Social Development Policy in Mexico 2011”, CONEVAL 2011. Technical team of Chapters I and II.
8. “Short-term Economic and Social trends and the Labor Poverty Trend Index (ITLP)”, CONEVAL 2010. Collaborator and part of the technical team.
9. “Report on Multidimensional Poverty in Mexico, 2008”, CONEVAL 2010. Collaborator and part of the technical team.
10. “Income Poverty in Mexico”, CONEVAL 2010. Collaborator and part of the technical team.
11. “Income Poverty Maps 2000”, CONEVAL. Collaborator and part of the technical team.

#### PRESENTATIONS

**2025** Annual Conference of the American Society of Health Economists | Gateway to Global Aging’s Education, Aging, and Health Conference | Southern Economic Association (2)

**2024** American Economic Association Annual Meeting | Western Michigan University | Grand Valley State University | Southern Economic Association

**2023** University of Southern California (USC-RCMAR) | RCMAR 2023 Annual Meeting | Western Michigan University | Annual Conference of the American Society of Health Economists | International Conference on Aging in the Americas | Southern Economic Association

**2022** Southern Economic Association | University of Southern California (USC-RCMAR)  
**2021** Pontificia Universidad Javeriana | Georgia State University | Tecnológico de Monterrey | Mohammed VI Polytechnic University  
**2020** 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 Investigación y Docencia Económicas (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

##### **Western Michigan University University: Instructor**

“Behavioral Economics” Spring 2026  
 “Health Economics” Fall 2025  
 “Microeconomic Analysis (MA in Economics Class)” Spring 2025, Spring 2026  
 “The Economics of Medical Care” Fall 2024  
 “Intermediate Microeconomics” Spring 2024, Spring 2025, Spring 2026  
 “Principles of Microeconomics” Fall 2023 (x2), Spring 2024, Summer 2024, Fall 2024, Summer 2025

##### **Tulane University: Instructor**

“Introduction to Microeconomics” Spring 2017

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

“Database Management and Statistical Analysis using STATA” Spring 2011, Fall 2012

##### **Instituto Tecnológico Autónomo de México (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

#### HONORS, AWARDS AND GRANTS

##### **Western Michigan University**

College of Arts and Sciences Summer Research Assistantship (\$5,000, PI) Summer-2025

WMUx AI Teaching Innovation Mini-Grants 2025 (\$3,120, PI) 2025

##### **University of Southern California**

NIA/NIH University of Southern California - Resource Center for Minority Aging Research (RCMAR) Pilot Grant Recipient. (\$27,000, PI) 2022-2023

##### **Georgia State University**

USDA-ERS 25 Years of Food Security Measurement Grant (\$50,000, Co-PI) 2021

##### **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**

Full College Scholarship	2004 - 2008
--------------------------	-------------

**RESEARCH AND  
PROFESSIONAL  
EXPERIENCE****Research Assistant**

- Diego Rose, Tulane University Aug 2016 - May 2019  
Academic work: Wellcome Trust Research Grant study of environmental impact of choices in food consumption
- Michael Darden, Tulane University Aug 2016 - Dec 2016  
Health economics, academic work
- Nora Lustig, Tulane University Jul 2014 - Dec 2015  
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 - Jul 2013
Statistical Analysis Department Chief	Nov 2009 - Dec 2011
Consultant	Dec 2007 - Oct 2009

**SERVICES****Referee**

American Journal of Health Economics, Economia Politica, Journal of Economics, Race, and Policy, Public Finance Review, Economics and Human Biology, Journal of Population Economics.

**Honors Thesis Advising**

Cecelia Chapleau, WMU. Thesis Chair. Placement: Boston Fed Research Assistant

William Robb, WMU. Thesis Committee Member

Jazmyn Weddig, WMU. Thesis Committee Member

**Departmental Service**

Graduate Studies Committee (WMU) 2023, 2024, 2025

Undergraduate Studies Committee (WMU) 2025

### **Miscellaneous**

Tulane University Economics Department Working Paper Series Editor (RePEc)  
2016 - 2018

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

**LANGUAGES** Spanish (Native), English (Fluent)

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