Antonio Pedro Ramos

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Academic Positions

- Research Scientist, California Center for Population Research and Department of Biostatistics, Fielding School of Public, UCLA. 2018-present.
- Visiting Scholar, Brazilian School of Business and Public Administration, Getulio Vargas Foundation, Rio de Janeiro, Brazil, 2020-present.
- Postdoctoral Scholar, California Center for Population Research and Department of Biostatistics, Fielding School of Public Health, UCLA, 2016-2018.
- Postdoctoral Scholar, World Policy Center Analysis, Fielding School of Public Health, UCLA 2014-2016.
- Summer Associate, California Center for Population Research, Summer 2014.

Education

University of California, Los Angeles

Ph.D., Political Science (Summer 2014).
- Dissertation: The Politics of Health and Health Inequality in The Developing World.
- Concentration: Comparative Politics (with Distinction) and Political Methodology.
- Committee: Barbara Geddes (Chair), Jeff Lewis, Michael Ross, Miriam Golden, Mark Handcock (Statistics), Robert Weiss (Biostatistics), and Patrick Heuveline (Demography).

M.S., Statistics (Summer 2013).
- Concentration: Hierarchical/Longitudinal Models and Bayesian Data Analysis.
- Committee: Mark Handcock (Chair), Nicolas Christou, and Ying Nian Wu.

Iuperj: Instituto Universitário de Pesquisa do Rio de Janeiro (Brazil)

M.A., Political Science (March 2002).

PUC-Rio: Pontifícia Universidade Católica do Rio de Janeiro (Brazil)

B.A., Psychology (March 2000).

Grants

"Measuring Inequality in Early-Life Mortality Across Births In the Developing World"
K99/R00 Path to Independency Award, Eunice Kennedy Shriver National Institute of Child Health & Human Development (NIHCD), $993,780.00, 2016-21

"Online Dissemination and Software Development for Measures of Inequality in Child Mortality"
High Impact Data Initiative Grant Program, Fielding School of Public Health,
University of California, Los Angeles (UCLA) $50,000.00, 2017-20

"Improving Programming Targeting and Reducing Health Inequalities by better Identifying high risk births in Brazil: An approach using large administrative data sets and Machine Learning Algorithms" Centro de Pesquisa Aplicada, FGV: R$98,800.00, UCLA: $60,000.00, 2018-21

PEER-REVIEWED JOURNALS PUBLICATIONS	"Where has democracy helped the poor? Democratic transitions and early-life mortality at the country level" (with Martin Flores, and Michael Ross) *Social Science and Medicine*, 2020, (265), p.113442.
	"Leave No Child Behind: Using data from 4.5 Million Children from 77 Developing Countries to Improve Equity Based Child Survival Strategies" (with Robert Weiss and Martin Flores) *PlosOne*, 2020, 15, (10), p.1-23
	"Improving Program Targeting to Combat Early-life Mortality by Identifying High Risk Births in India" (with Robert Weiss and Jody Heymann) *Population Health Metrics*, 2018,16,(1), p.1-7
PAPERS UNDER REVIEW/REVISION FOR PUBLICATION IN PEER REVIEWED JOURNALS	"Effects of Randomized Corruption Audits on Early-Life Mortality in Brazil" (with Simeon Nitcher and Leiwen Gao) Under Review at *The Lancet*
	Beyond poverty as a proxy: reducing inequality in infant mortality by identifying and targeting higher risk births" (with Chad Hazlet and Stephen Smith) Invited revision at *Proceeding of National Academy of Sciences*
	"Measuring Within and Between Group Inequality in Early-Life Mortality Over Time: A Bayesian Approach with Application to India" (with Robert Weiss) Under Review at *Demography*
	"Explaining the Decline of Child Mortality in 44 Developing Countries: An Bayesian extension of Oaxaca Decomposition for Probit Random Effects Models" (with Patrick Heuveline, Robert Weiss, Leiwen Gao and Martin Flores) Under Review at *Sociological Methodology*
MANUSCRIPTS IN PROGRESS	"Evaluating Summary Measures of Inequality in Early-Life Mortality".(with Robert Weiss) Paper to be Presented at Population of American Association Annual Meeting, 2020, Washington DC
	"The case for monitoring inequality in early-life mortality among Individuals".(with Robert Weiss and Martin Flores) Paper to be Presented at Population of American Association Annual Meeting, 2020, Washington DC
	"Improving Programming Targeting and Reducing Health Inequalities by better identifying high risk births in Brazil: An approach using large administrative data sets and Machine Learning algorithms"(with Chad Hazlet and Fábio Caldieraro)
INVITED PRESENTATIONS	"Effects of Randomized Corruption Audits on Early-Life Mortality in Brazil" Getúlio Vargas Foundation, EMAP, Rio de Janeiro, Brazil, 2021 (Scheduled)
	"Effects of Randomized Corruption Audits on Early-Life Mortality in Brazil" Getúlio Vargas Foundation, EBAPE, Rio de Janeiro, Brazil, 2020
	"On the measurement of Inequality in Early-Life Mortality in the Developing World" CEDEPLAR, UFMG, Belo Horizonte, Brazil, 2019
	"On the measurement of Inequality in Early-Life Mortality in the Developing World"

UCLA School of Public Health, Department of Biostatistics, 2019

"Leaving no Child Behind: Combining Information from Multiple Risk Factors to Improve the Monitoring of Global Inequality: An Analysis of 4.5 millions Births from Demographic and Health Surveys"
Department of Biostatistics, University of California, Los Angeles, 2019

"Measuring Within and Between Group Inequality in Early-Life Mortality Over Time: A Bayesian Approach with Application to India"
EASPE-FGV, São Paulo, Brazil, 2018

"Measuring Inequality in Early-Life Mortality within and Between Groups of Births: An Analysis of 5.5 million births from the Demographic and Health Surveys"
Department of Demography, State University of São Paulo, Brazil, 2018

"Leaving no Child Behind: Combining Information from Multiple Risk Factors to Improve the Monitoring of Global Inequality : An Analysis of 8 millions Births from Demographic and Health Surveys.
International Center for Equity in Health, Pelotas, Brazil, 2018

"Measuring Within and Between Group Inequality in Early-Life Mortality Over Time: A Bayesian Approach with Application to India "
International Center for Equity in Health, Pelotas, Brazil, 2018

"Measuring Within and Between Group Inequality in Early-Life Mortality Over Time: A Bayesian Approach with Application to India"
Insper, São Paulo, Brazil, 2018

"Measuring Within and Between Group Inequality in Early-Life Mortality Over Time: A Bayesian Approach with Application to India"
School of Public Administration, Getúlio Vargas Foundation, Rio de Janeiro, Brazil, 2018

"Measuring Inequality in Early-Life Mortality within and Between Groups of Births"
Center for HIV Identification, Prevention and Treatment, Los Angeles, CA, 2016

"How should we measure Inequality in Early-Life Mortality?"
American Sociological Association Methods Mini-Conference, San Diego, CA, 2015

CONFERENCE PRESENTATIONS (SINCE 2015)

"Explaining the Decline of Child Mortality in 44 Developing Countries: An Bayesian extension of Oaxaca Decomposition for Probit Random Effects Models
Population Association of American Annual Meeting, Austin, Texas, 2019

"Democratizations' Heterogeneous Effects on Child Mortality: A Longitudinal Analysis of New Data, for 181 countries, 1970-2009 (with Martin Flores, and Michael Ross"
Population Association of American Annual Meeting, Austin, Texas, 2019

"Leaving no Child Behind: Combining Information from Multiple Risk Factors to Improve the Monitoring of Global Inequality : An Analysis of 8 millions Births from Demographic and Health Surveys"
Population Association of American Annual Meeting, Denver, CO, 2018

"Measuring Within and Between Group Inequality in Early-Life Mortality Over Time: A Bayesian Approach With Application to India"

Population Association of American Annual Meeting, Denver, CO, 2018

"Improving Program Targeting to Combat Early-life Mortality by Identifying High Risk Births in India"
Population Association of American Annual Meeting, Denver, CO, 2018

"How to Measure Inequality Across All Births?"
Population Association of American Annual Meeting, Washington, DC, 2016

"Has Democracy Reduced the Rich-Poor Gap in Child Mortality? An Analysis of 5 Million Births from 50 Developing Countries Since 1970"
Population Association of American Annual Meeting, Washington, DC, 2016

OTHER CONFERENCE PRESENTATION	Society for Political Methodology Summer Meeting (2010, 2011, 2012). Midwest Political Science Association (2013, 2014, 2015).
HONORS AND AWARDS	**UCLA** Qualifying Research Paper with Distinction (Comparative Politics). **UCLA** Dissertation Year Fellowship, 2013-2014. **UCLA** Political Science, Departmental Fellowship, 2011-2012. **UCLA** Political Science, Summer Funding Support, 2008-2012. **Institute For Humane Studies** Humane Studies Fellowship, 2010. **UCLA** Latin American Institute, Summer Travel Support, 2010, 2012. **UCLA** Shapiro Fellowship for PhD Studies, 2007-2008. **CNPq** (Brazilian Foundation) Fellowship for MA Studies, 2001-2002. **CNPq** Fellowship for Undergraduates Studies, 1998-2000. **PUC-Rio** Fellowship for Undergraduate Studies, 1998-2000.
DATA HARMONIZATION	**Demographic and Health Surveys (DHS) and Multiple Indicators Cluster Surveys (MICS)** I have harmonized hundreds of MICS and DHS surveys with detailed records of 8.5 million births from 89 developing countries. I am currently using this data for several projects. This data set is currently being updated.
PROFESSIONAL ASSOCIATIONS	Population of American Association; American Political Science Association; Midwest Political Science Association; Society for the Political Methodology; American Statistical Association
INVIATED DISCUSSANT	• **Statistical Demography** Section. Population of American Association Conference, 2015. • **Gains and Gaps in Life Expectancy** Section. Population of American Association Conference, 2019 (scheduled).
REVIEWER	Lancet Global Health; Social Science and Medicine; Demography; PlosOne; PlosOne: Medicine; Latin American Politics and Society; Review of Development Economics; Political Science Research Methods; Population Health Metrics; Social Science and Medicine; Cadernos de Saúde Pública.
TEACHING EXPERIENCE	**UCLA: Teaching Assistantship, 2008-2010** Latin American Politics (Prof. Barbara Geddes) Introduction to Statistics (Prof. James DeNardo, Prof. John Zaller) Introduction to Comparative Politics (Prof. Jorge Bravo, Prof. Daniel Posner) Political Economy of Development (Prof. Michael Ross)

SUPLEMENTARY TRAINNING	**Berkeley Summer Workshop in Formal Demography (June 4-8, 2018)** Week long seminar on advanced demographic methods funded by NICHD.
	Bayesian Small Area Estimation using Complex — Survey Data: Methods and Applications (April 24-24, 2018) Two day intensive workshop taught by Jon Wakefield (Statistics and Biostatistics, University of Washington), Richard (Zehang) Li (Statistics, University of Washington) and Samuel Clark (The Ohio State University, Columbus, Ohio).
PROFESSIONAL MEMBERSHIP	Population Association of America American Political Science Association Society for the Political Methodology American Statistical Association
COMPUTER SKILLS	Advanced R, JAGS/BUGS, LaTeX, SQLite, PostgreSQL, Unix.
LANGUAGES	English (fluent); Portuguese (native); Spanish, French and Italian (reading skills and basic conversation)

REFERENCES

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