

Antonio Pedro Ramos

CONTACT INFORMATION

California Center of Population Studies (CCPR)
Fielding School of Public Health
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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, Getúlio 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.

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 AND FELLOWSHIPS (SINCE 2015)

“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, 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, 2017-20

“Capes-PrInt: CNPq/Brazilian Ministry of Science and Technology”
Brazilian School of Business and Public Administration (EBAPE)
Getúlio Vargas Foundation \$ 188,000, 2020

“Using Big Data and Machine Learning to Improve Program Targeting and Reduce Inequalities in Child Health”
Rede de Pesquisa Aplicada, Getúlio Vargas Foundation \$ 108,000, 2020–22

PUBLICATIONS IN
PEER REVIEWED
JOURNALS

“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**:15

“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)
PLoS ONE 15(10): e0238847

“Where has democracy helped the poor? Democratic transitions and early-life mortality at the country level: A Longitudinal Analysis of New Data, for 181 countries, 1970-2009. (with Martin Flores, and Michael Ross)” Accepted for Publication at *Social Science and Medicine*

PAPERS UNDER
REVIEW FOR
PUBLICATION IN
PEER REVIEWED
JOURNALS

“Measuring Within and Between Group Inequality in Early-Life Mortality Over Time: A Bayesian Approach with Application to India.” (with Robert Weiss) Under Review

“Explaining the Decline of Child Mortality in 44 Developing Countries: A Bayesian extension of Oaxaca Decomposition for Probit Random Effects Models” (with Patrick Heuveline Robert Weiss, Leiwen Gao and Martin Flores). Under Review

“Has Democracy Reduced Inequality in Child Mortality? An Analysis of 5.5 Million Births from 52 Low and Middle Income Countries” Under Review

“Effects of Randomized Corruption Audits on Early-Life Mortality in Brazil”
(with Simeon Nitcher, Leiwen Gao and Robert Weiss) Under Review

MANUSCRIPTS IN
PROGRESS FOR
SUBMISSION FOR
PEER REVIEWED
JOURNALS

“Improving the targeting of infant mortality interventions: An Application to Sub-Saharan Africa using Demographic and Health Surveys”.(with Chad Hazlett and Stephen Smith)
Paper to be Presented at Population of American Association Annual Meeting, 2020, Washington DC

“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

INVITED
PRESENTATIONS

“Effects of Randomized Corruption Audits on Early-Life Mortality in Brazil”
School of Public Administration, Getúlio Vargas Foundation, Rio de Janeiro, Brazil, 2018.

“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.

“Identifying High Risks Births to Improve Program Targeting to Combat Infant Mortality?”
The Institute for Health Metrics and Evaluation (IHME), Seattle, WA, (Scheduled).

“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: A 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

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 187 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.

Brazilian Child Health Data

Currently harmonizing and geocoding individual level data on 38 million births in Brazil in the last decade; includes data on demographics, socioeconomic and access health services for each birth.

PROFESSIONAL
ASSOCIATIONS

Population of American Association; American Political Science Association; Midwest Political Science Association; Society for the Political Methodology; American Statistical Association

CHAIR AND
DISCUSSANT

- **Statistical Demography** Section. Population of American Association Conference, 2015.
- **Gains and Gaps in Life Expectancy** Section. Population of American Association Conference, 2019.

REVIEWER

Latin American Politics and Society; Review of Development Economics; Political Science Research Methods; Population Health Metrics, Cadernos de Saúde Pública, Demography.

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)

SUPPLEMENTARY
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) and Samuel Clark (The Ohio State University, Columbus, Ohio).

COMPUTER SKILLS Advanced R, JAGS/BUGS, L^AT_EX, SQLite, PostgreSQL, Unix.

LANGUAGES English (fluent); Portuguese (native); Spanish, French and Italian (reading skills and basic conversation)

REFERENCES

Prof. Robert Weiss
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