#### Carolina I. Cardona

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#### RESEARCH INTERESTS

Health Economics, Economic Demography, Population Dynamics, Sexual and Reproductive Health, Family Planning.

# **EDUCATION**

#### Johns Hopkins University, Bloomberg School of Public Health, Baltimore, MD, USA

Dec. 2021 (exp.) Ph.D. Candidate, Health Economics, Department of Population, Family and

Reproductive Health

Dissertation: Essays on Consumer Behavior and the Dynamics of Contraceptive

Use

Advisors: Philip Anglewicz and David Bishai

May 2016 Master of Health Science (MHS), Health Economics, Department of International

Health

Advisor: David Bishai

# Universidad Privada Boliviana, Cochabamba, Bolivia

2011 B.A. Economics

#### **EMPLOYMENT**

# Johns Hopkins University, Baltimore, MD, USA

2017–present Research Assistant, Bill & Melinda Gates Institute for Population & Reproductive Health, Department of Population, Family and Reproductive Health

- Performance Monitoring and Accountability (PMA), supervisors include Amy Tsui, Philip Anglewicz, Elizabeth Gummerson
  - Conducted quantitative research aiming to understand the determinants of women's contraceptive behavior, acknowledging the presence of endogenous right-hand-side variables. Presented this work at conferences. Drafted manuscripts of the analysis and submitted them to peer-review journals.
- Demographic Dividend, supervisors include Jean Christophe Rusatira, Oying Rimon, Saifuddin Ahmed
  - Co-developed a tool to assess government efforts to provide a favorable policy environment to harness the benefits of a demographic dividend in sub-Saharan African countries. Presented this work at conferences. Drafted manuscripts of the analysis and submitted them to peer-review journals.
- The Challenge Initiative (TCI), supervisors include Ian Salas
  - Conducted quantitative research measuring the relationship between fertility outcomes and the provision of contraceptive supplies in sub-Saharan Africa. Presented this work at conferences.

2020–present Research Assistant, Department of Economics, Robert Moffitt

• Conducted research using the Survey of Income and Program Participation data to measure the evolution of U.S. spending on social welfare programs.

# 2017–present

Research Assistant, Department of Population, Family and Reproductive Health, David Bishai

- Developed an algorithm to find the date of bending for epidemiological curves. This algorithm was used to analyze the social determinants of the spread of COVID-19 in U.S. counties, U.K. boroughs, and globally.
- Analyzed spending data of U.S. counties to assess the relationship between non-medical spending on life expectancy using a structural equation modeling approach.
- 2016–2017 Independent Contractor, Department of Population, Family and Reproductive Health, David Bishai
  - Analyzed spending data to assess the relationship between non-medical spending on life expectancy at birth in Florida counties.
- 2015–2016 Research Assistant, Department of Population, Family and Reproductive Health, David Bishai
  - Assembled a database of socioeconomic measures for the years 1950-2010 to measure
    the gains and losses of life expectancy at birth worldwide. Analyzed these data and
    drafted the manuscript.

# Pan American Health Organization, Washington, DC, USA

- 2016–2017 Social Epidemiology Consultant, Special Program on Sustainable Development and Health Equity
  - Co-led and organized a training workshop given to the District Health Secretary of Bogota, Colombia to strengthen their capabilities to develop and use evidence to measure health inequalities related to socioeconomic status.
  - Co-developed an Excel spreadsheet to track and measure socioeconomic inequalities in health using survey estimations.
  - Conducted research to measure socioeconomic inequalities and geographical patterns in infant mortality in Bolivia using censuses and survey data.

# Ministerio de Planificación del Desarrollo, La Paz, Bolivia

- 2014–2015 Economist IV–MDG Indicators, Social Policy Department, Unidad De Análisis de Políticas Sociales y Económicas (UDAPE)
  - Estimated national and sub-national mortality indicators for under-five and infant mortality using censuses and survey data. These are the official estimations of the Bolivian government.
  - Estimated national and sub-national indicators of access to improved water sources and improved sanitation facilities using censuses and survey data. These are the official estimations of the Bolivian government.
  - Conducted research to examine the social determinants of inequalities in child malnutrition in Bolivian municipalities.

# Instituto de Estudios Avanzados en Desarrollo (INESAD), La Paz, Bolivia

- 2011–2014 Junior Researcher, Department of Economics of Wellbeing
  - Developed the bi-annual financial and progress reports submitted to the Think Tank Initiative of the International Development Research Centre that was the core funding of INESAD.

- Assisted multiple research projects related to education and health. I was responsible
  of cleaning and analyzing the data using Stata. I would also draft the methodological
  and result sections.
- Supported the organization of seminars and conferences.

# Universidad Privada Boliviana, La Paz, Bolivia

- 2010–2011 Undergraduate Research Assistant, Consultancy and Training Area
  - Assisted research projects related to education and labor markets. Developed code to clean labor market datasets using Stata.
  - Assembled a database of measures that captured the supply of college majors to match with the labor market requirements.

#### **AWARDS AND HONORS**

- 2020–2022 **Bill & Melinda Gates Institute for Population and Reproductive Health**, Johns Hopkins Bloomberg School of Public Health, Department of Population, Family and Reproductive Health. Dissertation support.
- 2018–2022 **Endowed Student Support Fund**, Johns Hopkins Bloomberg School of Public Health. Outstanding project in population control studies in developing countries. Dissertation support.
- Fogarty Global Health Trainee Program, National Institutes of Health, Department of International Health, Johns Hopkins Bloomberg School of Public Health.
- Fellowship in Family Planning and Reproductive Health, Johns Hopkins Bloomberg School of Public Health, Department of Population, Family and Reproductive Health. Outstanding work in family planning and reproductive health research.
- 2020 **Best Five Development Economics Paper**, Bolivian Conference on Development Economics, Bolivian Academy of Economic Science.
- 2019–2020 **Young J. Kim Memorial Scholarship**, Johns Hopkins Bloomberg School of Public Health, Department of Population, Family and Reproductive Health. Outstanding student in demography and population research.
- 2015–2016 **Fulbright Foreign Student Program**. U.S. Department of State's Bureau of Educational and Cultural Affairs. Scholarship awarded for the MHS program in Health Economics.
- 2015 **Alumni Engagement Innovation Fund**. U.S. Department of State's Bureau of Educational and Cultural Affairs. Award for outstanding project among Fulbright scholars.
- 2007–2010 **100 Becas para los 100 Mejores**. Universidad Privada Boliviana. Tuition support.

# PROFESSIONAL TRAINING

- May 2019 Certificate in Demographic Methods, Department of Population Family and Reproductive Health, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
- May 2019 Certificate in Public Health Economics, Department of Population Family and Reproductive Health, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
- May 2019 Certificate in Population and Health, Department of Population Family and Reproductive Health, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

Dec. 2012 Certificate in Quantitative Methods for Economic Analysis, Department of Economics, Universidad Privada Boliviana, La Paz, Bolivia

#### PROFESSIONAL MEMBERSHIPS

Population Association of America (PAA), International Health Economics Association (iHEA), American Public Health Association (APHA), Latin American and Caribbean Economic Association (LACEA), Sociedad de Economistas de Bolivia (SEBOL)

#### **PUBLICATIONS**

# Peer Reviewed:

Articles

- Cardona, C., Bishai, D., Anand, N.S., Alfonso, N., Leider, J.P., McCullough, J.M., Resnick, B. County Health Outcomes Linkage to County Spending on Social Services, Infrastructure, and Law and Order. *Social Science and Medicine-Population Health*, 16, 100930.
- Anglewicz, P., Cardona, C., Akinlose, T., ... & The PMA Agile Principal Investigators Group. (2021). Service Delivery Point and Individual Characteristics Associated with Modern Contraceptive Adoption: A Multi-Country Longitudinal Analysis. *PLoS ONE*, 16(8), e0254775.
- Tsui, A. O., **Cardona, C.**, Srivatsan, V., OlaOlorun, F., Omoluabi, E., Akilimali, P., ... & Anglewicz, P. (2021). Is Client Reporting on Contraceptive Use Always Right? Results on Consistency and Change from a Multi-Country Study. *Studies in Family Planning*, 52(3):361-382. doi: 10.1111/sifp.12172. Epub 2021 Aug 12. PMID: 34383305.
- Acharya, A., Wolfson, C., Matta, S., **Cardona, C.**, Lamba, S., Bishai, D. (2021). The Role of Public Health Expenditures in COVID-19 control: Evidence from Local Governments in England. *Social Science and Medicine-Population Health*, 100861.
- Tsui, A., Anglewicz, P., Akinlose, T., Srivatsan, V., Gichangi, P., Guiella, G., Kayembe, P., Omoluabi, E., OlaOlorun, F., Sodani, P. R., Thiongo, M., Byrne, M., Dreger, K., Decker, M., Cardona, C., Muhoza, P., Combs, C., Koffi, A., Radloff, S. (2020). Performance Monitoring and Accountability: The Agile Project's Protocol, Record and Experience. *Gates Open Research*, 4(30), 30.
- Cardona, C., Bishai, D. (2018). The Slowing Pace of Life Expectancy at Birth since 1950. *BMC Public Health*, 18(1), 151.
- Bishai, D., Cardona, C. (2017). Aggregate Health Spending. The Lancet. 390 (10095), 647.

# **Book Chapters**

- **Cardona, C.**, Bishai, D. "Identifying Countries with Exceptionally Rapid Gains in Life Expectancy–a Quantitative Approach" in *Achieving Health for All–Primary Health Care in Action*. Johns Hopkins University (JHU) Press, 2020 pp. 56-69.
- Andersen, L, **Cardona, C.**, Del Granado, S., Doyle, A. S., Valdivia, M. "Water, a key element for well-being and development" in *The ABC of Development in Bolivia* (In Spanish). Ed. Fundación INESAD, 2016 pp. 17-24.
- Molina, O. Cardona, C. "Inequalities in the Bolivian health sector" in *Bolivia: beyond the income inequality* (In Spanish). Ed. Fundación Friedrich Ebert Stiftung (FES), 2016 pp. 105-128.

Branisa, B. Cardona, C. "Social institutions and gender inequality in fragile states: are they relevant for the post-MDG debate?" in *Southern Perspectives on the Post-2015 International Development Agenda*. Ed. Routledge, 2016 pp. 174-190.

# Reports

- Pardo, R., Lizarraga, S., Franco, B., Vidal, C., **Cardona, C.** Infant Mortality and Under-Five Mortality in Bolivia: Department and Municipal Estimations (In Spanish). Ministerio de Planificación del Desarrollo, Unidad de Análisis de Políticas Sociales y Económicas (UDAPE), 2018. <a href="https://www.udape.gob.bo/portales\_html/docsociales/mortalidad-infantil-ninez-Bolivia.pdf">https://www.udape.gob.bo/portales\_html/docsociales/mortalidad-infantil-ninez-Bolivia.pdf</a>
- Cardona, C., Vidal, C. Progress in access to improved water sources and improved sanitation facilities in Bolivia (In Spanish). Ministerio de Planificación del Desarrollo, Unidad de Análisis de Políticas Sociales y Económicas (UDAPE) and Fondo de las Naciones Unidas para la Infancia (UNICEF), 2016. https://www.udape.gob.bo/portales html/docsociales/LIBRO AGUA2016.pdf

# Articles submitted for peer review:

- **Cardona, C.** Moffit, R., Pauley, G. Recent Trends in the Distribution of Social Safety Net Support: Inequality in Government Transfers. Prepared for the *Inequality Reader, Stanford University Center on Poverty and Inequality*.
- **Cardona, C.**, OlaOlorun, F., Omoluabi, E., Tsui, A., Anglewicz, P. The relationship between client dissatisfaction and contraceptive discontinuation among urban family planning clients in three sub-Saharan African countries. Submitted to *Health Policy and Planning*.
- Lamba, S., Wolfson, C., **Cardona, C.**, Alfonso, Y. N., Gemmill, A., Resnick, B., Leider, J. P., McCullough, J. M., Bishai, D. Did past public health spending improve early COVID-19 response? Evidence from U.S. counties. Submitted to *Journal of Public Health Management and Practice*.
- Gummerson, E., Cardona, C., Anglewicz, P., Zachary, B., Guiella, G., Radloff, S. The economic impact of COVID-19 in sub-Saharan Africa: evidence from four countries. Submitted to *PLOS One*
- Anand, N.S., Bishai, D., **Cardona, C.**, Alfonso, N., Leider, J.P., McCullough, J.M., Resnick, B. Impact on Population Health of County Government Spending on Social Determinants of Health. Submitted to *American Journal of Preventive Medicine*.
- **Cardona, C.**, Rusatira, J. C., Cheng, X., Silberg, C., Salas, I., Li, Q., Bishai, D., Rimon, J. G. Generating and Capitalizing on the Demographic Dividend Potential in Sub-Saharan Africa: A Conceptual Framework from a Systematic Literature Review. Submitted to *Gates Open Research*.

# Work in progress:

- **Cardona, C.**, Anglewicz, P. The power of contraception in Kenya: Can the use of family planning methods increase young women's financial aspirations?
- **Cardona, C.,** Resnick, B., Lamba, S., Thamilselvan, V., Leider, J. P., Gemmill, A., Bishai, D. Quantifying avoidable COVID-19 deaths in U.S. counties.
- **Cardona, C.**, Rusatira, C., Salmeron, C., Ahmed, S. Progress in reducing inequalities in modern contraceptive use in FP2020 focus countries, results from 46 countries using a cross-sectional design.
- Rusatira, C., Cardona, C., Martinez, M., Ahmed, S., Rimon, G. J. (2020). Demographic Dividend Effort Index for Sub-Saharan Africa.
- Chen, X., Prata-Menezes, N., Rusatira, J. C., Cardona, C., Kundu, F., Nyakwara, P., Mwangi, M., Odeku, M., Kiobo, D., Castro, J., Ibeawuchi, C., Lincoln, J. S., Ng'wanansabi, D., Mach, J., Msemo, A.,

Yusuph, N., Rimon, J. G. Demographic Dividend Favorable Policy Environment in Three Pre-Dividend African Nations: A Review of National Policies and Prospects for Policy Amendments in Kenya, Nigeria, And Tanzania.

#### Not Reviewed by Peers

Reports

Román, S., Osorio, V., **Cardona, C**., Llapaco, M. The cost and effectiveness of health interventions under the SAFCI policy. Agencia Española de Cooperación Internacional para el Desarrollo (AECID) and Medicus Mundi, 2012. Print Report.

#### TEACHING EXPERIENCE

# Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA

2019–2021 Teaching Assistant, Graduate, Econometrics I, Professor Antonio Trujillo

Led weekly lab sessions (60 minutes.) Developed course content for weekly lab sessions (slides and Stata do files.) Content included OLS regression, Oaxaca-Blinder decomposition, first-difference models, growth models, sibling models, convergence models. Graded assignments and final exam. Held weekly office hours. Managed Courseplus site.

2018–2020 Teaching Assistant, Graduate, Demographic Methods for Public Health, Professor Mary Elizabeth Hughes

Developed course content for live talks (slides.) Graded assignments. Held weekly office hours. Managed Courseplus site.

2018–2019 Teaching Assistant, Graduate, Behavioral Economics in Health Decisions, Professor Antonio Trujillo

Graded final project. Held weekly office hours. Managed Courseplus site.

2018–2019 Teaching Assistant, Graduate, Health Economics, Professor Aditi Sen

Reviewed slides for course content. Graded assignments. Held weekly office hours. Managed Courseplus site.

#### Universidad Privada Boliviana, La Paz, Bolivia

2015 Course Instructor, Undergraduate, Economics I: Principles of Microeconomics

Developed course content: introduction to economics, supply and demand, elasticity, consumer and producer surplus, public goods and common resources, decision making by individuals and firms, markets (perfect competition, monopoly, oligopoly). Developed assignments and exams. Held office hours.

# Universidad Mayor de San Simón, Cochabamba, Bolivia

Teaching Assistant, Graduate, Cost-Effectiveness Analysis in Public Health, Professor Osvaldo Nina

Co-developed course content explaining how to conduct a cost-effectiveness analysis. Graded final projects. Held office hours.

#### **MENTORSHIP**

Universidad Privada Boliviana, La Paz, Bolivia

2020–2021 Supervisor to Steffany Vucetich, currently an MHS student at John Hopkins University (2021-2022)

#### PROFESSIONAL ACTIVITIES

Referee for: Journal of Population Ageing

Member of the Scientific and Demographic Dividend subcommittee for the International Conference on Family Planning (ICFP).

Reviewer for: 2022 American Economic Association (AEA)/ Allied Social Sciences Associations, International Health Economics Association (iHEA) session.

# **CONFERENCE AND PRESENTATIONS (Past and Scheduled)**

- Cardona, C., Resnick, B., Lamba, S., Thamilselvan, V., Leider, J. P., Gemmill, A., Bishai, D. "Quantifying avoidable COVID-19 deaths in U.S. counties in 2020" Roundtable 1 at American Public Health Association 2021 Annual Meeting and Expo, October 24-27, 2021, Denver, CO, USA.
- Cardona, C., Resnick, B., Thamilselvan, V., Leider, J. P., McCollough, J. M., Bishai, D., Gemmill, A. "Who's on first? data discrepancies stymy ability to better understand, track, and prevent COVID-19" Oral session at American Public Health Association 2021 Annual Meeting and Expo, October 24-27, 2021, Denver, CO, USA.
- Anglewicz, P., Cardona, C., Gummerson, E., Decker, M. "Women's Economic Empowerment and COVID-19: Results from Kenya, Burkina Faso, Nigeria, and the Democratic Republic of Congo" Oral Session at International Health Economics Association, July 12-15, 2021. Online due to covid.
- Cardona, C., Anglewicz, P., Tsui, A. "The Relationship between Client Satisfaction with Healthcare Services and Contraceptive Discontinuation Among Urban Clients from Three Sub-Saharan African Sites" Oral Session at International Health Economics Association, July 12-15, 2021. Online due to covid.
- Lamba, S., Wolfson, C., Cardona, C., Alfonso, N. Y., Gemmill, A., Bishai, D. "Does past public health spending improve COVID-19 response?: Evidence from US counties" Oral Session at International Health Economics Association, July 12-15, 2021. Online due to covid.\*
- Anglewicz, P., Cardona, C., Gummerson, E., Decker, M., Karp, C., Wood, S., Eitmann, L. "Women's Economic Empowerment and COVID-19: Results from Kenya, Burkina Faso, Nigeria, and the Democratic Republic of Congo" Poster Session at Population Association of America 2021 Annual Meeting, May 5-8, 2021. Online due to covid.\*
- Cardona, C., Rusatira, J. C., Salmeron, C., Ahmed, S. "Progress in reducing inequalities in modern contraceptive use in FP2020 focus countries, results from 46 countries using a cross-sectional design" Poster Session at Population Association of America 2021 Annual Meeting, May 5-8, 2021. Online due to covid.
- Cardona, C., Anglewicz, P., Tsui, A. "The interrelationship between contraceptive continuation and client satisfaction with family planning services in Kenya, Nigeria, and Burkina Faso" Poster Session at Population Association of America 2021 Annual Meeting, May 5-8, 2021. Online due to covid.
- Lamba, S., Wolfson, C., Cardona, C., Alfonso, N. Y., Gemmill, A., Bishai, D. "Does past public health spending improve COVID-19 response?: Evidence from US counties" Oral Session at Population Association of America 2021 Annual Meeting, May 5-8, 2021. Online due to covid.\*

- Gummerson, E., Cardona, C., Anglewicz, P., Zachary, B., Guiella, G., Radloff, S. "Impact of Covid-19 Pandemic on Household Income and Food Insecurity in 4 countries" Oral Session at Population Association of America 2021 Annual Meeting, May 5-8, 2021. Online due to covid.\*
- Resnick, B., Cardona, C., Bishai, D. "Multi-Dimensional COVID-19 Control in US: Identifying Counties with High and Low Levels of Success" at Colorado State University School of Public Health-Systems for Action (S4A), April, 21, 2021. Online due to covid.
- Anglewicz, P., Cardona, C., Gummerson, E., Decker, M. "Women's Economic Empowerment and COVID-19: Results from PMA" Oral Session at International Conference on Family Planning, Not without FP forum, February 3, 2021. Online due to covid.
- Gummerson, E., Cardona, C., Anglewicz, P., Radloff, S. "The impact of COVID-19 on household economic dynamics in Kenya, Burkina Faso, DRC, and Nigeria" Oral Session at ASSA 2021 Annual Meeting American Economic Association, January 3-5, 2021, Chicago, USA. Online due to covid.
- Gummerson, E., Cardona, C., Anglewicz, P., Radloff, S. "The impact of COVID-19 on economic status in Kenya, Burkina Faso, Nigeria, and Democratic Republic of Congo" Oral presentation at COVID webinar series, Population Association of America, October 15, 2020. Online.\*
- Anglewicz, P., **Cardona, C.** "Women's Economic Empowerment and Covid-19: Results from Performance Monitoring for Action" Presentation at The National Academies of Science, Engineering, and Medicine, September, 2020. Online due to covid.\*
- Anglewicz, P., **Cardona, C.**, Akinlose, T., Tsui, A. Service Delivery Point and Individual Characteristics Associated with Modern Contraceptive Adoption: A Multi-Country Longitudinal Analysis. Oral Presentation at Bolivian Conference in Development Economics 2020 Annual Meeting, July 27-28, 2020, La Paz, Bolivia. Online due to covid.
- **Cardona, C.** & Salas, I. "The association between intergenerational educational mobility and family size during the 1950s and 1980s across 101 economies" Poster Presentation at 2nd Population, Poverty and Inequality Research Conference, June 22-24, 2020, Paris, France. Online due to covid.
- **Cardona, C.** & Salas, I. "The Association between Intergenerational Educational Mobility and Family Size in the 1950s and 1980s" Poster Presentation at Population Association of America 2020 Annual Meeting, April 22-25, 2020, Washington, DC, USA. Online due to covid.
- Tsui, A., Srivatsan, V., Cardona, C., Anglewicz, P. and Radloff, S. "Is the Client Always Right? Consistency in Reporting Contraceptive Use Status" Poster Presentation at Population Association of America 2020 Annual Meeting, April 22-25, 2020, Washington, DC, USA. Online due to covid.
- Cardona, C., Lamba, S., ..., Bishai, D. Estimating the Effect of U.S. County Spending on Life Expectancy. Oral Session at Interdisciplinary Association for Population Health Science 2019 Annual Conference, October 1-4, 2019, Seattle, WA, USA.\*
- Cardona, C., Rusatira, J.C., Cheng, X., Ahmed, S. & Bishai, D. "Demographic Dividend Scorecard for Africa" Lightning Talks. International Conference on Population and Development, November 12-25, 2019, Nairobi, Kenya.
- **Cardona, C.** & Salas, I. "Understanding the association between educational mobility across generations and fertility levels during the 1950s and 1980s across 101 countries". Seminar, Bill & Melinda Gates Institute for Population and Reproductive Health. Baltimore, USA, August 26<sup>th</sup>, 2019.
- Rusatira, J. C., **Cardona, C.** & Chen, X. "Developing Demographic Dividend Scorecard for Effective Policy and Socioeconomic Impact Assessment". Seminar, Bill & Melinda Gates Institute for Population and Reproductive Health. Baltimore, USA, August 20th, 2019.
- Salas, I. & Cardona, C. "Fertility Impact of Donor-Supported Contraceptives in Sub-Saharan Africa" Long Oral Session at International Health Economics Association 2019 Annual Meeting, July 13-17, 2019, Basel, Switzerland.

- Cardona, C., et al. "Estimating the Effect of County Spending on Life Expectancy at Birth in the U.S." Long Oral at International Health Economics Association 2019 Annual Meeting, July 13-17, 2019, Basel, Switzerland.
- Salas, I. & Cardona, C. "Fertility Impact of Donor-Supported Contraceptives in Sub-Saharan Africa" Oral Session at Population Association of America 2019 Annual Meeting, April 11-13, 2019, Austin, TX, USA.
- Cardona, C., & Bishai, D. "Finding Winners on National Preston Curve Trajectories. The myth of exemplary progress meets the data" Oral Session at Population Association of America 2019 Annual Meeting, April 11-13, 2019, Austin, TX, USA.
- Li, Q., Rusatira, J. C., Cardona, C., Chen, X., Salas, I., Rimon, O. "Developing Demographic Dividend Scorecard for Effective Policy and Socioeconomic Impact Assessment" Oral Session at Demographic Dividend Pre-Conference, International Conference on Family Planning, 12-15 November 2018, Kigali, Rwanda.\*
- **Cardona, C.**, & Bishai, D. "The Slowing Pace of Life Expectancy Gains since 1950" Oral Session at Population Association of America 2017 Annual Meeting, April 27-29, 2017, Chicago, USA.
- Cardona, C., & Mujica, O. "Understanding Socioeconomic Inequalities and Geographical Patterns in Infant Mortality in Bolivia" Oral Session at 7th Bolivian Conference on Development Economics, December 8-9, 2016, La Paz, Bolivia.
- Cardona, C., Román, S., & Osorio, V. "Measuring the Cost-Effectiveness of Chagas Disease Interventions in Cochabamba-Bolivia between 2001-2011" Oral Session at 4th Bolivian Conference on Development Economics, November 5-7, 2012, La Paz, Bolivia.

#### **SKILLS & INTERESTS**

Computer skills: Stata, R, ArcGis, iThink, Latex.

Languages: Spanish (native), English (fluent), Portuguese (working knowledge)

Nationality: Bolivian

Lived abroad: USA, Brazil, Panama Interests: Baking, travel, and running.

<sup>\*</sup> Presented by a co-author