

CONTACT INFORMATION mrosales@udel.edu
 www.mariafrosales.com

ACADEMIC POSITIONS

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| Assistant Professor Department of Economics University of Delaware | 2024 - present |
| Assistant Professor Department of Economics Rutgers University - Newark <i>Fall 2022: Maternity Leave</i> | 2018 - 2024 |
| Visiting Assistant Professor Department of Economics and Center for Health and Wellbeing Princeton University | 2016-2018 |
| Assistant Professor, School of Education, and Department of Economics (by Courtesy) University of California-Irvine | 2014-2018 |

AFFILIATIONS

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| Faculty Research Fellow, National Bureau of Economic Research (NBER) | 2021-present |
| Invited Researcher, Abdul Latif Jameel Poverty Action Lab | 2022-present |

EDUCATION

University of Chicago, Harris School of Public Policy, Chicago, IL

Ph.D., Public Policy, June 2014

- Committee: Kerwin Charles (chair), Dan Black, James Heckman, and Robert LaLonde

Master of Public Policy, with honors, 2009

Universidad de los Andes, Bogota, Colombia

B.A and M.A. in Economics, 2005

RESEARCH FIELDS Human Capital, Labor Economics, Health, Development Economics

- PUBLICATIONS**
1. "Head Start Access: No Evidence of Changes to Lifetime Fertility," with Esra Kose and Siobhan O'Keefe. May 2023. *Forthcoming at AEA Papers and Proceedings*
 2. "Does Delivery of Primary Health Care Improve Birth Outcomes? Evidence from the roll-out of Community Health Centers," with Esra Kose and Siobhan O'Keefe. May 2023. *Forthcoming at Journal of Human Resources*
 3. "Community-Based Health Programs and Child Vaccinations: Evidence from Madagascar," with Catalina Herrera. *World Development*, Volume 170, October 2023.
 4. "Social Interventions, Health and Well-being: The Long-term and Intergenerational Effects of a School Construction program," with Bhash Mazumder and Maggie Triyana. *Journal of Human Resources*, July 2023; Volume 58, Issue 4.
 5. "Reducing the Cost of Remoteness: Community-Based Health Interventions and Fertility Choices," with Catalina Herrera. *Journal of Health Economics*, September 2020, Volume 73, 102365.

6. "The Effects of Early-Life Exposure to Pollution on Children's Human Capital: the Case of Indonesia," with Maggie Triyana, *Journal of Human Resources*, Fall 2019, 54.4: 1037-1080.
7. "Intergenerational Human Capital Spillovers: Indonesia's School Construction and its Effects on the Next Generation," with Bhash Mazumder and Maggie Triyana *AEA Papers and Proceedings*, May 2019, Vol. 109.
8. "Impact of Early-Life Shocks on Human Capital Formation: Evidence from El Niño Floods in Ecuador," *Journal of Health Economics*, November 2018, Vol. 62, Pg. 13-44.
9. "Maternal Age and Child Achievement," with Greg Duncan, Ken Lee and Ariel Kalil, *Demography*, December 2018, Volume 55, Issue 6, pp 2229-2255.
10. "Family Investment Responses to Childhood Health Conditions: Intrafamily Allocation of Resources," *Journal of Health Economics*, September 2014, Volume 37: 41-57.

WORKING PAPERS

11. "Integrating Early-life Shocks and Human Capital Investments on Children's Education," with Valentina Duque and Fabio Sanchez. September 2023. *Revised & Resubmitted - 2nd Round at Journal of Human Resources*
12. "WIC Rollout and Racial Disparities in Birth Outcomes: New Evidence from the National Archives," with Marianne Bitler, Danae Horn, Esra Kose and Arian Seifoddini.
13. "A Reanalysis of the Nurse Family Partnership Program: The Memphis Randomized Control Trial," with James Heckman, Maggie Holland, David Olds, and Rodrigo Pinto. December 2016, Working Paper, University of Chicago, Department of Economics.

WORK IN PROGRESS

14. "Nurturing Parents and Children in Rural Indonesia: an Early-Stimulation Intervention," with Helen Baker-Henningham, Emanuela Galasso, Elan Satriawan and Maggie Triyana. *Funding: USAID DIV, World Bank JPAL SEA. Status: Fieldwork in progress. AEA RCT Registry (6360)*
15. "The Intergenerational Effects of Head Start on Infant Health," with Esra Kose and Siobhan O'Keefe.
16. "The Maternal Employment Effects of Expanding Preschool Duration," with Esra Kose and Chloe Gibbs.
17. "The Life-Course Effects of Access to WIC," with Marianne Bitler, Danae Horn, Esra Kose and Arian Seifoddini.
18. "The Returns of an Additional Year of Schooling: The Case of State-Mandated Kindergarten," with Jade Jenkins

PRE-PHD PUBLICATIONS

"Productivity and its Determinants: the Case of the Colombian Industry," with Juan Echavarría and María Arbelaez, Universidad de los Andes, *Revista Desarrollo y Sociedad*, 2006, No. 57: p77-122.

"Financial Dependence, Formal Credit, and Informal Jobs: New Evidence from Brazilian Household Data," with Luis Catao and Carmen Pages, IZA Discussion Papers 4609, Institute for the Study of Labor.

Chapters in Books

Cardenas, M., and M. Rosales (2006). "The Evolution of Financial Markets," Chapter 7 in "Introduction to the Colombian Economy," Textbook Alfaomega.

Cardenas, M., and M. Rosales (2006). "Public Finance in Colombia," Chapter 5 in "Introduction to the Colombian Economy," Textbook Alfaomega.

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| GRANTS, HONORS AND AWARDS | • Early Learning Partnership (ELP) (Co-PI with E Galasso and M. Triyana, \$130,000) | 2023-2025 |
| | • USAID Development Innovations Venture (Co-PI with M. Triyana, \$200,000) | 2022-2025 |
| | • JPAL Southeast Asia - Indonesia Research Fund (Co-PI with M. Triyana, \$50,000) | 2021-2022 |
| | • Asian Development Bank (Co-PI with G. Sahadewo, and E. Satriawan \$100,000) | 2021-2022 |
| | • Review of Economics and Statistics Fellowship for NBER Summer Institute | 2021-2022 |
| | • R01 HD093898, National Institutes of Health (PI M. Bitler) Investments, Life Events, and Health Within and Across Generations (Rutgers Sub-award: \$137,668) | 2018-2025 |
| | • Research Council Grants, Rutgers University (\$5,000) | 2019-2021 |
| | • Global Grants, Rutgers University (\$5,000) | 2019-2021 |
| | • Spencer Foundation Small Research Grant (Co-PI with Jade Jenkins, \$50,000) | 2018 |
| | • Economic Self-Sufficiency Policy Research Institute (ESSPRI) Research Grant (Co-PI with Jade Jenkins, \$75,000) | 2018 |
| | • Economic Self-Sufficiency Policy Research Institute (ESSPRI) Seed Grant (Co-PI with Jade Jenkins, \$15,000) | 2017 |
| | • Overdeck Education Research Innovation Fund. Princeton University | 2017 |
| | • World Bank. Invited to contribute to the regional study “Aggregated Shocks, Poverty and Ex-ante Risk Management in Latin America" | 2015 |
| | • Hewlett Foundation/Population Research Bureau Research Grant (Co-PI with Catalina Herrera, \$45,000) | 2015-2017 |
| | • Development Bank of Latin America, CAF (Co-PI with Valentina Duque, \$10,000) | 2015 |
| | • 1 st Place – Ph.D Student Paper Competition, Illinois Economic Association | 2013 |
| | • Center of Human Potential and Public Policy Pre-Dissertation and Dissertation Award | 2012 2013 |
| | • Robert T. Michael Research Prize, NORC at University of Chicago | 2010, 2011 |
| | • Field Qualifying Exam: Microeconometrics with distinction, Harris School | 2010 |
| | • Harris School of Public Policy- University of Chicago, Ph.D Fellowship | 2009-14 |
| • Harris School of Public Policy-University of Chicago, M.P.P. Fellowship | 2007-09 | |

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| TEACHING EXPERIENCE | Department of Economics, University of Delaware | |
| | • Development Economics (Undergraduate) | 2024-present |
| | Department of Economics, Rutgers University | |
| | • Development Economics (Undergraduate) | 2023-present |
| | • Health Economics (Undergraduate) | 2018-present |
| | • Principles of Microeconomics (Undergraduate) | 2019-present |
| | Department of Economics, Princeton University | |
| | • Health Economics (Undergraduate) | 2017, 2018 |
| | School of Education, University of California, Irvine | |
| | • Statistics for Education Research (Undergraduate) | 2015, 2016 |
| • Educational, Social, and Behavioral Statistics (PhD) | 2014, 2015 | |

INVITED SEMINARS AND CONFERENCE PRESENTATIONS 2025 (Scheduled): Allied Social Science Associations (ASSA) Annual Meetings, University of Delaware, Atlanta Workshop on Public Policy and Child Well-being (PPCW).

2024:ASSA Annual Meetings, NBER New York Seminar, USAID Global Education Conference, NBER Racial and Ethnic Health Disparities.

2023: UConn, Teachers College-Columbia, NYU Wagner, Rosenkranz Research Symposium-Stanford University, Manhattan College.

2022: ASSA Annual Meetings, Global Labor Organization Virtual Seminar, NBER Children Summer Institute. Southern Economic Association (SEA) Conference, NBER Health Economics Program Meeting.

2021: ASSA Annual Meetings, University of Florida, SEA Conference.

2020: Temple University, Eastern Economics Association, NBER Children Spring meetings, Rutgers, 2nd IUSSP Population, Poverty and Inequality Research Conference.

2019: ASSA Annual Meetings, Population Association of the America (PAA) Annual Conference, NBER Summer Institute, SEA Conference, Fourth Annual PHS Research Workshop-UPenn.

2018: ASSA Annual Meetings, PAA Annual Conference, Paris Sorbonne Sustainable Development Seminar, Lafayette College, University of Wisconsin-Madison, NBER Development Meetings (Pre-conference), Third Annual PHS Research Workshop-Boston University.

2017: ASSA Annual Meetings, PAA Annual Conference, World Bank DIME, University of Delaware, Second Annual Population Health Science (PHS) Research Workshop-Boston University.

2016: ASSA Annual Meetings, Harvard GSE, Brandeis University, Association for Education Finance and Policy Annual Conference (AEFP), PAA Annual Conference, Universidad de los Andes, IZA/SOLE Transatlantic Meeting of Labor Economists, Association for Public Policy Analysis and Management (APPAM) International Conference, Princeton University.

2015: University of San Francisco, Pacific Conference on Development Economics - UCSD; PAA Annual Conference, CAF Research Program on Skills for Life and Work; World Bank workshop: "Aggregated Shocks, Poverty and Ex-ante Risk Management in Latin America and the Caribbean", APPAM Annual Research Conference, University of Southern California.

2014: Society of Labor Economists (SOLE) Annual Meetings, Launch of the Center for the Economics of Human Development (University of Chicago), International Workshop on Education Quality -ICFES Colombia, APPAM Annual Research Conference.

2013: PAA Annual Conference, SOLE Annual Meetings, Illinois Economic Association, University of Chicago Center for Human Potential and Public Policy, Northeast Universities Development Consortium (NEUDC)-Harvard University.

2012: University of Chicago Center for Human Potential and Public Policy, CESifo Economic Studies and UCLS Conference, Latin America Economic Association (LACEA) Annual Meetings, APPAM Annual Research Conference.

**REFEREEING
ACTIVITIES**

American Economic Journal: Applied Economics, American Economic Journal: Economic Policy, American Economic Review, AERA Open, Contemporary Economic Policy, Demography, Developmental Psychology, Economics and Human Biology, IZA Journal of Labor Policy, Journal of the European Economic Association, Journal of Health Economics, Journal of Human Resources, Journal of Labor Economics, Journal of Policy Analysis and Management, Journal of Political Economy, Quarterly Journal of Economics, Review of Economics and Statistics, Review of Economics of the Household, World Bank Economic Review.

**SERVICE
ACTIVITIES**

Ad-Hoc Grant Reviewer: USAID Development Innovation Ventures, National Science Foundation, FONDECYT (the Chilean Research Council).

Doctoral Committee Member: UC Irvine: Ken Lee (2015), Marcela Reyes (2016).
Rutgers: Monica Mogollon (2022), Mriga Bansal (current).

Conference sessions organization: APPAM (2014), SEA (2019), ASHEcon (2020), ,
ASSA/AEA (2022).

Mentoring: Workshop for female 3rd Year PhD students in economics (SEA 2020),
APPAM Virtual Mentoring Program (2020), Session Participant at Association for
Mentoring and Inclusivity in Economics - 1st Workshop in Applied Microeconomics,
for PhD students.