

Andrés F. Castro T.

Curriculum Vitae

Research Scientist

Max Planck Institute for Demographic Research (MPIDR)

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Academic positions

2022-2025 – Postdoctoral researcher, ERC project : “Sexual Minorities and Inequality of Opportunity” MINEQ.

2022-2023 – Juan de la Cierva fellow, Center for Demographic Studies, Autonomous University of Barcelona.

2019-2022 – Postdoctoral researcher, Max Planck Institute for Demographic Research, Fertility and Well-being laboratory.

Education

Ph.D. in Demography and Sociology, University of Pennsylvania, Philadelphia, United States, 2019

Dissertation: “Half a Century of Migration and Family Formation in Latin America and the Caribbean.”

- One-year visiting student at the Institut national d'études démographiques (Ined), Paris, France. 2017-2018

Master of Arts – Demography, University of Pennsylvania, Philadelphia, United States. 2016

Master of Science – Statistics, Universidad Nacional de Colombia, Bogotá, Colombia. 2012

Bachelor of Arts – Sociology, Universidad Nacional de Colombia Bogotá, Colombia. 2012.

Bachelor of Engineering – Industrial Engineering, Universidad Nacional de Colombia, Bogotá, Colombia. 2010

Publications

1. [Castro, A.](#), Pesando, L.M., Kohler, H-P, and Furstenberg, F.. “Family Change and Variation Through the Lens of Family Configurations in Low- and Middle-Income Countries.” Forthcoming: *Population, Space, and Place*.
Impact Factor: 3.8; Q1 Demography and Q2 Geography (JCR)
2. [Castro, A.](#), Batyra, E., and Myrskylä, M. “Income inequality and increasing dispersion of the transition to first birth in the global South.” Forthcoming: *Population and Development Review*.
Factor: 3.3; Q1 Demography and Q1 Sociology (JCR)
3. [Castro, A.](#) 2020. “Analysis of Latin American fertility in terms of probable social classes.”. *European Journal of Population*. DOI: 10.1007/s10680-020-09569-7
Impact Factor: 3.1; Q1 Demography (JCR)

4. Castro A. and Urdinola P. 2019. Armed conflict and fertility in Colombia, 2000-2010. *Population Research and Policy Review*. DOI: 10.1007/s11113-018-9489-x
Impact Factor: 1.2; Q3 Demography (JCR)
5. Pesando L.M., Castro A., Andriano, L., Furstenberg, F., Berhman, J., Monden, C., Billari, F., and Kohler, H-P.. 2019. Global Family Change: Persistent divergence with development. *Population and Development Review*. DOI: 10.1111/padr.12209
Impact Factor: 2.9; Q1 Demography and Q1 Sociology (JCR)
6. Lebaron, F. and Castro A. 2018. Some contributions from geometry to linear models' construction in Social Sciences. *Bulletin of Sociological Methodology*. DOI: 10.1177/0759106318795218
Impact factor: 0.22; Q3 Sociology and Political Sciences (SJR)
7. Castro A. and Canal X. 2018. Colombianos en el exterior: análisis comparativo de cuatro destinos a partir de censos de población. *Revista Carta Económica Regional* . ISSN: 0187-7674.

Revise and resubmit invitations

1. Castro, A. and Alburez-Gutierrez, D. “North and South: Naming practices and the hidden dimension in knowledge production”. Resubmit invitation: *Proceedings of the National Academy of Sciences*.
Impact Factor: 11.2; Q1 Multidisciplinary Sciences (JCR)
2. Castro, A. and Parrado, E. “Nativity differentials in first births in the United States: Patterns by race and ethnicity” Revise and resubmit invitation: *Demographic Research*.
Impact Factor: 2.1; Q3 Demography (JCR)
3. Castro, A. and Gutierrez, E. Y. “Gendered and stratified family formation trajectories in the context of Latin American migration, 1950 to 2000.” Revise and resubmit invitation (minor revisions): *International Migration Review*.
Impact Factor: 2.9; Q2 Demography (JCR)
4. Castro, A. “Family trajectories among migrants in the United States, 1970-2000.”
Revise and resubmit invitation: *Current Sociology*.
Impact Factor: 2.4; Q2 Sociology (JCR)

Working papers

1. Castro, A. and Alburez-Gutierrez, D. 2021. “North and South: Naming practices and the hidden dimension in knowledge production”. MPIDR Working Paper WP-2021-014
2. Castro, A. Gutierrez, E. and Bernardes, T. 2021. “Power relations and persistent low fertility among domestic workers in Latin America”
3. Abufhele, A., Castro, A. and Pesando, L.M. 2021. "Parental Educational Similarity and Infant Health in Chile: Evidence from Administrative Records, 1990-2015." University of Pennsylvania Population Center Working Paper (PSC/PARC), 2021-75

Teaching experience

Instructor

Graduate-level master class: *A synthetic approach to geometric data analysis and cluster analysis*.

One-time (2 hours) session at the Center for Demographic Studies, Autonomous University of Barcelona, November, 2021.

Co-Instructor

Applied Sequence Analysis. Responsible for curriculum development. One-week course at the École d'été de santé publique et d'épidémiologie de Bicetre.

Institut National de la Santé de la Recherche Médicale et Université de Paris-Saclay, 2019

Teaching Assistant (one term)

Undergraduate level course: *Social Statistics*. Instructor: Prof. Michel Guillot.

University of Pennsylvania. School of Arts and Sciences. Spring term 2018.

Teaching Assistant (two terms)

Undergraduate level course: *Health of Populations*. Instructor: Prof. Irma Elo.

University of Pennsylvania. School of Arts and Sciences. Spring term 2017.

Lecturer (five terms)

Undergraduate level courses: *Quantitative Methods*, *Social Indicators*, *Demography*

Universidad Nacional de Colombia, Facultad de Ciencias Humanas (School of Humanities), Department of Sociology, 2012-2014.

Teaching Assistant (one term)

Undergraduate level course: *Social Indicators*, *Demography*, *Foundations of Social Sciences*, *Sociology of Industry and Labor*, *Quantitative Methods*.

Universidad Nacional de Colombia, Facultad de Ciencias Humanas (School of Humanities), Department of Sociology, 2010-2012.

Professional experience

Consultant (4 months, 2019)

United Nations Relief and Work Agency for Palestine Refugees in the Near East – UNRWA.

Description: I conducted a quantitative study of data quality, mortality conditions, and the completeness of death reports among Palestinian refugees in Lebanon using the 2019 census of Palestinian refugees in Lebanon.

Consultant (38 months, 2012-2014).

Departamento Nacional de Planeación (Ministry of National Planning). Gobierno de la República de Colombia (Colombian government)

Description: I worked as a statistician and data analyst for the Rural Development subdivision. I co-lead the design and implementation of a rural development program that involved more than 5,000 families and 300 local organizations in the rural areas of the south-east Colombian territory.

Funding

Juan de la Cierva, Research fellowship (2021-2022, €50,000.00)

Ministerio de Ciencia e Innovación, Gobierno de España

Marie Skłodowska-Curie Actions (not awarded) - Seal of Excellence

European Commission, 2019.

About the Seal of Excellence: <https://ec.europa.eu/research/soe/index.cfm>

Dissertation Completion Fellowship (\$28,400.00 USD)
School of Arts and Sciences, University of Pennsylvania, 2018.

Incoming stipend for international students (€9,000.00)
Institute nationale d'études démographiques, Paris, France, 2017.

Benjamin Franklin Fellowship for Graduate Studies (\$68,160.00 USD)
School of Art and Sciences, University of Pennsylvania, 2016-2017.

Doctoral Studies Fellowship (Beca Desarrollo de las Regiones Petroleras) (\$42,000.00 USD)
The Fulbright Commission for Colombia, 2014-2015.

Graduate Scholarship (Beca para estudiantes sobresalientes de posgrado) (4 terms)
Universidad Nacional de Colombia, Facultad de Ciencias Humanas, 2010-2012.

Other funding

Summer School Financial Assistance, Jacobs Center for Productive Youth Development,
University of Zurich, 2017.

Research Summer Travel Grant, Graduate and Professional Students Association, University of
Pennsylvania, 2016.

Travel and Accommodation Funding for the International Population Conference, Busan, South
Korea, International Union for the Scientific Study of Populations, 2013.

Advanced schools and international training

Introduction to Digital Demography
Max Planck Institute for Demographic Research, Germany (30/03/2020 – 03/04/2020)

Summer School on Geometric Data Analysis - Basic Aspects and Advanced Questions
University of Potsdam, Faculty of Economics and Social Sciences (23/09/2019-27/09/2019)

Rostock Retreat on Simulation
Max Planck Institute for Demographic Research, Germany (01/07/2019 – 03/07/2019)

Multistate Models: Life course analysis from event histories and panel data
Max Planck Institute for Demographic Research, Germany (22/10/2018 – 25/11/2018)

8th Berlin Summer School in Social Sciences: linking theory and empirical analysis
Berlin Graduate School of Social Sciences, Germany (16/07/2018 – 28/07/2018)

Graduate writing workshop for international students – 10-hour series
University of Pennsylvania, Philadelphia (03/04/2018 – 17/04/2018)

Summer School on Longitudinal and Life Course Research
University of Zurich, Switzerland (21/08/2017 – 25/08/2017)

3rd Annual Workshop in Formal Demography
University of California, Berkeley, USA (05/06/2017 – 09/06/2017)

Writing & Designing NSF Proposals Workshop – 16-hour series
Grant Training Center, USA (12/09/2016)

Prizes and awards

2018 Best Poster Award, Population Association of America – Annual Meeting, Denver, Colorado.

Poster: “Identifying gendered patterns of family formation and dissolution among immigrants” (With Gutierrez, Universidad de Guadalajara)

2016 Nancy M. Fariss Best Graduate Paper Award, Latin American & Latino Studies Program – University of Pennsylvania, Philadelphia, Pennsylvania. Paper: “Social structure, social classes and fertility decline in Latin America”

2015 IPUMS-International Research Award, Minnesota Population Center – University of Minnesota

Paper: “Social Structure, Social Class and Fertility Decline in Latin America between 1950 and 2000”

Presentations

2021

“A gender story of social disengagement of young adults in Latin America.” British Society for Population Studies – annual meeting.

“Who has the right to generalize? A bibliometric analysis of research articles’ titles in the social sciences.” European Sociological Association – annual meeting.

“First class, then culture: accounting for the historically low fertility among domestic workers in Latin America.” American Sociological Association – annual meeting.

2020

“A Demographic Perspective on Migration Systems in the Americas”. Heidelberg University. Heidelberg Center for Ibero-American Studies. Job talk for a Junior Professorship in Migration and the Americas

“From early fertility for all to late fertility for all, emergence and correlates of bimodal fertility.” Population Association of America - annual meeting. Washington DC.

2019

“The role of migration on fertility and partnership life courses in the United States”. American Sociological Association– annual meeting. New York

“The role of domestic migration on the Latin American fertility transition”. Population Association of America - annual meeting. Austin, Texas.

“Family complexity and diversity across the world”. Population Association of America - annual meeting. Austin, Texas.

2018

“Domestic migration and family trajectories in Latin America”. Job talk for the Fertility and Well-being research group. Max Planck Institute for Demographic Research, Rostock, Germany

“Migration and family change in Latin America”, Berlin Graduate School of Social Sciences, 8th Berlin Summer School in Social Sciences, Berlin, Germany.

“Identifying Configurations of Family Change across Low- and Middle-Income Countries”, Population Association of America - Annual meeting. Denver, Colorado.

2017

“Trayectorias de formación familiar y migración. EEUU y América Latina”, Centro de Estudios Demográficos, Universidad Autónoma de Barcelona, Barcelona, Spain.

“Social classes and fertility decline – Evidence from six Latin American countries”. XXVIII IUSSP International Population Conference. Cape Town, South Africa.

“The role of migration on family formation trajectories – Evidence from the US”. XXVIII IUSSP International Population Conference. Cape Town, South Africa.

“Social classes and fertility in Latin America”. Population Association of America - Annual meeting. Chicago, Illinois.

2016

“Social structure, social class and fertility decline in Latin America between 1940 and 2000”. The Impacts and Challenges of Demographic Change – MUTADEMO IPOPS, Paris, France.

“Why and how to use Pierre Bourdieu’s theory in demographic research”. The contemporary relevance of the work of Pierre Bourdieu. University of Bristol. Bristol, United Kingdom.

“Can we really use linear models to grasp a social fact in a relational perspective?” The contemporary relevance of the work of Pierre Bourdieu. University of Bristol. Bristol, United Kingdom.

“Prevalence and trends in unintended childbearing. The role of immigration” Population Association of America - annual meeting. Washington DC.

2015

“Armed Internal Conflict (AIC) and Fertility in Colombia 2000 – 2010”. Health in Latin America and the Caribbean: equity, access and innovation. University of Pennsylvania. Philadelphia, Pennsylvania.