



EDUCATION

Mar 2025 - Present

Vienna, Austria

PhD., Demography

Doctoral Programme in Social Sciences: Demography University of Vienna (Universität Wien)

Thesis title: Mortality Slowdowns in High-Longevity Populations: Methods, Cross-Country Patterns, and Health Implications

Advisors: Prof. Dr. Marc Luy (ÖAW/VID); Dr. Magdalena Muszynska-Spielauer (ÖAW/VID)

Sep 2023 - Jul 2024

Rostock, Germany

Paris, France

European Doctoral School of Demography

Max Planck Institute for Demographic Research (MPIDR)

Institut National d'Études Démographiques (INED)

Thesis title: Gender Gaps in Life Expectancy and Activity Limitations and macro-level structural indicators in the European Union: Considering Migration and Rethinking Poverty Measures

Advisors: Emmanuelle Cambois (INED); Cosmo Strozza (SDU Cpop)

Jul 2021 - Feb 2024

Belo Horizonte, Brazil

M.A., Demography

Center for Development and Regional Planning, Federal University of Minas Gerais (Cedeplar/UFGM)

Thesis title: Assessment of the quality of adult education reported in the Brazilian censuses of 1991 and 2000, by regions, based on survival measures (Portuguese)

Advisors: Prof. Cássio Maldonado Turra (Cedeplar); Marília R. Nepomuceno (MPIDR)

Aug 2011- Jan 2017

Brasília, Brazil

B.A., Economics

University of Brasília (UnB)

Thesis title: Multidimensional poverty among the BPC beneficiaries: a comparison of income percentiles (Portuguese)

Supervisors: Prof. Ana Carolina Pereira Zoghbi

RESEARCH EXPERIENCE

Set 2025 - Current

Vienna, Austria

Predoctoral Fellow

Vienna Institute of Demography (ÖAW/VID) | Austrian Academy of Sciences

Health and Longevity research group

Team Leader: Prof. Dr. Marc Luy (VID/ÖAW)

Set 2022 - Jan 2023

Santiago, Chile

Short Term Consultant

Population Division | Economic Commission for Latin America and the Caribbean | United Nations (Celade)

Five months of consultancy, providing support in a technical manual for population estimates and projections by mathematical methods according to the CELADE methodology.

Deliverables: Methodological presentations; R scripts for projections and estimations of mortality, fertility, and migration; Comparison of methods to estimate smooth distributions from coarsely grouped data for LAC region data (mortality and fertility).

Principal Researcher: Dr. Helena Cruz Castanheira

Set 2020 - Ago 2022

Brasília, Brazil

Researcher SC 3.2

United Nations Development Programme | United Nations (UNDP)

- Supporting investigation of the interplay between poverty, motherhood, and incarceration.
- Performing fuzzy linkage procedures to identify pregnant women incarcerated in the Brazilian prison system, as well as aggregate their socioeconomic information.
- Developing public dashboards.

Oct 2018 - Set 2020

Brasília, Brazil

Junior Researcher

International Policy Centre for Inclusive Growth | United Nations Development Programme | United Nations (IPC-IG/UNDP)

Impact Evaluation of Social Protection Programs:

- Impact evaluation of World Food Program interventions to improve market access for small, vulnerable farmers – Mozambique
- Evaluation of coverage and benefit incidence of WFP food fortification interventions in Mozambique.
- Monitoring and evaluation of the Olympic Villages in Rio de Janeiro, Brazil.
- Design and analysis of the baseline of the IFAD Pro-Semiárido project in the State of Bahia, Brazil.
- Study on supply and quality of social protection services in the State of Bahia, Brazil.

Principal Researcher: Prof. Dr. Diana Oya Sawyer (Cedeplar | UNDP)

Dec 2016 - Oct 2018

Brasília, Brazil

Research assistant

IpeaDATA-lab | Institute for Applied Economic Research (Ipea)

- Record linkage methods applied to economic, demographic, and geographic Brazilian data (deterministic and probabilistic)
- Proposition of a method for reconstructing the kinship ties of the Continuous Cash Benefit (BPC) beneficiaries

Principal Researcher: Lucas Ferreira Mation (Ipea)

RESEARCH INTERESTS

Adult and Elderly Mortality

Health and Mortality Inequalities

Indirect methods for demographic estimation

Formal Demography

SKILLS

Programming Skills

R (Advanced), GIT (advanced), Latex (Advanced), Stata (intermediate), Apache Spark (intermediate)

Languages

Portuguese (mother tongue), English (C1), Spanish (intermediate)

Other Skills

SQL and non-SQL data (JSON)

Indirect methods for mortality estimation

Mortality and fertility projection using mathematical methods

Record linkage and big data (deterministic and probabilistic)

CONFERENCES AND PRESENTATIONS

Vaz, T. (2025, September). Historical precedents and current patterns of life expectancy slowdowns and stalls in low-mortality populations. Presented at the British Society for Population Studies (BSPS) Conference 2025, Swansea University, Swansea, UK.

Summer Institute on Ageing (June 2025). Venice International University (VIU), Venice, Italy.

Luy, M., Di Giulio, P., Lasar, L., Shen, T., & **Vaz, T.** (2025, April). Life expectancy of Roma people in Europe: Indirect estimations for 17 countries. Poster session presented at the 2025 Annual Meeting of the Population Association of America (PAA), Washington, DC.