Fernando David Loaiza Erazo

Max Plank Institute for Social Law and Social Policy
Munich Center for the Economics of Aging
Amalienstrasse 33, 80799, Munich, Germany
📞 +49 15226407229
💻 https://sites.google.com/view/fernandoloaiza
✉ loaiza@mea.mpisoc.mpg.de
Last updated: April 2023

Academic Appointments

Postdoctoral Researcher, Life-Cycle Decisions Unit   06/2021 - Present
Max Plank Institute for Social Law and Social Policy, Germany.

Research Associate   03/2021 - Present
Universidad Espíritu Santo Ecuador, Ecuador.

Education

Ph.D. in Economics and Finance   2021
University of Rome Tor Vergata, Italy.
Thesis: Essays on Human Capital Investments, Economic Inequality and Growth

Master in Economics   2017
University of Granada, Spain.
Thesis: Returns to Education

Bachelor in Economics   2015
Escuela Superior Politecnica del Litoral, Ecuador.

Fields of Interest

Primary: Macroeconomics - Microeconometrics - Quantitative Methods.

Secondary: Human Capital - Economic Inequality - Social Mobility - Economic Growth.

Working Papers

The Effects of Education on Wealth Inequality over the Life Cycle

Interplay of Public and Private Educational Spending: Macroeconomic Implications
(under review)

Life Cycle Implications of Schooling on Financial Assets
(submitted)

The Right of Self-defense: Who is a Threat? with A. Muscarnera
(under review)

Racial Diversity among Nursing Home Residents: Impact of the Affordable Care Act
(under review)

Research in Progress

OLG Model with Health and Long-Term Care Insurance for Inclusive Growth

Motives for Saving in Retirement: Bequest and Long-Term Care

Early Childhood Education on Health Inequality over the Life Cycle

Teaching Experience

Teaching Assistant: Finance and Growth   2020 - 2022
M.Sc. Economia dei Mercati e degli Intermediari Finanziari, University of Rome Tor Vergata, Italy.

- Economic growth models
- Financial development and economic growth
- Financial markets, growth, and income distribution
- Institutions and unified growth theory
- Empirical analysis of economic growth

Teaching Assistant: Business Statistics in R   2018, 2019
M.Sc. European Economy and Business Law, University of Rome Tor Vergata, Italy.

- Linear regression, model evaluation, principal component analysis
- Lasso, ridge regression, logistic regression
- Smoothing, splines, kernel smoothing, local polynomial
- Nearest neighbors, naive Bayes, additive models, regression trees

Teaching Assistant: Mathematics 1   2019
B.Sc. Business Administration and Economics, University of Rome Tor Vergata, Italy.

- Topology
- Calculus
- Linear Algebra
- Optimization

Professional Experience

Student Assistant   12/2016 - 08/2017
Department of Economics, University of Granada, Spain.

Primary School Teacher   01/2016 - 08/2016
Unidad Educativa San José La Salle Guayaquil, Ecuador.

Financial Assistant   03/2014 - 02/2015
Imferlosa, Guayaquil, Ecuador.

Research Assistant   06/2013 - 12/2013
Inteligencia Estrategica, Guayaquil, Ecuador.

Additional Courses

Advanced Course in Numerical Methods   09/2021
Prof. Felix Kübler, Study Center Gerzensee, Switzerland.

Continuous-time Methods in Macroeconomics   03/2020
Prof. Galo Nuño, LUISS, Italy.

Continuous Time Modeling in Macroeconomics   10/2019
Prof. Paolo Porchia, LUISS, Italy.

Advanced Course in Heterogenous Agents Models   08/2019
Prof. Maria Cristina De Nardi, Study Center Gerzensee, Switzerland.

Monetary and Fiscal Economics and Stabilization Policy   05/2019
Prof. Gauti Eggertsson, LUISS, Italy.

Workshop in Computational Econometrics   07/2018
Prof. Ulrich Woitek, University of Salento, Italy.

Graduate Programme   2017 - 2018
Einaudi Institute for Economics and Finance, Rome, Italy.

Other Experiences

Journal Reviewer 2022, 2023
European Journal of Ageing

"Literacy in Old Ages" Educational Program 2009
Unidad Educativa Liceo Naval, Ecuador.

Awards/ Grants / Scholarships

The Future of Babyboomers and their Children 2022
Horizon Europe Research Grant

Ph.D. in Economics and Finance Scholarship 10/2017 - 03/2021
University of Rome Tor Vergata

Thesis Supervision

Lars Irmler   M.Sc., Economics, Ludwig-Maximilians Universität München 2022

Personal skills

Languages   Spanish - English - Italian (A2) - German (A2)
Programming Python, Stata, R, Matlab, LaTeX, MS. Office

References

Dr. h.c. Axel Börsch-Supan, Ph.D.
Professor, Chair for the Economics of Aging at the Technical University of Munich
Director of the Max Planck Institute for Social Law and Social Policy

Pasquale Scaramozzino, Ph.D.
Professor of Economics
University of Rome Tor Vergata
Contact: pasquale.scaramozzino@uniroma2.it

Tommaso Proietti, Ph.D.
Professor of Economic Statistics
University of Rome Tor Vergata
Contact: tommaso.proietti@uniroma2.it