

Fernando David Loaiza Erazo

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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: Economic Inequality - Health - Education - Social Mobility - Economic Growth.

Working Papers

The Effects of Education on Wealth Inequality over the Life Cycle (submitted)

Interplay of Public and Private Educational Spending: Macro 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/Ethnic Diversity among Nursing Home Residents: Impact of the Medicaid Expansion
(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

Early Adulthood Unemployment Effects on Life Cycle Wealth

Effects of the Medicaid Expansion on Formal and Informal Care Usage of Minorities

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

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| Journal Reviewer European Journal of Ageing | 2022, 2023 |
| “Literacy in Old Ages” Educational Program Unidad Educativa Liceo Naval, Ecuador. | 2009 |

Awards/ Grants / Scholarships

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| The Future of Babyboomers and their Children Horizon Europe Research Grant | 2022 |
| Ph.D. in Economics and Finance Scholarship University of Rome Tor Vergata | 10/2017 - 03/2021 |

Thesis Supervision

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| Lars Irmeler | M.Sc., Economics, Ludwig-Maximilians Universität München | 2022 |
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Personal skills

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| Languages | Spanish - English - Italian (A2) - German (A2) |
| Programming | Python, Stata, R, Matlab, L ^A T _E X, 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
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Tommaso Proietti, Ph.D.
Professor of Economic Statistics
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