



Nicolas E. Fajardo-Acosta

nicofajardo@gmail.com · nfajardoa.github.io

EDUCATION

Economics (M.Sc.)

2019 – 2021

Diss. “Scaling Up Preschool Education: A Semiparametric Estimation of its Effect on Early Learning Outcomes in Peru”

Diss. supv. Prof. Lena Janys

Faculty of Law and Economics

Bonn, DEU

RHEINISCHE FRIEDRICH-WILHELMS-UNIVERSITÄT BONN

Adv. modules

Computational Statistics, Public Economics, Labor Economics, Growth and Development Economics, Banking and Securitization, Behavioral Public Policy. Research emphasis in Applied Microeconomics.

Economics (B.Sc.)

2014 – 2019

Faculty of Economic Sciences [FCE]

Bogotá, COL

UNIVERSIDAD NACIONAL DE COLOMBIA

Adv. modules

Post-Keynesian Macroeconomics. History of Biological Thought. Critical Perspectives on Economic Theory. Dynamic Programming. Computational Economics. Project Design, Management, and Evaluation. Economics and Politics of Sustainability. Behavioral Economics. Finance, Crises, and Inequality. Microeconometrics. Advanced Growth Economics. Economic Theory and Policy, Design Thinking, Epistemology of Psychology.

PROFESSIONAL EXPERIENCE

Short-Term Consultant

10/2021 – 03/2022

Trade and Integration Unit

Supvs. Drs. Isabela Manelici, José P. Vásquez and Román D. Zárate

Development Economics Vice Presidency

Remote

WORLD BANK GROUP

Duties

Develop algorithms to match highly irregular databases, using a mix of manual matching and regular-expression rules. Support the research process in all its stages.

Research Assistant

11/2019 – 01/2022

Worked for Drs. Stephanie Majerowicz, Román A. Zárate, Franz Ostrizek, Armin Falk among others.

Bonn, DEU

BEHAVIOR AND INEQUALITY RESEARCH INSTITUTE [BRIQ]

Duties

Clean and manage large databases, ranging between 1 and 25 million observations. Implement and execute multiple estimators of treatment effects using Machine Learning and parallelized algorithms. Complete plots and proofs using Wolfram Mathematica. Review relevant literature on Economics of Education, Social Networks and Moral Action.

Investments Analyst

01/2019 – 08/2019

Front Office

Supv. Andrés Enrique Rodríguez Arévalo

Investments Department

Bogotá, COL

SOCIEDAD FIDUCIARIA DE DESARROLLO AGROPECUARIO S.A.

Duties

Analyze the economic behavior of local and international markets. Design strategies and value fixed-income investment portfolios. Develop econometric models for forecasting. Write and present briefing papers and reports, including Daily Market Dashboards. Lead biweekly internal meetings on current macro-financial developments. Communicate with clients, market analysts and traders.

Intern

01/2018 – 12/2018

Economic Policy Studies Department

Supv. Norberto Rodríguez Niño

Office of the Deputy Technical Governor

Bogotá, COL

BANCO DE LA REPÚBLICA DE COLOMBIA

Duties

Gather, clean, reshape and analyze databases. Implement structural and semi-structural econometric models, such as State-Space representations, VAR and VAR-X. Execute panel data estimators. Develop algorithms for mathematical optimization, web scraping and text mining. Estimate bayesian DSGE models. Review relevant literature on analysis and evaluation of Monetary Policy.

I am a polymath, empathetic, proactive and pragmatic individual. I like teamwork, however I usually opt for a wide degree of autonomy and time flexibility. I enjoy challenges and I seek them actively. I am currently involved in research, showing special prowess at mathematical modeling and computer programming tasks. I am confident carrying out complex quantitative or qualitative analyses, specially in fields such as applied micro- or macroeconomics, and public policy. Furthermore, as a competent and active social volunteer, I have experience interacting with vulnerable population and designing and implementing social development and educational projects at local scale.

SKILLS

PROGRAMMING

R, Python, Matlab (Octave),
Maxima (Mathematica),
Stata, \LaTeX , OTree, Dynare,
SAS, PostgreSQL, HTML, CSS,
Javascript, Microsoft Office, Git.

COMMUNICATIVE

Spanish C2: Native
English C1: Proficient
German B2/C1: Advanced
French A1: Beginner

ACADEMIC INTERESTS

Public Policy
Social Networks
Behavioral Economics
Algorithmic Statistics
Computer Science
Political Economy
Community Socioeconomics
Philosophy of Economics

PERSONAL PROJECTS

Kampagne für
Frieden in Kolumbien
sos-colombia.de

Cordillera EV
cordillera.eu

ACADEMIC REFERENCES

Prof. Dr. Phillip Eisenhauer
Universität Bonn
peisenha@uni-bonn.de

Prof. Lena Janys
Universität Bonn
ljanys@uni-bonn.de

PROFESSIONAL REFERENCES

Asst. Prof. Isabela Manelici
London School of Economics
i.manelici@lse.ac.uk

Asst. Prof. Román A. Zárate
University of Toronto
ra.zarate@utoronto.ca

Asst. Prof. Stephanie Majerowicz
Universidad de los Andes
s.majerowicz@uniandes.edu.co

Markus Antony
Scientific Manager
briq Institute
markus.antony@briq-institute.org

PERSONAL INTERESTS

Communal work
Music [Violin & Guitar]
Performing arts
Aerial silk

Poetry and creative writing
Ecological conservation

STATEMENT OF ENGAGEMENT

Beyond researching, I enjoy partaking in different projects and ideas, willing to impact society through rigorous analyses or actions, connect with people and gain valuable insights. Currently, I am a member of Cordillera, a group of Latin-Americans ready to represent fairly and without intermediaries a rainbow of Latin-American identities and values in Europe. Moreover, in 2021 I joined the Campaign for Peace in Colombia. A platform to make the German public and politicians aware of the systematic human-right violations in Colombia. In the past, I managed community development and environment-awareness projects via workshops directed at children and teens living in vulnerable settlements.

Participant

01/2020 Basic course on Human Research
Social & Behavioral Research Investigators
Massachusetts Institute of Technology Affiliates
Online COLLABORATIVE INSTITUTIONAL TRAINING INITIATIVE [CITI]

Participant

08/2019 • Micro Data for Economic Policy and Development
06/2016 – 07/2016 • From Nudge to regulating Uber
Homero Cuevas Seminar
Faculty of Economic Sciences [FCE]
Bogotá, COL UNIVERSIDAD NACIONAL DE COLOMBIA

Participant

02/2019 – 03/2019 • Territorial Actions on Peace-building
03/2019 – 04/2019 • Participatory Policy-making
District Institute for Participation and Communal Action
ALCALDÍA MAYOR DE BOGOTÁ D.C.
Online in cooperation with
UNIVERSIDAD NACIONAL ABIERTA Y A DISTANCIA

Participant

08/2018 – 09/2018 3th Certificate Course on Informal Settlements:
Impact, Participation & Community development
Bogotá, COL FUNDACIÓN TECHO - COLOMBIA

Speaker

10/2017 “Social innovation & Microcredit:
¿Are we financing the status quo of poverty?”
VIII International Public Policy Colloquium:
Public Policy Implementation and Peace-building
Bogotá, COL UNIVERSIDAD NACIONAL DE COLOMBIA

Participant

01/2017 • International Financial Markets
01/2017 • Financial Mathematics
Unit of Analysis on Economic Sciences [UACE]
Bogotá, COL UNIVERSIDAD NACIONAL DE COLOMBIA

ENGAGEMENT

Participant

03/2020 – 09/2021 “Ausbildung als Multiplikator*innen für Bildungsarbeit”
Modules: Water, Climate, Displacement, and Consumption.
Bonn, DEU LATEINAMERIKA-ZENTRUM E.V.
Duties Design multiple didactic resources for school children to address world's current most pressing challenges from both German and Latin American perspectives.

Volunteer

02/2018 – 09/2019 Neighborhood “los Laureles”, loc. San Cristóbal
Division of Community Experience
Bogotá, COL FUNDACIÓN TECHO - COLOMBIA
Duties Design, manage and evaluate Community Development Projects. Create and implement strategies aimed to enhance abilities and capacities related to Peace and harmonious coexistence between children and teenagers living in informal settlements. Plan social intervention procedures with vulnerable population. Lead large groups of volunteers on the field. Instruct and inspire new volunteers through structured seminars. Organize, plan and execute large-scale events.

Volunteer

04/2017 – 04/2019 Environmental Planning
Tenjo, COL ITACA: ESPACIO ECOCULTURAL
Duties Plan reforestation and environmental recovery actions on damaged over-exploited zones. Lead groups of volunteers on the field. Instruct volunteers on how to seed, transplant, and care saplings.

Scholarship holder

10/2019 – 09/2021
Bonn, DEU
Scholarship Program for Foreign Students
KONRAD-ADENAUER STIFTUNG

Top 10 pct. Graded Average: *Economics*

08/2019
Bogotá, COL
Undergraduate Degree Earners in 2019-01
Faculty of Economic Sciences [FCE]
UNIVERSIDAD NACIONAL DE COLOMBIA

Best score: *at National level*

12/2018
Bogotá, COL
Reference group: *Economics*
SABER-PRO 2017 “*La Noche de los Mejores*”
Test on the Quality of Higher Education
MINISTERIO DE EDUCACIÓN NACIONAL

Participant

08/2018 – Present
Bogotá, COL
Seedbed of Talents
FUNDACIÓN COLFUTURO

PUBLICATIONS**WORKING PAPER**

02/2019
“Inflows of International Tourists to Colombia during 2001-2017: Evolution, Characteristics and Determinants”
(with C. Agudelo, C. González, E. Montes & N. Rodriguez)
BORRADORES DE ECONOMÍA: BANCO DE LA REPÚBLICA N° 1064

MANUSCRIPT

08/2017
“Social innovation & Microcredit:
Are we financing the *status quo* of poverty?”
(with S. Espinosa-Moyano & D. Gantiva-Parada)
ECONOGRAFOS: ESCUELA DE ECONOMÍA FCE - CID N° 113