

# Nicolás ORTEGA

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## Work Experience

### Junior Policy Analyst - Mission-Oriented Innovation policy

OECD-OCDE. (Science Technology and Innovation)

Paris, France.

Jul 2025 -Nov 2025

- Contributed to the update of the OECD MOIP Online Toolkit, integrating new evidence and case studies to support member countries.
- Supported research on mission-oriented innovation policies, focusing on implementation through universities and innovation agencies.
- Conducted desk research and interviews with OECD member countries to inform policy recommendations and cross-country comparisons.
- Developed case studies and contributed to short policy briefs and working papers analyzing governance, implementation, and evaluation frameworks.
- Mapped international best practices on how science and technology are translated into economic and societal value through mission-oriented strategies.
- Engaged in team discussions and OECD seminars to deepen knowledge on science, technology and innovation policy.

### Consultant Country Economist for Haiti.

Inter-American Development Bank (IDB - BID)

Washington, USA, remote.

Jan 2025 - Jul 2025

- Study on migration using Google Trends search query data to develop nowcasting models that estimate migration flows from Haiti to different destinations, exploring various time series modelling techniques.
- Supported the economic analysis of Haiti as a fragile state, providing inputs to strengthen macroeconomic stability and improve poverty reduction strategies.
- Conducted macroeconomic assessments, including GDP, fiscal, and monetary analysis, to evaluate economic performance and risks.
- Drafted and centralized country economic updates to guide development projects aligned with government priorities and the IDB's strategy.
- Collaborated with national institutions to improve statistical capacity and design policy recommendations on poverty and inequality reduction.
- Produced research and policy reports focusing on Haiti's key economic challenges.
- Analyzed trends in poverty, extreme poverty, and inequality, using large datasets and statistical software (R, Stata).
- Designed methodologies to evaluate the impact of projects on social and economic resilience, integrating gender and inclusion approaches.

### CSTP Delegate for Colombia, OECD Manager

Ministry of Science, Technology and innovation, Republic of Colombia

Bogota, Colombia.

Jan 2024 - Sep 2024

- Delegated for Colombia at the OECD Committee (TIP, GSF, NESTI, BCNT) in Paris-France.
- Provided support to the Office of the Minister of science in identifying new opportunities for cooperation in Science, Technology, and Innovation with the Organization for Economic Cooperation and Development - OECD.
- cooperated with programs and committees between Colombia and the OECD, different public entities, universities, research centers, and private actors in these countries, among others.
- Strengthened bilateral and multilateral cooperation programs and scenarios in force with OECD.
- contributed support in updating the strategy for the internationalization of Science, Technology, Innovation, and Diplomacy in Colombia that promotes the generation and strengthening of links between the Ministry of Science and the OECD.
- Intensified bilateral and multilateral cooperation programs and scenarios in force with the Organization for Economic Cooperation and Development - OECD.

### Statistician/policy Analyst

OECD-OCDE. (International Migration)

Paris, France

Jan 2022 -Dec 2022

- Partook in International Migration Outlook 2022 report and launching, utilized to analyze actual migration policy and numbers for both countries members and non, Built and Centralized statistical data review revamped statistical labor market annex and indicators (Published).
- Analyzed labor market with statistical offices of each country, reviewed labor patterns using differences breakdowns (Published).
- Designed and applied the new methodology for all Employment-unemployment and participation rates in the EU-EUROSTAT. Drafted country Migration notes coordinated with statistical institutions by country, and National offices (40 member states).
- Lead a project to boost and collect statistical information for Ukrainian refugees, designated one of the first data sources for statistical analysis worldwide, working with institutions (IMI, IOM-UN) for topics related to housing, Migrant inflows, and visa permits.
- Customized complex datasets (Administrative-Microdata-flows-stocks-surveys) from all OECD countries with specialized software such as R, Stata; multidisciplinary work with the statistic and economic team in the generation of indicators and analysis.
- Served as staffer and mentor for 3 interns; provided support and prepared training materials.
- Appointed member of the Colombian government, that monitors general migration in the country and integration of Venezuelans.

### Policy Research at the Jobs and Income Division.

OECD-OCDE (Employment Labour and Social Affairs)

Paris, France

Jul 2021 -Dec2022

- Managed the project on Geographic Inequality and Access to Social Programs in Member states. Refined in USA, England, Spain, and Sweden; project management engaged in a multidisciplinary team developing a database (microdata) of social programs for OECD states.
- Collaborated in the design of documentation sources, data, and limitations in data breaks, underlying policy reforms of 15 countries.
- Overviewed the creation of the results and empirical analysis; benchmarked characteristics of 20 social programs by provinces.

<b>Data / Policy Analyst.</b> Bogotá, Colombia.	<b>Ministry of Agriculture of Colombia.</b> Jul 2020 -Nov 2020
<ul style="list-style-type: none"> <li>Designed and iterated econometrics models applying forecast estimation for commodities (potatoes, rice, corn, soybeans).</li> <li>Advised two investors-traders in the Chicago Board of Trade CBOT and Colombia Stock Exchange (BVC); Confidential amount.</li> </ul>	
<b>Name Scanning Analyst Risk at the Antimony laundry -SARLAF division</b> Bogotá, Colombia.	<b>GBS Scotiabank Bank.</b> Jan 2019 -Sep. 2019
<ul style="list-style-type: none"> <li>Accomplished AML / CFT Politically Exposed Person regulation and compliance for LATAM region; boosted the audit on money laundering and sustainable finance with the establishment of new guidance and measurable protocols.</li> <li>Designed result metrics to justify the performance of the Colombia division vs LATAM teams; presented metrics to C-suite Canada.</li> </ul>	
<b>Economic Research Intern Assistant at the Economic research unit.</b> Bogotá, Colombia.	<b>Central Bank of Colombia.</b> Jan 2018 - Dec 2018
<ul style="list-style-type: none"> <li>Produced research informs of the industry performance and studies of business taxation for Colombia industrial organization; benchmarked new methodologies with cutting-edge econometrics for the estimation of effective corporate tax rates of consumers, workers, and capital.</li> <li>Calculated and benchmarked growth rates and profitability metrics of 100+ businesses to determine tax impact.</li> <li>Evaluated different methodologies of impact evaluation(Quasi experimental approach)</li> </ul>	

## Education

<b>M2 master’s in development economics.</b> Paris,France	<b>Université Paris 1 Panthéon Sorbonne.</b> Sept 2024 - Nov 2025
<ul style="list-style-type: none"> <li>Conducted applied research projects using Big Data, Python, forecasting models, and applied ML, including a migration nowcasting model with Google Trends data (Haiti) and an NLP-based study on migration sentiments in France (31,000+ news articles analyzed with VADER sentiment analysis)</li> <li>Entitle thesis “The Tone of Solidarity: Race, Colorism, and Attitudes Toward Redistribution in Colombia in Times of Migration” Hillel Rapoport and clement Gorin supervisors).</li> <li>Graduated within the top 5% of the class with a Distinguished Master’s Thesis mention “très bien” (14/20).</li> </ul>	
<b>M2 master’s in public policy. (Applied Economics)</b> Paris,France	<b>Université Paris 1 Panthéon Sorbonne.</b> Sept 2020 - Nov 2021
<ul style="list-style-type: none"> <li>Graduated within the top 5% of the class with a Distinguished Master’s Thesis mention “très bien” (17/20).</li> <li>Thesis Selected as Best Paper by Young Researchers IMA 2021- 8th World Congress of the International Microsimulation Association, University of Essex, England, Awarded with 500 € and publication in international journal link.</li> <li>Awarded with a Doctoral contract position at the school of economics EES Sorbonne University and Paris School of Economics.</li> </ul>	
<b>Masters in economics. (Econometrics, Impact evaluation, Finance, ESG policy)</b> Bogotá, Colombia.	<b>Pontificia Universidad Javeriana.</b> Jan 2019 - Dec 2021
<ul style="list-style-type: none"> <li>Graduated within the top 2% of the class with a Distinguished meritorious grade; spearheaded the graduation speech for the university.</li> <li>Conducted a theoretical study, waiting for publication “Welfare Dynamics and Fiscal Policy in a Growing Economy”.</li> <li>Currently serving as an alumni advisor.</li> </ul>	
<b>B.Sc. Economics ( Macroeconomics, Microeconomics).</b> Bogotá, Colombia.	<b>Pontificia Universidad Javeriana.</b> Jan 2014 - Dec 2019
<ul style="list-style-type: none"> <li>Produced the study “Estudio de convergencia Beta y Sigma en América Latina”. 2020, Published in journal Outier, num 15 December.</li> <li>Graduated within the top 10 % of the class.</li> <li>Elected member of the taekwondo team representing the university at the local and national level; a champion for two consecutive years.</li> </ul>	

## Languages,Skills,Interest

- Languages: Spanish (Mother tongue), French (C1) DALF, English (C1) IELTS, Italian (A1).
- IT skills Programs: Stata, RStudio, EViews, Microsoft Office, Bloomberg, EUROMOD, LATEX, AI/ML, NLP, ML frameworks
- Interest: sports (running preparing marathon, tennis, football), cinema (the'80s), culture, social sciences, dance (salsa), music, travelling

## Publication-Work in progress

- Changing the tax structure to reduce income inequality in Colombia: A microsimulation model University of Essex, Université Paris 1 panthéon Sorbonne, Universidad Javeriana. (published).
- Financial disincentives to formal employment and tax-benefit systems in Latin America, University of Essex, Externado (Working in progress)
- International Migration Outlook 2022 report (Published)
- Estudio de convergencia Beta y Sigma en América Latina (Published)
- Welfare Dynamics and Fiscal policy in a Growing Economy, (Working in progress)