

NICOLAS DOMINGUEZ

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EDUCATION

New York University | New York, NY

May 2023

Master of Arts, Econometrics and Quantitative Economics. Cumulative GPA: 3.572.

Generación Bicentenario Scholar: Full academic and living expenses covered by the Peruvian government.

Relevant coursework: Advanced Mathematical Economics (De la Fuente, Ok), Research Application in Causal Analysis (MHE, MM), Machine Learning and Algorithms for Computational Social Sciences (Sargent's QuantEcon).

Universidad de Piura | Lima, Peru

Dec 2015

Bachelor of Science, Economics. GPA: 15.8/20 (4.0 in U.S scale).

Top 2 in graduating class. Full-tuition scholarship granted for academic achievement.

RESEARCH EXPERIENCE

Graduate Summer Intern, Research Department, IDB | Washington, DC

Jun 2022 – Aug 2022

- For Eric Parrado (Inter-american Development Bank, IDB).
- Derived econometric specification to study occupational mobility and job computerisation on the labor markets in Peru and the US. Handled panel survey databases and reported graphs and tables. Currently working on a draft.

Part-time Research Assistant, Department of Economics, Universidad de Piura | Lima, Peru

Oct 2019 – Aug 2021

- For Miguel-Ángel Carpio (Universidad de Piura), Horacio Larreguy (ITAM), John Marshall (Columbia University).
- Quantitative analysis using econometrics and handling of large administrative databases on electoral candidates and government spending in Peru. Draft reports including tables and graphs ready for analysis.
- Qualitative analysis from conducting interviews with government officials.

Research Assistant, Group of Analysis for Development (GRADE) | Lima, Peru

Mar 2016 – Oct 2018

- For Juan-José Díaz (GRADE).
- Provided analysis on several research projects in the topics of labor, poverty, health and gender. Including the application of quasi-experimental impact evaluation methods and decomposition analysis, literature reviews, and data handling.
- Managed the implementation of a experimental research project about the impacts of a production program on gender empowerment outcomes. Including questionnaire design, training of fieldworkers, and econometric analysis.
- Built algorithms to parse and scrape information from web pages, analyzed georeferenced data, constructed large data sets, which required proficiency in the use of tools such as ArcGis, and coding in Python and Stata.

Research Assistant, Department of Economics, Universidad de Piura | Lima, Peru

Jan 2014 – Dec 2014

- For Noelia Bernal (Universidad del Pacífico), Miguel-Ángel Carpio (Universidad de Piura).
- Quantitative analysis using econometrics, literature review, and handling of main household surveys to carry quasi-experimental impact evaluation of Peru's largest social programs like Seguro Integral de Salud (SIS) and Pension 65.

FIELDS OF INTEREST

Public Economics, Labor Economics, Education, Political Economy, Development.

RELATED PROFESSIONAL (GOVERNMENT) EXPERIENCE

Consultant, Employment Promotion Office at the Ministry of Labor | Lima, Peru

Jul 2019 – Aug 2021

- Designed and draft the experimental impact evaluation of the Ministry's new youth employment program involving hiring subsidies and cash for training, as well as for other interventions. These were supervised and funded by the IDB.
- Managed teams and coordinated activities from projects developed under the newly launched Innovation Lab.
- Analyze and handle large administrative databases on employment promotion issues, using econometrics and machine learning techniques to meet the needs of the Office.

Consultant, Impact Evaluation Office at the Ministry of Production | Lima, Peru

Nov 2018 – Jun 2019

- Designed and draft the experimental and quasi-experimental impact evaluation of the Ministry's programs intended for SMEs to overcome productivity gaps. Literature review and handling of large administrative databases.

TEACHING EXPERIENCE

Teaching Assistant, Department of Economics, Universidad de Piura | Lima, Peru
2020 Microeconometrics UG, Instructor: Ph.D. Jorge Catepillán
2015 Development and Environmental Economics UG (×2), Instructor: D.Phil. César Calvo
2014 Fundamentals of Econometrics UG (×2), Instructor: D.Phil. César Calvo
2013 Consumer and Firm Theory UG (×2), Instructor: Ph.D. Miguel-Ángel Carpio
2012 Mathematics for Economists 1 and 3 UG, Instructor: M.Sc. Abraham Aguilar

RESEARCH

As Author

Dominguez, N., Carreno, L., Vargas, C. (2022). *Short-term effects of Recreational marijuana legalization on Crime*.
Dominguez, N., Kitmang, J., Manrique, G. (2018). *¿La escuela reproduce las desigualdades? Segregación entre salones de clases*. Project awarded the CIES-IDRC 2017 grant.

Relevant Contributions and Acknowledgments

Díaz, J. J., Saldarriaga, V. (2020). A Drop of Love? Rainfall Shocks and Spousal Abuse: Evidence from Rural Peru. Rainfall Shocks and Spousal Abuse: Evidence from Rural Peru. Available at SSRN.
Bernal, N., Olivera, J. (2020). Choice of pension management fees and effects on pension wealth. Journal of Economic Behavior Organization. Volume 176, Pages 539-568.
Díaz, J. J., Chacaltana, J., Rigolini, I. P., Ruiz, C. (2018). Pathways to Formalization: Going Beyond the Formality Dichotomy: The Case of Peru. The World Bank. Policy Research Working Paper 8511.
Díaz, J.J. (2017). Protección social y oportunidades económicas en zonas rurales del Perú: Impactos económicos y sociales de la interacción entre Haku Wiñay y Juntos. Manuscript. Lima: Grupo de Análisis para el Desarrollo.
Bernal, N., Carpio, M. A., Klein, T. J. (2017). The effects of access to health insurance: evidence from a regression discontinuity design in Peru. Journal of Public Economics, 154, 122-136.
Fernandez, F., Saldarriaga, V. (2014). Do benefit recipients change their labor supply after receiving the cash transfer? Evidence from the Peruvian Juntos program. IZA J Labor Develop 3, 2.

CONFERENCE PRESENTATIONS

PEA, V Annual congress of the Peruvian Economic Association in Piura, Peru. August 2-3, 2018. Session 'Education 4'. "¿La escuela reproduce las desigualdades? Segregación entre salones de clases".

FELLOWSHIPS, GRANTS AND HONORS

Generación Bicentenario Scholar. M.A. in Economics, New York University. 2021 – 2023
Full-tuition scholarship plus living expenses awarded by the Peruvian government in national-level contest for academic promise.
CIES/IDRC Grant (CA\$ 5,000). With Jostin Kitmang and Gonzalo Manrique. 2017
"¿La escuela reproduce las desigualdades? Segregación entre salones de clases"
Excelencia Prima AFP Award for the Top 2 academic GPA in UG Economics at a top university in Peru. 2015
LEAD Alumni Honor (Economics Department List of Alumni recognized for best academic performance). 2014
UG Scholar. B.Sc. in Economics. Universidad de Piura 2011 – 2015
Full-tuition scholarship for academic achievement and need (renewed every year).

COMPUTER SKILLS

Stata, Python (sklearn, pandas, matplotlib, tensorflow), R, ArcGis, QGis, L^AT_EX, Git.

ADDITIONAL TRAINING

- Online Summer Academy for Plural Economists: Reimagining Economics (2021): Decolonizing Economics - The Art of (Un)thinking; Economics of Discrimination.
- Lima Summer School in Economics (2020): Empirical Topics in Labour Economics: Theory and Practice.
- Lima Summer School in Economics (2018): Regression Discontinuity Design: Theory and Practice; Empirical Analysis of Wage Differentials: Discrimination and Decomposition Methods.

ADDITIONAL INFORMATION

Languages: English (*Full Professional Proficiency*), Spanish (*Native*).
Service: NYU Graduate Students in Economics Council (GSEC), *Member* (Sep 2022 – Present).
NYU GSAS Mentorship Program, *Mentor* (Sep 2022 – Present).
Other: Coffee, Football, Mental Health awareness (ADHD), Transparency and Reproducibility in Science.

REFERENCES

Sahar Parsa
Clinical Assistant Professor
Department of Economics
New York University
sahar.parsa@nyu.edu

Juan-José Díaz
Senior Researcher and Executive Director
Research Unit & Executive Board
Group of Analysis for Development
jjdiaz@grade.org.pe

Miguel-Ángel Carpio
Associate Professor
Department of Economics
Universidad de Piura
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Eric Parrado
Chief Economist and General Manager
Research Department
Inter-american Development Bank
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