

NICOLAS DOMINGUEZ

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EDUCATION

New York University | New York, NY

May 2023 (expected)

Master of Arts, Econometrics and Quantitative Economics. Current GPA: 3.6.

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).

University of 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 scholarship for academic achievement.

RESEARCH EXPERIENCE

Research Associate, Department of Economics, University of Piura | Lima, Peru

Oct 2019 – Aug 2021

- For Miguel-Ángel Carpio (University of Piura), Horacio Larreguy (ITAM), John Marshall (Columbia University).
- Quantitative analysis using econometrics and handling of large administrative databases on electoral candidates and government spending. 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, University of Piura | Lima, Peru

Jan 2014 – Dec 2014

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

ADDITIONAL (GOVERNMENT AND TEACHING) 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 new Laboratory of Innovation.
- 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 Assistant, Department of Economics, University of 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 INTERESTS

Labor, Education, Political Economy, Social inequalities, Upward mobility, Gender and race.

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".

GRANTS & DISTINCTIONS

- The International Development Research Centre (IDRC) through the Economic and Social Research Consortium (CIES) in Peru (2017) with a grant awarded in the topic of "Governance, citizen rights and other economic and social topics" in national level contest (CAD 5,000).
- Excelencia Prima AFP Award (2015), for the best academic GPA in UG Economics at a top university in Peru.

SKILLS

COMPUTER: Stata, Python, R, ArcGis, QGIS, L^AT_EX.
LANGUAGES: English (Proficient), Spanish (Native).

ACADEMIC ACTIVITIES

- 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

OTHER: Coffee and Brewery, Football (Soccer), Microsoft's Age of Empires II, Sightseeing.
ORGANIZATIONS: PeruData (Github project).

REFERENCES

Sahar Parsa Clinical Assistant Professor New York University sahar.parsa@nyu.edu	Miguel-Ángel Carpio Associate Professor University of Piura miguel.carpio@udep.edu.pe	Juan-José Díaz Senior Researcher Group of Analysis for Development jjdiaz@grade.org.pe
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