

# Eduard Fernando Martínez González

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## Current Position

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|        | <b>Superintendencia de Economía Solidaria.</b>                   |
| 2023 - | Director of the Data Analytics Group.                            |
|        | <b>Department of Economics, Universidad de los Andes.</b>        |
| 2019 - | Adjunct professor: Statistical & R Programming Workshop Seminar. |

## Education

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|      | <b>Department of Economics, Universidad de los Andes, Colombia.</b>  |
| 2024 | PhD. in Economics.   |
| 2022 | M.Sc in Economics.   |
|      | <b>Department of Economics, Universidad del Magdalena, Colombia.</b> |
| 2017 | B.A. In Economics.   |

## Research Interests

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Applied Econometrics, Big Data and Machine Learning, Public Policy, Illegal Markets.

## Working Papers

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Coca-Based Local Growth and Its Socio-Economic Impact in Colombia. [\[PDF\]](#) (with [Lucas Marín Llanes](#), [Manuel Fernández](#), [María Alejandra Vélez](#) and Paulo Murillo)

Land Rights and Roads: Understanding the Long Impact of Property Rights and Rural Infrastructure on Illicit Crops. [\[PDF\]](#) (With [María del Pilar López-Urbe](#) and [Juan Carlos Muñoz-Mora](#))

Restrictions on Urban Mobility and Crime: Evidence from Motorcycle Bans in Colombia. [\[PDF\]](#) (With [Michael Weintraub](#) and [Leonardo Bonilla-Mejía](#))

Using Big Data for Compliance: The Effects of Sending Information to Managers of Solidarity Companies in Colombia – A Randomized Controlled Trial. (With [Cesar Mantilla](#) and Angel Castillo)

Payroll Taxes, Wage Rigidities and Youth Unemployment: Evidence from Colombian Labor Market. [\[PDF\]](#) (With [Danilo E. Aristizabal-Giraldo](#)).

Losing the Lottery: Household Financial Shocks and Crime. [\[PDF\]](#).

## **Publications**

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Bonilla-Mejía, L. y Martínez-González, E., (2017). Educación Escolar para la Inclusión y la Transformación Social en el Caribe Colombiano. *Revista del Banco de la República*, 90(1080), 13–45.

Bayona-Velásquez, Etna M.; Erazo-Ortiz, Dayanna S. y Martínez-González, Eduard F. (2018). Fomento a la innovación en la industria manufacturera de Colombia: Un análisis cuantitativo para 2013-2014. *Dimensión Empresarial*, 17(1), 15-28.

## **Research Employment**

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2024	<b>Childlight, The University of Edinburgh</b> Global Data Fellow. With Arturo Harker.
2022 - 2023	<b>International Fund for Agricultural Development (IFAD)</b> Consultant – Economist at Research and Impact Assessment (RIA). With Sara Savastano and Aslihan Arslan.
2021	<b>School of Finance, Economy and Government, Universidad EAFIT, Colombia.</b> Research Analyst at Centro de Investigaciones Económicas y Financieras (CIEF). Prof. Santiago Tobón.
2019 - 2020	<b>Departament of Economics, Universidad de los Andes, Colombia.</b> Research Assistant at Centro de Estudios de Desarrollo Económico (CEDE) Prof. Maria del Pilar López.
2018 - 2019	Research Analyst at Centro de Estudios sobre Seguridad y Drogas (CESED). Prof. Michael Weintraub.
2016 - 2017	<b>Central Bank of Colombia.</b> Research Assistant at Centro de Estudios Económicos Regionales (CEER) Researcher Leonardo Bonilla Mejía.
2015 - 2016	<b>Departament of Economics, Universidad del Magdalena, Colombia.</b> Research Assistant at Grupo de Análisis en Ciencias Económicas (GACE) Prof. Etna Bayona.

## Teaching Experience

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**Departament of Economics, Universidad de los Andes, Colombia.**  
2019 - 2024 Adjunct professor: Statistical & R Programming Workshop Seminar.  
2021 - 2023 Adjunct professor: Big Data and Machine Learning for Real Estate.  
2021 - 2023 Adjunct professor: Microsoft Excel Workshop Seminar.  
2022 Teaching Assitance: Big Data and Machine Learning for Applied Economics.  
2019 - 2022 Guest Lecturer: Module of Economics in Constitución y Democracia .

**Departament of Economics and Bussines, Universidad del Magdalena, Colombia.**  
2021 Adjunct professor: R Workshop for Applied Economics.

**Universidad Piloto de Colombia, Colombia.**  
2021 Adjunct professor: Workshop at Geostatistics.

## Conference Presentations

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Doctoral Workshop 2020-2022, VII Congreso de Economía Colombiana 2022 (UNU-WIDER), III National Colloquium of Doctoral Students in Economics 2020, Seminario CESED 2020, 2023.

## Fellowship and Awards

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**Departament of Economics, Universidad de los Andes:** Best paper of the doctoral workshop seminar (2022) and special mention (2021). **Ministerio de Ciencia y Tecnología de Colombia:** Economics Ph.D. Full Scholarship (2020-2022).

## References

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### Rachid Laajaj

Associate Professor  
Departament of Economics  
Universidad de los Andes  
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### Ignacio Sarmiento Barbieri

Assistant Profesor  
Departament of Economics  
Universidad de los Andes  
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### Leonardo Bonilla Mejía

Researcher  
Labor Economics Research Group  
Central Bank of Colombia  
[lbonilme@banrep.gov.co](mailto:lbonilme@banrep.gov.co)

### Michael Lee Weintraub

Associate Professor  
Escuela de Gobierno  
Universidad de los Andes  
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