

Omar David Vanegas-Virgüéz

Ph.D. Student/Graduate Teaching Assistant, Florida International University (FIU), Miami, United States of America
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RESEARCH INTERESTS

Development Economics, Data Science, Economics of Education, Transport Economics, Causal Inference.

EDUCATION

Florida International University, Miami, United States of America Jan 2024 — Present
Ph.D. in Economics

Universidad Externado de Colombia (UEC), Bogotá D.C., Colombia Jun 2019 — May 2020
M.A. in Economics

Universidad Externado de Colombia, Bogotá D.C., Colombia Jan 2014 — Sep 2018
Bachelor of Science in Economics

Universidad Sergio Arboleda, Bogotá D.C., Colombia Mar 2022 — Jul 2022
Diploma Course in R and Python applied for data analysis

University of Essex, Essex, England, United Kingdom Jun 2020 — Aug 2020
Summer course “Beyond OLS Categorical Choice and Count Models”

EMPLOYMENT

Florida International University Miami, United States of America
Graduate Teaching Assistant Jan 2024 — Present

- Assist Faculty members of the Department of Economics with a teaching assignment.
- Preparing lectures, grading assignments, researching class topics, and substituting for Faculty Records on select class days.

Colombian Chamber of Infrastructure Bogotá D.C., Colombia
Senior Economist Mar 2023 — Dec 2023

- Provide support to the technical and law areas to develop different studies in the infrastructure sector.
- Create a Power BI application with economic analysis about the infrastructure sector.

Superintendencia de Industria y Comercio Bogotá D.C., Colombia
Economist Apr 2021 — Jul 2023

- Provide support in producing documents about the composition and presentation of different markets relevant to consumer protection.
- Leadership and preparation of sectoral studies of different markets such as the online betting market, drug market and collective management companies.

Universidad Externado de Colombia. Bogotá D.C., Colombia
Research Assistant Mar 2019 — Apr 2021

- Professor of microeconomics I at the undergraduate degree in economics. Professor of the subject Microeconomics III of the undergraduate degree in Economics.
- Research assistant in the implementation of the COLMOD microsimulation model for various research projects.

Ministerio de Hacienda y de Crédito Público. Bogotá D.C., Colombia
Intern in contingent liabilities Jan 2018 — DJul 2018

RESEARCH

The Effects of Alternative Financial Aid Assignment Methods in Higher Education. Job Market Paper.
Author Supervisor: Tobias Pfutze

Credit Constraints and Higher Education Mismatch: Evidence from Colombia. (Joint with David A. Ortiz Escobar and Anderson Tami-Patiño).

Co-author

Does Theft Crime Influence International Students' Choices Among Destinations? The Case of Credit Mobility Studies. (Joint with Andrés Camacho Murillo).

Co-author

Repetition and school performance. (Joint with Tobias Pfütze and Anderson Tami-Patiño).

Co-author

PUBLICATIONS

Articles

Published

- Jara, H. X., Rodríguez, D., Collado, D., Torres, J., Mideros, A., Montesdeoca, L., Avellaneda, A., Chang, R., & Vanegas, O. (2025). Assessing the role of tax-benefit policies during the COVID-19 pandemic: Evidence from the Andean region. *Review of Development Economics*, 29(1), 226-246. <https://doi.org/10.1111/rode.13125>

Working Paper

- Camacho Murillo, G y Vanegas Virgüéz, O. (2024). Does theft crime influence international students' choices among destinations? The case of credit mobility studies. Universidad Externado de Colombia. Facultad de Economía.: <https://bdigital.uexternado.edu.co/handle/001/15969>

Working Paper

- Vanegas Virgüéz, O, Lozano Maturana, G. y Speck Hernández, J. (2023). Concentración en los mercados laborales : evidencia para el caso colombiano. Universidad Externado de Colombia. <https://bdigital.uexternado.edu.co/handle/001/14052>.

Working Paper

- Avellaneda, Andrés et al. (2021) : Assessing the cushioning effect of tax-benefit policies in the Andean region during the COVID-19 pandemic, CeMPA Working Paper Series, No. CeMPA WP 8/21, University of Essex, Centre for Microsimulation and Policy Analysis (CeMPA), Colchester.

Published

- Carvajal Parra, M., Vanegas Virgüéz, O. (2018) : ¿Existe la libertad de elección?, Revista Divergencia.

Published

- Caro, A., Vanegas Virgüéz, O. (2017) : la década perdida de Japón: causas y lecciones, Revista Divergencia.

Book Chapter

Published

- Vanegas Virgüéz, O. (2020) El valor agregado en las Instituciones de Educación Superior como factor para mejorar la calidad educativa, *Revolución en la Formación y la Capacitación para el Siglo XXI*. <https://dialnet.unirioja.es/servlet/articulo?codigo=8724034>

AWARDS, HONORS AND CERTIFICATIONS

2025. **Teaching with AI.** Florida International University.

2024. **Certificate in University Teaching and Learning. Tier 1.** Florida International University.

2024. **Teaching assistantship.** Florida International University.

2019. **Winner of the "Best Postgraduate Poster" category.** Department of Economics. Universidad Externado de Colombia.

TEACHING EXPERIENCE

Aug 2023 - Dec 2024. **Microeconomics.** Undergraduate program in Tourism and Hotel Business Administration, UEC.

Mar 2022 - Dec 2023. **Economic Applications in Education.** Master in Economics and Politics of Education, UEC.

Mar 2022 - Dec 2023. **Economic Applications in Education.** Master in Economics and Politics of Education, UEC.

Jan 2021 - Jun 2022. **Limited Dependent Variable Econometric Methods.** Master in Economics, UEC.

Nov 2022 - May 2023. **Quantitative Methods 1.** Master in Markets and Competition, UEC.

Jan 2022 - Dec 2022. **Introduction to economics.** Undergraduate program in Law, UEC.

Jul 2021 - Dec 2021. **Economic Analysis of Law.** Undergraduate program in Law, UEC.

Jan 2021 - Jul 2021. **Microeconomics I**. Undergraduate program in Economics, UEC.

Jan 2021 - Jul 2021. **Econometrics I (TA)**. Master in Economics, UEC.

Jan 2021 - Jul 2021. **Introduction to Economics II (Microeconomics)**. Undergraduate program in Tourism and Hotel Business Administration, UEC.

OTHER EXPERIENCE IN ACADEMIA

Mar 2023 - Present. **Academic Coordinator Master's Degree in Economics and Education Policy**. Department of Economics, UEC.

Aug 2025 - Jul 2026. **President**. Graduate Students Association Economics Club. Florida International University.

CONFERENCES AND WORKSHOPS

2025. Department of Economics Seminar. Universidad Externado de Colombia.

2024. Department of Economics Seminar. Universidad Externado de Colombia.

2022. II International Congress on Tourism Research 2022. Universidad Externado de Colombia.

2022. XXII National Congress on Energy Law. Universidad Externado de Colombia.

OTHER

Refereeing

Revista de Economía Institucional.

Thesis supervisor. Master in Economics of Education and Policy. UEC.

Thesis committee member. Master's Degree in Markets and Competition. UEC.

Thesis committee member. Master's Degree in Evaluation and Contracting of Public Projects. UEC.

Thesis committee member. Master in Economics of Education and Policy. UEC.

Languages

Spanish (native).

English (fluent).

SKILLS

- **Programming:** Python, R, Stata.
- **Software:** Microsoft Office Packages (Excel, Word, Teams, etc), , Power BI, Git, LaTeX, ArcGIS.
- **Soft Skills:** Problem-solving, Critical thinking, Communication, Teamwork, Time management, Adaptability.

REFERENCES

Tobias Pfutze

Associate Professor and Graduate Director, Department of Economics, Florida International University, Miami, United States of America

E-mail: tpfutze@fiu.edu

Scholar Profiles: [FIU - Department of Economics Personal Page](#) — [Google Scholar](#) — [LinkedIn](#)

Carolina Ulloa Suarez

Country Economist, Inter American Development Bank, Washington D.C., United States of America

E-mail: carolina.ulloa-suarez@univ-amu.fr

[Google Scholar](#) — [LinkedIn](#)