

Curriculum Vitae/Resume

Carlos Rojas Quiroz

✉ carlosrojasquiroz@gmail.com 🌐 <https://carlosrojasquiroz.netlify.app>

Education

- ★ *MSc in Economic Analysis*, Universidad Carlos III de Madrid (September 2019 - July 2021).
- ★ *MSc in Economics*, Pontificia Universidad Católica de Chile (March 2014 - December 2015).
- ★ *BSc in Economics*, Universidad Nacional Agraria La Molina (March 2006 - June 2011).

Professional experience

- ★ *Senior Economist*, Technical Secretariat at the Fiscal Council of Peru (March 2018- August 2019).
I led a small team of two economists in charge of developing and testing a macroeconomic forecasting system and public debt projections (including public debt sustainability analysis). We also wrote monthly policy reports and prepared presentations to the Board on short-term macro-fiscal issues. Moreover, I wrote policy papers and boxes on fiscal risks, the fiscal policy stance, public contingents, and GDP dependence on external factors.
- ★ *Economist*, National Council of Science, Technology and Technological Innovation (July 2016- February 2018).
I worked at the Directorate of Research and Studies. I was in charge of the management, preparation, and analysis of Science and Technology databases. Moreover, I prepared reports and presentations about the Peruvian Atlas of Economic Complexity, multipliers of public Science and Technology expenditures, the National Census of public R&D activities, and the labor market mismatch in STEM Graduates.
- ★ *Economist/Consultant*, Ministry of Economy and Finance (March 2011- January 2014 and February - July 2016).
Between 2011-2014 I worked as an Economist at the Directorate of Macroeconomic Policy and Fiscal Decentralization. I was in charge of analyzing and projecting fiscal revenues, calculating the structural fiscal balance, and reporting the state of budgetary resources to the Vice Ministers. I also participated in the Macroeconomic Multiannual Framework (MMF) redaction, writing policy papers on structural fiscal balance methodology, and preparing presentations to the High Staff, among other duties. I was also part of the Technical Team that worked on designing and implementing the structural fiscal rule. In my second period (2016), I worked at the same Directorate as a Consultant. I led a team (three economists and one intern) in charge of analyzing fiscal revenues and calculating the budgetary resources. Moreover, I was responsible for the redaction and supervision of the fiscal policy section in the MMF. I also participated in meetings with international and multilateral organizations as well as other Peruvian policy-making institutions.

- ★ *Research Internship*, Central Reserve Bank of Peru (June - December 2010).

I worked six months as an Intern at the Directorate of Economic Research. I assisted senior economists in writing literature reviews about topics of their interest, preparing and managing databases, coding some programs in Eviews, Matlab, and Stata, and designing graphs and diagrams for their papers. I also supported in the writing process of Marco Vega and Alberto Humala's papers on exchange rate regimes and uncovered interest rate parity, respectively.

Teaching experience

- ★ *Teaching Assistant* in Economics I (Microeconomics) and Economics II (Macroeconomics) at Department of Economics, Universidad Carlos III de Madrid (August 2020 - June 2021).
- ★ *Part-time Lecturer* in Economic Growth Theory, Monetary Theory and Applied Macroeconomics at Department of Economics, Universidad Peruana de Ciencias Aplicadas (March 2017- June 2019).
- ★ *Part-time Lecturer* in Macroeconomic Theory II and Dynamic Macroeconomics at Department of Economic Engineering, Statistics and Social Sciences, Universidad Nacional de Ingeniería, Peru (August 2016- June 2018).
- ★ *Teaching Assistant* in Dynamic Macroeconomics at Department of Economics and Planning, Universidad Nacional Agraria La Molina, Peru (March - December 2010).

Honors and awards

- ★ *Research Award*, Network Project on Fiscal Rules and the Behavior of Public Investment, Inter-American Development Bank (August 2019).
- ★ *Graduate Scholarship*, Universidad Carlos III de Madrid (August 2019 - June 2021).
- ★ *Academic Excellence Award*, Pontificia Universidad Católica de Chile, (December 2015).
- ★ *Maximum Distinction for Master's Thesis*, Pontificia Universidad Católica de Chile, (December 2015)
- ★ *"Presidente de la República" Scholarship*, Peruvian Government (March 2014- December 2015).
- ★ *Maximum Distinction for Bachelor's Thesis*, Universidad Nacional Agraria La Molina, Peru (November 2011).
- ★ *Graduated with Honors*, Universidad Nacional Agraria La Molina, Peru (November 2011).
- ★ *University Extension Course in Economics*, Central Reserve Bank of Peru (January - March 2010)

Publications

Journal Articles

Optimal Monetary Policy under Financial Instability in Emerging Market Economies, 2018, *Economía Chilena*, Vol. 21 No. 1 pp. 68–117 (*in Spanish*).

Optimal Monetary and Macroprudential Policies after Basel III, 2017, *Estudios Económicos*, No. 33, pp. 57–94 (*in Spanish*).

Peruvian Fiscal Policy: Methodological Adjustments of the Structural Balance Calculation, 2016, *Moneda*, No. 167, pp. 32–36. With N., P. Lengua and J. Rodríguez (*in Spanish*).

Labor Market Mismatch in Peruvian University Graduates: An Ordinal Analysis with Focus on Science and Technology Careers, 2020, *Revista Peruana de Investigación Educativa*, No. 13, pp. 7–37. With M. Ortiz and N. Rodríguez (*in Spanish*).

Working Papers

Fiscal Rules and Public Investment: the case of Peru, 2000–2019, 2021, *IDB Working Paper Series No. IDB-WP-1186*. With W. Mendoza, M. Vega and Y. Anastacio (*in English*).

Fiscal Risks: Analysis of the Macrofiscal Projections from the Multiannual Macroeconomic Framework, 2019, *Discussion Notes of the Technical Secretariat at the Fiscal Council of Peru*, No. 001-2019-CF/ST. With G. Ganiko (*in Spanish*).

Fiscal Stance and the Business Cycle, 2018, *Discussion Notes of the Technical Secretariat at the Fiscal Council of Peru*, No. 001-2018-CF/ST. With R. Vassallo (*in Spanish*).

The Structural Balance, an Analytical Tool for the Fiscal Policy, 2012, *Research Papers of the Ministry of Economy and Finance of Peru*. With A. Granda and C. Liendo (*in Spanish*).

Skills

Software

Matlab, Julia, Stata, Python, Eviews, and R.

Languages

Spanish (native) and English (fluent).

References

Waldo Mendoza Bellido

Minister of Economy and Finance (MEF)
Peruvian Government

✉ waldo.mendoza@pucp.pe

Klaus Schmidt-Hebbel

Department of Economics
Universidad del Desarrollo, Chile
✉ kschmidt-hebbel@gmail.com

Brigitt Bencich Aguilar

Vice Minister of Economy - MEF
Peruvian Government

✉ veconomia@mef.gob.pe

Marco Vega de la Cruz

Deputy Manager, Economic Research
Central Reserve Bank of Peru
✉ marco.vega@bcrp.gob.pe