

# PAULO CESAR RAMOS HUARACHI

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## Education

2023-present	<b>Universidad Nacional de Ingeniería</b> <i>Degree:</i> Master of Science Economic Engineering <a href="#">link</a> <i>Status:</i> Currently in the third cycle, with expected completion in the first semester of 2025. <a href="#">link</a>	Lima, Perú
2014-2020	<b>Universidad Mayor de San Andrés</b> <i>Degree:</i> Bachelor's in Economics, Specialist in Economic Analysis <a href="#">link</a> <i>Academic Ranking:</i> 4th place of 218 students in the same cohort <a href="#">link</a> <i>Thesis Defense:</i> Passed with distinction, scoring 100/100	La Paz, Bolivia
2021-2022	<b>Universidad Privada de Bolivia</b> <i>Degree:</i> Postgraduate degree in Quantitative Methods for Economic Analysis	La Paz, Bolivia
2016-2017	<b>Universidad "Escuela Militar de Ingeniería"</b> <i>Degree:</i> Postgraduate in Applied Quantitative Economics	La Paz, Bolivia

## Academic and Professional Goals

My goal is to support the implementation of public policies on fiscal, productive, monetary, and social issues to promote the development of my country through quantitative analysis and research. I aim to advance my career as a policy advisor, researcher, educator, sharing knowledge with students and colleagues. I seek to bridge academic research and policy implementation.

## Professional and Academic Experience

2024-Present	<b>Universidad Alberto Hurtado - Chile</b> ■ <i>Role:</i> Peer Reviewer, <i>Revista Análisis Económico (RAE)</i> <a href="#">link</a>	Santiago, Chile
2022-Present	<b>Research Institute in Economics and Finance</b> <i>Research and Teacher Assistance in Heterogeneous Agents in Macroeconomics and Asset Pricing</i>	Lima, Perú
2020-Present	<b>Ministry of Economy and Public Finance (MEFP)</b> ■ <i>Role:</i> Econometric Researcher, Fiscal Analysis and Studies Unit ■ Manage the process of drafting, reviewing, editing, and publishing the <i>Cuadernos de Investigación Económica Boliviana</i> Journal (composed in LaTeX). ■ Research fiscal, real, financial, price, and external sectors, applying econometric tools to provide scientific evidence of the impact of economic policies. ■ Participate in intra- and inter-institutional technical teams for economic analysis using econometric tools, contributing to preparing relevant documents and reports to support decision-making.	La Paz, Bolivia
2017-2019	<b>Universidad Mayor de San Andrés</b> ■ <i>Undergraduate Teaching Assistant</i> ■ Courses: Microeconomics I, Macroeconomics I, and Macroeconomics II	La Paz, Bolivia

## Relevant Courses and Seminars

2024	<b>Technical Assistance Ministry of Economy - Inter-American Development Bank (IDB) FISLAC Project</b> ■ Focused on fiscal sustainability for Latin American and Caribbean countries. ■ Analysis of macro-fiscal variables and evaluation of the economic impacts of macroeconomic policies.	La Paz, Bolivia
2023-2024	<b>Grupo Lambda Perú (λ)</b> ■ Macroeconomic Analysis and Forecasting with Machine Learning ■ Applied Macroeconometrics ■ R and Python for Economists	Lima, Perú
2022-2023	<b>RIEF - Teaching in Summer School in Economics and Finance (5<sup>th</sup> and 6<sup>th</sup> version)</b> <a href="#">link</a>	Lima, Perú
2020	<b>Coursera</b> ■ Game Theory with Python ■ Business English: Finance and Economics	Online Courses
2019-2022	<b>International Monetary Fund (IMF) EdX</b> ■ Macroeconometric Forecasting (Ongoing) ■ Monetary Policy Analysis and Forecasting ■ Macroeconomic Diagnostics ■ Financial Programming and Policies	edX Courses

## Awards and Distinctions

2024	<b>Banco Central de Bolivia</b> Awarded second place in the category " Macroeconomic and Financial Topics" - "Macroeconomic and Redistributive Impact of Tax Reforms with a Heterogeneous Agents Model," with Andres Monzon.	La Paz, Bolivia
2023	<b>Ministry of Economy and Public Finance</b>	La Paz,

	Academic Recognition Certificate signed by the Minister of Economy Awarded for the research paper " <i>Evaluation of Household Welfare in Food Consumption</i> ", which significantly contributes to the state-of-the-art and scientific research in the economic and social fields.	Bolivia
2021-2024	<b>Ministry of Economy and Public Finance</b> <i>Memorandum of Commendation</i> : Recognized for exceptional effort, dedication, teamwork, and commitment during the development of my duties.	La Paz, Bolivia
2019	<b>Faculty of Economics and Business, University of Chile; Private University of Bolivia; and Bolivian Catholic University</b> - Excellence Course in Economics <i>Completed with Distinction</i> : Ranked 3rd	La Paz, Bolivia
2017	<b>Universidad Mayor de San Andrés – Economics Department</b> Invited as a Teaching Assistant in Microeconomics	La Paz, Bolivia

## Publications

2024 -	<b>Heterogeneous Effects of Monetary Policy and Its Distributional Impacts: A Heterogeneous Agents Approach</b> <i>Master's Thesis - Advisor: PhD, Hamilton Galindo</i>	
2024 -	<b>Assessing the Effectiveness of Monetary Policy Tools Under De-dollarization: A Time-Varying Analysis</b> <a href="#">link</a>	
2024	<b>Machine Learning Insights into Bolivia's Economic Downturns</b> <a href="#">link</a>	
2024	<b>Macroeconomic and Redistributive Impact of Tax Reforms: A Heterogeneous Agents Model</b> <a href="#">link</a>	
2023	<b>Assessment of Household Welfare in Food Consumption: An Application of Vartia's Algorithm</b> <a href="#">link</a>	
2021	<b>Intergenerational Income Mobility in Bolivia – Social Sector Section of the Memoria de la Economía Boliviana</b>	
2021	<b>Effects of Real Exchange Rate Movements in a Theoretical Model for Bolivia</b> <a href="#">link</a>	
2020	<b>Chapter 11 in the Book: Informal Economy and Informality in a Multiethnic Society Informality – Labor Market</b> <a href="#">link</a>	
2019	<b>Small Open Economy Model: The Case of Bolivia</b> <a href="#">link</a>	
2018-	<b>Effects of Human Capital and Employment Quality on Poverty: A Logistic Approach for Bolivia</b>	
2019	<b>Microeconomic Determinants of Poverty in Bolivia</b>	

## Other Activities

2022	<b>Universidad Mayor de San Andrés</b> ■ Member of Graduates Commission for the Accreditation Process for ARCUSUR System of MERCOSUR.	La Paz, Bolivia
2022	<b>Research Institute in Economics and Finance</b> ■ Participant in the EconFin Reading Group: Heterogeneous Agents in Asset Pricing	La Paz, Bolivia
2018 - 2019	<b>Universidad Mayor de San Andrés</b> ■ Member of the Merit Evaluation Committee in the Economics Department and Academic Research and Service Assistants.	La Paz, Bolivia
2018	<b>Universidad Mayor de San Andrés – Carrera de Economía</b> ■ Representative of Teaching Assistants.	La Paz, Bolivia

## Professional References

### Marcelo Montenegro Gomez Garcia

♦ Minister of Economy and Public Finance of Bolivia

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### Deysi Mónica Mamani Tola

♦ Head of the Unit of Fiscal Analysis and Studies, (Principal Advisor of Policy Economics)

✉ [deysi.mamani@economyfinanzas.gob.bo](mailto:deysi.mamani@economyfinanzas.gob.bo)

### Osmar Bolivar Rosales, M.Sc.

♦ Economic Specialist, Researcher and Econometrician, Unit of Fiscal Analysis and Studies,

✉ [osmar.bolivar@economyfinanzas.gob.bo](mailto:osmar.bolivar@economyfinanzas.gob.bo)

## Academic References

### Hamilton Galindo Gil

Ph.D. in Finance, Arizona State University Email: [h.galindogil@asuohio.edu](mailto:h.galindogil@asuohio.edu)

### Rómulo Chumacero

Ph.D. in Economics, Duke University Email: [rchumacero@gmail.com](mailto:rchumacero@gmail.com) - [rchumace@fen.uchile.cl](mailto:rchumace@fen.uchile.cl)

### Iván Velásquez Castellanos

Ph.D. in Economics, University of Bonn Email: [ivan.velasquez@kas.de](mailto:ivan.velasquez@kas.de)

### Omar Velasco Portillo, M.Sc.

M.Sc. in Economics, Georgetown University Email: [orvelasco@umsa.bo](mailto:orvelasco@umsa.bo)

## Additional Information

**Nationality:** Bolivian

**Computing Skills:** Microsoft Office; Visual Studio Code; Stata; Eviews; MATLAB; R; Python; Julia

**Economic Modelling:** BEAR Toolbox; Dynare Toolbox; IRIS Toolbox; Machine Learning.

**Research Tools:** LaTeX, TikZ, BibTeX, Zotero; Connected Papers; Research Rabbit for literature review. **Languages:** Spanish (native); English (advanced reading and writing).