

Alvaro Contreras Mellado

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EDUCATION

- PhD in Economics, Boston University** 2021- Present
- MSc in Economics, London School of Economics and Political Science** 2019 - 2020
Dissertation title: "Banking competition and welfare effects: Demand for deposits estimation for the Peruvian Banking Sector"
- Master's Degree in Economics, Universidad del Pacifico (Peru)** 2014 - 2016
Dissertation title: "Effect of metal price cycles in a DSGE model with time to build for the Peruvian economy".
- Summer School in London School of Economics and Political Science** 2014
Course: EC321 Money and Banking.
- BSc in Economics, Universidad del Pacifico (Peru)** 2010 - 2015
Dissertation title: "Capital flight and reserve requirements: a general equilibrium model for an emerging country".

TEACHING EXPERIENCE

Teacher Assistant - Graduate level at Universidad del Pacifico (Peru)

- Advanced Macroeconomics, Second semester 2018. Topics: *Solow growth model, Neoclassical growth model, Optimal taxation, complete markets, and incomplete markets with recursive contracts.*

Teacher Assistant - Undergraduate level at Universidad del Pacifico (Peru)

- Mathematics III, Second semester 2017. Topics: *Vector spaces, matrix algebra, topics in calculus, differential equations, and difference equations.*
- Principles of Economics I, Second semester 2014, second semester 2015. Topics: *Basic principles on supply and demand, consumer theory, firm theory, market failures (externalities, monopoly and oligopoly) and taxation.*
- Mathematics IV, First semester 2014, First semester 2015. Topics: *Differential equations, dynamic optimization and numerical methods.*
- Macroeconomics I, First semester 2015. Topics: *Household consumption theory, investment theory, government revenue and spending, current account, aggregated supply, basic concepts on growth theory.*
- Microeconomics I, Second semester 2014. Topics: *Consumer theory, firm theory, imperfect markets (monopoly and price discrimination), government intervention and open economy.*

WORKING PAPERS

Contreras A. (2020) "Competition and Welfare in the Peruvian Deposits Market: A Structural demand approach".

Contreras A., & Gutierrez B. (2016), "Effect of metal price cycles: estimation of a general equilibrium model with time to build for the Peruvian economy, 2001-2015". *Thesis for the Master's Degree in Economics*. Universidad del Pacifico. See document in Spanish (English version available on request): <http://hdl.handle.net/11354/1210>

Manrique, G., Contreras A., & Guerrero N. (2016). "Evaluation of the effect of mining canon transfers on educational outcomes: analysis at the level of educational institutions in the regions of Arequipa, Moquegua and Tacna". *Consortio de Investigación Económica y Social*, 1-107. See publication in Spanish: <http://cies.org.pe/es/investigaciones/educacion-medio-ambiente-recursos-naturales-y-energia/transferencias-de-canon-minero>

Contreras A. & Jacob R. (2015), "Capital flight and reserve requirements: a general equilibrium model for an emerging country". *Thesis for the Bachelor of Science Degree in Economics*. Universidad del Pacifico.

AWARDS AND DISTINCTIONS

- Winner in the 2015 Annual Research Contest of the Consortium of Economic and Social Research (CIES) for the research: *Evaluation of the effect of mining canon transfers on educational outcomes in the regions of Arequipa, Moquegua and Tacna*.
- Winner of the 2017 APOYO Group Award of "Vocation of Service", given to the employee which distinguished the most for giving key collaborations within the firm and improving relations with clients.

PROFFESIONAL EXPERIENCE

Ministry of Economics and Finance, Treasury Department, Peru Sep 2020 – Jul 2021
Research Coordinator in the Department of Financial Planning and Strategy

- Prepared research documents related to the portfolio strategy of assets and liabilities of the Treasury.

Area of Economic Research, APOYO Consultoria, Peru Jan 2015 – Jun 2019
Intern (6 months), Analyst (2 years), Senior Analyst (1 year) and Associate (1 year)

- Prepared and performed more than 150 presentations on economic perspectives for the client companies of the firm, which represented almost 50% of total private investment in the country.
- Directed the analysis activities of the investment industries and consumption sectors teams in the firm (5 persons each) which included forecasts, presentations, specialized reports and ad-hoc projects.
- Developed and implemented econometric models for metal and oil price forecasts, which helped to improve overall precision of the firm's Peruvian GDP prediction methodology.
- Estimated and presented 6 econometric demand forecast studies for the top companies of the mining, construction, massive consumption, and oil & gas industries of the Peruvian economy.

Government's Reconstruction Entity for the Damages of El Niño, Peru Aug 2017 - Oct 2017
Analyst of Strategic Planning

- Quantified the ex-ante economic impact in terms of GDP and employment of the US\$7,7 billion infrastructure program to reconstruct the areas damaged by the Coastal El Niño disaster.
- Coordinated the implementation of the program's plan with local authorities and Government branches.

IT SKILLS

Advanced programming: Matlab (including Dynare), Eviews, Stata, Visual Basic, RStudio and Latex.

Advanced knowledge: Excel, Word, PowerPoint, Bloomberg, ArcGIS.

LANGUAGES

Spanish: native speaker.

English: fluent comprehension, reading, speaking and written. Certifications: TOEFL (109/120), CAE, IGCSE, AS and AICE diploma.

French: basic comprehension reading, speaking and written. Certifications: DELF B1 and IGCSE.