

CURRICULUM VITAE

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PERSONAL INFORMATION

Citizenship: Ecuadorian

Marital status: Married, one child (born in 2018)

EDUCATION

Since 10/2016 **Doctoral Candidate in Economics, Chair of Empirical Microeconomics, Otto-Friedrich-Universität Bamberg**, Bamberg, Germany

Dissertation Project: *The Impact of Teachers on Children's Human Capital Accumulation* (Supervisors: Prof. Dr. Guido Heineck, Prof. Dr. Bernd Süßmuth)

Expected defense: December 2021

08/2007 – 05/2009 **Master of Public Policy, McCourt School of Public Policy, Georgetown University**, Washington D.C., US

Semester abroad at **Hertie School of Governance**, 2008, Berlin, Germany

Mater Thesis: *The Influence of Performance Based Incentives on the Quality of the Chilean Education System* (Advisor: Robert Bednarzik, Ph.D.)

09/1999 – 10/2005 **Bachelor of Arts in Economics, School of Economics, Pontifical Catholic University of Ecuador**, Quito, Ecuador

ACADEMIC WORK EXPERIENCE

Since 10/2016 **Otto-Friedrich-Universität Bamberg**, Bamberg, Germany

Researcher at Chair of Empirical Microeconomics (since 10/2019)

Teach courses on:

- Personality Psychology and Economics (Tutor)
- Experimental Program Evaluation in Development Economics
- Stata Advance Course (Econometric Methods for Causal Inference)
- Introduction to the Statistical Software Stata

Doctoral Fellow at Bamberg Graduate School of Social Sciences (BAGSS)

Research fellowship funded by the German Research Foundation (DFG) and the Catholic Academic Exchange Service (KAAD)

01/2014 - 05/2014 **Pontifical Catholic University of Ecuador, School of Economics, Quito, Ecuador**

08/2009 - 12/2009 **Lecturer**

Taught courses on:

- Impact Evaluation Analysis
- Econometrics I

PROFESSIONAL AND POLICY WORK EXPERIENCE

05/2019 **Global Development Network (GDN), New Delhi - India, Washington D.C.-US**

External Scientific and Technical Advisor

Advised “San Francisco de Quito” University (USFQ) in execution of project “*Quality and equity in education: Lessons from the policy of expansion and improvement of the services of Early, Initial and Elementary Education in Ecuador. Impact of teacher quality on learning*”

- Provided inputs and suggestions to ensure feasibility and coherence of project design, activities undertaken and outputs achieved
- Reviewed and provided written comments to USFQ and GDN on project reports submitted by USFQ team
- Provided inputs to GDN for final project evaluation and donor report

01/2016 – 07/2016 **“Escuela Politécnica del Litoral” (ESPOL) University, Guayaquil, Ecuador**

Senior Consultant of Economic Evaluation of Investment Projects

Advised ESPOL in execution of project “*New Methodologies of Financial and Economic Evaluation of Investment Projects*” commissioned by the Development Bank of Ecuador (BDE)

- Reviewed and diagnosed Cost-Benefit Analysis methodologies implemented by BDE to evaluate investment projects of Water and Sanitation, Transport and other public infrastructure
- Researched best international practices of Cost-Benefit Analysis for public investment projects
- Co-authored *Handbook of Financial and Economic Evaluation of Investment Projects* for BDE

01/2014 – 08/2015 **Development Bank of Ecuador (BDE), Quito, Ecuador**

Planning Manager

Head of the Directorates: Planning and Investing, Public Policy and Analysis (Statistics), and Quality Management.

- Developed Annual Investment Plan (USD 500 million a year)
- Published Bank’s Accountability Annual Report
- Published monthly and annual statistical reports
- Developed programs’ assessments and impact analyses
- Coordinated the Quality Management System
- Responsible for 17 employees

- 10/2013 – 12/2013 **Ministry for the Coordination of Knowledge and Human Talent (MCCTH)**, Quito, Ecuador
- Senior Advisor to the Minister*
- Designed and supervised application of representative school survey in Quito to assess the provision of school supplies (meals, textbooks, uniforms) at beginning of 2013-2014 school year
 - Developed quantitative analysis to evaluate the “*Start of the school year in the Metropolitan District of Quito*”
 - Presented main results to Ecuador’s President and Cabinet of Ministers
- 07/2010 – 06/2013 **Ministry of Education of Ecuador**, Quito, Ecuador
- Undersecretary of General Planning* (since 11/2010)
- Head of the Directorates: Technical Planning, Analysis and Information (Statistics), Monitoring and Impact Evaluation, International Relations and Cooperation
- Developed Annual Investment Plant (USD. 400 million a year)
 - Supervised Cost-Benefit Analysis of investment projects
 - Monitored national investment projects
 - Published national education statistics and analysis
 - Aligned international cooperation with national goals and budget
 - Implemented Ministry’s New Management Model
 - Designed New Model for school allocation, presented to Ecuador’s President and Cabinet of Ministers.
 - Planned and executed national teacher and student assessments
 - Responsible for 50 employees
- Director of the Analysis and Information Directorate*
- Managed the national system of information and statistics for education
 - Developed national education statistics and analysis
 - Planned and executed national teacher and student assessments
 - Responsible for 6 employees
- 04/2009 – 06/2010 **Think Tank “Grupo FARO”**, Quito, Ecuador
- Coordinator of the Program “Accompanying the Ten-Year Education Plan from within the Citizenry- EDUCIUDADANÍA” funded by the European Union*
- Implemented a system of indicators for monitoring and evaluating the Ecuadorian Ten-Year Education Plan
 - Wrote and published the Initiative’s Report
 - Managed the Initiative’s budget (EUR. 400 thousand)
 - Responsible for 3 employees
- 02/2009 – 04/2009 **Global Integrity**, Washington D.C., US
- Research Associate*
- Methodological and project management assistance in governance and anti-corruption projects, in particular reviewed fieldwork and data on sub-national governance issues in Peru, Argentina, and Ecuador

- 09/2004 – 07/2007 **Foundation for Social and Environmental Development (FOES)**, Quito, Ecuador
Junior Economist
- Designed the Youth Entrepreneurship Project “Hope”, winner of World Bank’s Development Fair (07/2007)
 - Technical and Financial assistance in the Vocational Training Program for Rural Communities “Rural Challenge” funded by the Swiss Agency for Development and Cooperation (SDC) (01/2005– 07/2007)
 - Evaluated proposals submitted to the Italian-Ecuadorian Fund for foreign debt conversion (05/2006 – 09/2006)
 - Monitored development projects financed with remnant resources from the Ecuadorian-Swiss Counter-Value Fund (09/2004– 12/2004)

PROFESSIONAL TRAINING

- 09/2021 **The Development of Cognitive and Non-Cognitive Skills in Childhood and Adolescence**, Summer School, Interdisciplinary Public Center at JGU Mainz and Collaborative Research Center TR 224 at Universities of Bonn and Mannheim, Online-Germany
- 07/2018 **Field experiments in development economics**, Bavarian Graduate Program in Economics (BGPE), Lichtenfeld, Germany
- 03/2018 **Experimental Methods**, European Consortium for Political Research (ECPR) Winter School 2018, Bamberg, Germany
- 03/2018 **Panel Data Analysis**, ECPR Winter School 2018, Bamberg, Germany
- 10/2017 **Causal Inference in Experiments and Observational Studies with Prof. Donald Rubin**, Bamberg Graduate School of Social Science (BAGSS), Bamberg, Germany
- 10/2017 **Quantile Regression**, Institute for Employment Research (IAB), Nuremberg, Germany
- 10/2017 **Multilevel Structural Equation Modeling**, BAGSS, Bamberg, Germany
- 08/2017 **Public Finance**, BGPE, Parsberg, Germany
- 07/2017 **Economics of Education: Analyzing the Effects of Programmes and Policies**, University of Barcelona, Barcelona, Spain
- 03/2017 **Survey Design and the Online Survey Lifecycle**, ECPR Winter School 2017, Bamberg, Germany
- 02/2017 **Advanced Econometrics with Prof. Jeffrey Wooldridge**, BGPE, Lichtenfeld, Germany
- 02/2017 **Structural Equation Modeling**, Leibniz Institute for Educational Trajectories (LifBi), Bamberg, Germany

CONFERENCES

- 09/2021 **2021 Annual Conference of the Verein für Socialpolitik (German Economic Association)** hosted by University of Regensburg. Paper presentation "Does Test-Based Teacher Recruitment Work in the Developing World? Experimental Evidence from Ecuador." Online –Regensburg, Germany

- 09/2021 **2021 Annual Conference of the European Association of Labour Economists (EALE)** hosted by University of Padua. Paper presentation "Teacher Effects in Germany: Evidence from Elementary School." Online-Padua, Italy
- 09/2021 **7th Potsdam PhD Workshop in Empirical Economics** hosted by University of Potsdam. Paper presentation "Does Test-Based Teacher Recruitment Work in the Developing World? Experimental Evidence from Ecuador." Online – Potsdam, Germany
- 07/2021 **XXIX Meeting of the Economics of Education Association (AEDE)** hosted by University of Zaragoza. Paper presentation "Teacher Effects in Germany: Evidence from Elementary School." Online- Zaragoza, Spain
- 06/2021 **11th International Workshop on Applied Economics of Education.** Paper presentation "Does Test-Based Teacher Recruitment Work in the Developing World? Experimental Evidence from Ecuador." Online – Catanzaro, Italy
- 06/2021 **34th Annual Conference of the European Society for Population Economics (ESPE)** hosted by University of Barcelona School of Economics and Barcelona GSE. Paper presentation "Does Test-Based Teacher Recruitment Work in the Developing World? Experimental Evidence from Ecuador." Online – Barcelona, Spain
- 04/2021 **2021 Annual Conference of the Scottish Economic Society** hosted by University of Glasgow. Paper presentation "Does Test-Based Teacher Recruitment Work in the Developing World? Experimental Evidence from Ecuador." Online –Scotland, UK
- 01/2021 **2021 ASSA Annual Meeting. American Economic Association Poster Session** "Does Test-Based Teacher Recruitment Work in the Developing World? Experimental Evidence from Ecuador." Online – US
- 12/2020 **5th International NEPS Conference** organized by Leibniz Institute for Educational Trajectories (LifBi). Paper presentation "Teacher effects in Germany: Evidence from elementary school." Online – Bamberg, Germany
- 12/2020 **2020 RIDGE Forum: 13th Annual Meeting Impact Evaluation Network** organized by RIDGE-LACEA. Paper presentation "Does Test-Based Teacher Recruitment Work in the Developing World? Experimental Evidence from Ecuador." Online - Montevideo, Uruguay
- 10/2020 **Virtual PhD Workshop on Causal Analyses of School Reforms** organized by ifo Institute and Berlin Social Science Center (WZB). Paper presentation "Does Test-Based Teacher Recruitment Work in the Developing World? Experimental Evidence from Ecuador." Online - Munich, Germany
- 09/2020 **5th IZA Workshop: The Economics of Education.** Paper presentation "Does Test-Based Teacher Recruitment Work in the Developing World? Experimental Evidence from Ecuador." Online - Bonn, Germany
- 11/2019 **Workshop on Field Experiments in Policy Evaluation** organized by Institute for Employment Research (IAB). Paper presentation "Does Test-Based Teacher Recruitment work? Experimental Evidence from Ecuador." Nuremberg, Germany
- 06/2018 **XXVII Meeting of the Economics of Education Association** hosted by University of Barcelona. Paper presentation „Measuring the Effect of Teacher Merit Based Recruitment on Student Achievement, evidence from Ecuador” Barcelona, Spain

- 06/2018 **9th International Workshop on Applied Economics of Education.** Paper presentation „Measuring the Effect of Teacher Merit Based Recruitment on Student Achievement, evidence from Ecuador” Catanzaro, Italy
- 03/2016 **Global Development Network (GDN) Policy Lab on Strengthening the Research Capacity of Relatively Small Countries in Latin America and the Caribbean focus on Education for Development.** Policy actor invited to advise research proposals. Lima, Peru
- 07/2013 **II International Seminar of Decentralized Management of Schools** organized by Peru’s Ministry of Education. Presentation “New Model of Education Management in Ecuador” Lima, Peru
- 10/2012 **Seminar on Information Management for School Improvement** organized by Colombia’s Ministry of Education and EIGE. Presentation “New Model of Education Management in Ecuador” Bogota, Colombia
- 04/2012 **Network of Networks for Impact Evaluation (NONIE) - 2012 Meeting,** organized by the United Nations Evaluation Group (UNEG). Delegate of Ecuador’s Ministry of Education. Rome, Italy
- 11/2011 **UNESCO’s Technical Consultation Meeting “From Primary to Secondary Education: Lessons for Equity and Quality Improvements.”** Delegate of Ecuador’s Ministry of Education. Paris, France
- 10/2010 **Regional Meeting on Indicators for Information and Communication Technology (ICT) in Education,** UNESCO and the Economic Commission for Latin America and the Caribbean (ECLAC). Delegate of Ecuador’s Ministry of Education. Santiago, Chile.

PUBLICATIONS AND WORKING PAPERS

- Araujo P., M. D. and Quis, J.S. (2021) *Parents Can Tell! Evidence on Classroom Quality Differences in German Primary Schools, BERG Working Paper Series.* Bamberg: Bamberg Economic Research Group, Bamberg University. [Link](#)
- Araujo P., M. D., Heineck, G. and Cruz-Aguayo, Y. (2020) *Does Test-Based Teacher Recruitment Work in the Developing World? Experimental Evidence from Ecuador, IZA Discussion Paper Series.* IZA DP No. 13830. Bonn. [Link](#)
- Araujo P., M. D. (2019) *Measuring the Effect of Competitive Teacher Recruitment on Student Achievement: Evidence from Ecuador, BERG Working Paper Series.* No. 150. Bamberg: Bamberg Economic Research Group, Bamberg University. [Link](#)
- Araujo P., M. D. and Bramwell, D. (2015) *Cambios en la política educativa en Ecuador desde el año 2000,* in *Paper commissioned for the EFA Global Monitoring Report 2015, Education for All 2000-2015: achievements and challenges.* Paris: UNESCO. [Link](#)
- Cervantes, R., Araujo P., M. D., Salazar, P., Zambrano, S., Barreno, G. and Zúñiga, M. (2012) *Reordenamiento de la Oferta Educativa.* Quito: Ministerio de Educación del Ecuador. [Link](#)
- Araujo P., M.D. and Salazar P. (2010) *Hacia un Sistema de Observación Ciudadana. Informe de seguimiento al Plan Decenal de Educación 2006-2010.* Quito: Grupo FARO. [Link](#)

- Araujo P., M. D. (2009) *The influence of performance based incentives on the quality of the Chilean education system*, Graduate Theses and Dissertations - Public Policy. Georgetown University. [Link](#)

ACADEMIC SCHOLARSHIPS AND AWARDS

01/2019 – 12/2019	Katholischer Akademischer Ausländer-Dienst (KAAD) , Scholarship for Doctoral Studies, Bonn, Germany
10/2016 – 12/2018	Bamberg Graduate School of Social Sciences (BAGSS) , Doctoral Fellowship, Bamberg, Germany
08/2007 – 05/2009	Inter-American Development Bank , Japan-IDB Scholarship Program Award for Graduate Studies, Washington D.C., US
07/2004 – 10/2005	University of Sherbrooke (UNIRCOOP) and Pontifical Catholic University of Ecuador , Student research scholarship, Quito, Ecuador
10/2001 – 04/2004	Pontifical Catholic University of Ecuador , School of Economics, Student performance scholarships: 1 st Semester 2003-2004, 2 nd Semester 2002-2003, 1 st Semester 2001-2002, Quito, Ecuador

LANGUAGES

Spanish, Native speaker
English, C2 level CEFR
German, B2 level CEFR



November, 2021