

Alberto Jose Ramirez

Personal Information

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Education

Ph.D. in Economics, Universitat Autònoma de Barcelona and Barcelona GSE 2014 – 2018
Supervisor: Joan Lull Cabrera

Research Fields: Applied Microeconomics, Labour Economics, Structural Econometrics, Migration

MSc in Economics, Universitat Autònoma de Barcelona and Barcelona GSE 2012 – 2014
Thesis: *Remittances and Transfer Costs – Evidence from the US Cuban Diaspora*

B.S. in Chemical Engineering (cum laude), University of Florida, USA 2001 – 2007
Thesis: *Hexagonal-Closed Packing Array of Colloids* (National Science Foundation Grant)

Additional Education

Machine Learning Summer School, Barcelona GSE, Barcelona, Spain July 2017
Week 1: Python programming of Neural Nets, (un)Supervised ML, Recommender Systems
Week 2: R programming of Bayesian ML

Dynamic Programming, University of Macedonia, Thessaloniki, Greece July 2016
Estimation of dynamic discrete-choice models, structural estimation, estimation of games

MBA Foundations Business Certificate, University of Wisconsin – Oshkosh, USA 2008 – 2012

German Language Exchange, Bergische Universität Wuppertal, Germany 2005 – 2006

Work Experience

Lead Field Research Assistant, under direction of Professor Dean Yang 2017 –
Project: Behavioural Biases, Remittances, and Migration of Filipino Community in Barcelona
University of Michigan, Ann Arbor, Michigan, USA

- Manage, organize, and communicate resulting data to project lead
- Developed the network contacts with community leaders and remitting agency operators
- Organize focus groups with migrants and community leaders to guide project objectives
- Manage three other field assistants to implement surveys in Barcelona's Filipino migrant community

Consumer and Product Researcher, Consumer Products Division
Georgia – Pacific, LLC., Neenah, Wisconsin, USA

2007 – 2012

- Developed a model that indexes the cost of consumption to the benefit derived from consumer satisfaction as an aid to corporate buyers in assessing product options
- Lead a R&D segmentation of the consumer tissue market to assist developers in generating testable hypotheses of bath tissue design changes against target consumer clusters
- Characterized consumer cross-purchasing behaviour of Costco's Kirkland Signature Paper Towel and Bath Tissue products
- Quantified the consumption of bath tissue by consumers and developed a model linking this to product physical properties
- Generated a model of consumer satisfaction to understand changes due to product design

Patent

Lee, Jeffrey A., Miller, Joseph H., Oriaran, Philips T., Ramirez, Alberto J., Schuh, Brian J., Sumnicht, Daniel W. 2013. High Softness, High Durability Bath Tissues with Temporary Wet Strength. U.S. Patent Application 20130029105, filed 31 of January, 2013 (Pending). <http://bit.ly/2oEAG4G>

Teaching Experience

Microeconomic Theory (Graduate), Quantitative Economic Models Master's Program	2015 – 2016
Econometrics 2 (Graduate), International Doctorate in Economic Analysis	2014
Statistics 2 (Undergraduate), Universitat Autònoma de Barcelona	2014 – 2017

Skills

Programming Languages: Fortran90 (intermediate), C (intermediate – through Cython)
Scripting Languages: Python and Cython (advanced), MATLAB (advanced), R (intermediate)
Query Languages: SQL (intermediate)
Statistical Software: STATA (advanced)

Fellowships and Awards

Personal Investigador en Formació AGAUR, Generalitat de Catalunya, Spain	2015 – 2018
Severo Ochoa Program for Centers of Excellence in R&D Spanish Ministry of Economy & Competitiveness, Spain	2013 – 2015
Congress-Bundestag Youth Exchange (CBYX) Scholarship Department of State, administered by Cultural Vistas, USA	2005 – 2006
National Science Foundation Undergraduate Research Grant National Science Foundation, administered by University of Florida Particle Research Center, USA	2003 – 2004

Languages

Native Languages: English, Spanish
Other Languages: German (Level C1a - Grade: 1.7), French (Beginner)

References

Available upon request