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# Professional Experience

#### International Monetary Fund, Washington, DC, United States

Economist, Fiscal Affairs Department

since 2018

- Contributed to the development of IMF policy recommendations on climate change adaptation
- Led fiscal discussions, incl. on the Covid crisis policy response, in the SBA program for Armenia
- Covered fiscal, social and energy sector issues in ECF program negotiations for Haiti
- Conducted research in collaboration with country authorities and experts, supervised an intern
- Organized an IDB-IMF-SUNAT workshop on Electronic Invoicing and Data Analytics in Lima

Economist, African Department

2016 - 2018

- Covered real, external issues in ECF/EFF program negotiations and monitoring for Côte d'Ivoire
- Met with groups of private investors to present the IMF's perspective on the Ivoirien economy

# Columbia University, New York, NY, United States

Instructor, Teaching Assistant and Research Assistant

2010 - 2015

- Designed content and tests to meet students' needs, presented lectures in International Trade
- Teaching assistant in Macroeconomics (PhD and undergraduate level) and International Trade
- Head of a team of 5 teaching assistants for a class of 120 students

# Société Générale Corporate Investment Banking, London, UK

Intern, Capital Raising and Financing Department

Jan-Aug. 2009

- Identified clients' needs and options to improve the costs and maturity profile of their liabilities
- Determined the price of liability swaps and bonds using trading data and quantitative models

# Banque de France, Paris, France

Intern, Balance of Payments Department

Jun-Dec. 2008

- In-depth comparative study of France export performance relative to other OECD countries
- Leveraged study's results to propose improvements in the forecasts of international trade flows

#### Research

Refereeing: Review of Economics and Statistics, Journal of International Economics, African Development Review

### Papers:

- Climate change adaptation series: Economic principles for integrating adaptation into fiscal policy; Macro-fiscal implications of adaptation; Planning and mainstreaming adaptation in fiscal policy; IMF Staff Climate Notes No. 22/001, 22/002, and 22/003 with E.Massetti 2022
- Digitalization and tax compliance spillovers: evidence from a VAT e-invoicing reform in Peru, IMF Working Paper No. 22/057 with J.Chang, E.Dabla-Norris, S.Khalid, J.C.Paliza and P.Villena 2022
- Fiscal policies to address climate change in Asia and the Pacific: opportunities and challenges, IMF Departmental Paper No. 21/07 with E.Dabla-Norris, J.Daniel, M.Nozaki, C.Alonso, V.Balasundharam, C.Chen, D.Corvino, and J.Kilpatrick 2021
- The role of market structure and timing in determining VAT pass-through, IMF Working Paper No. 21/61 with A.Copestake 2021
- Household consumption volatility and poverty risk: case studies from South Africa and Tanzania, IMF Working Paper No. 20/51 with C.Pizzinelli and R.Perrelli
   2020
- Digitalization to improve tax compliance: evidence from VAT e-invoicing in Peru,
  JPubE forthcoming, IMF Working Paper No. 19/231 and IMF Podcast with J.Chang, E.DablaNorris, S.Khalid, F.Lim, E.Rojas and P.Villena
   2019
- Regional growth spillovers in sub-Saharan Africa, IMF Working Paper No. 19/160 and IMF blog post with F.Arizala, M.Mlachila and M.MacDonald, AFR department award 2018

#### Research

- Trade liberalization and inequality: a dynamic model with worker and firm heterogeneity, working paper, WTO Essay Award.

  2016
- The characteristics of worker flows by firm growth: evidence from a matched firmworker dataset from France, working paper, Wueller Pre-Dissertation Award.
   2016
- Reallocation, industry structure and the effects of banking deregulation working paper with J.Vogel and J.Nosal.

  2016

### Conference Presentations and Awards

IMF Singapore Regional Training Institue Webinar on Fiscal Policies for Climate Change	
Adaptation, Singapour	2021
8th International Workshop on Domestic Revenue Mobilization: "Taxation and	
digitalization", German Development Institute (DIE), Bonn	2019
Gates foundation grant supporting research on VAT electronic invoicing reform in Peru	2018
IMF African department award in recognition for exceptional contributions	2018
USC Dorsnife INET's Conference on Inequality, Globalization, and Macroeconomics,	
University of South California, Los Angeles	2017
5th IMF- World Bank - WTO Trade Research Workshop, Washington	2016
European Trade Study Group, 18th Annual Conference, Helsinki	2016
World Trade Organization Essay Award for Young Economists	2016
Dissertation Fellowship, Department of Economics, Columbia University 2015	- 2016
CREST (the Center for Research in Economics and Statistics) visiting student, Paris $2014$	- 2016
Faculty Fellowship, Department of Economics, Columbia University 2010	- 2015
Chazen Institute of International Business Doctoral Research Grant	2014
Program for Economic Research Grant, Columbia University	2014
Wueller Pre-Dissertation Award for Best Proposal by a 4th-Year Student, runner-up,	
Department of Economics, Columbia University	2014
Wueller Teaching Award, runner-up, Department of Economics, Columbia University	2013

# EDUCATION

# Columbia University, New York, NY, United States

PhD in Economics (specialization in International Trade and Macroeconomics) 2010 - 2016

• Dissertation: "Essays in Economics on Liberalization and Reallocation"

# Paris School of Economics, Paris, France

Master of Science in Economics

2009 - 2010

Master thesis in International Trade: "Unemployment, labor protection and market integration"

Ecole Nationale de la Statistique et de l'Administration Economique, Paris, France Diplôme d'ingénieur (specialization in Econometrics, Finance, Macroeconomics) 2006 – 2010

• Master thesis: "A Macro-Analysis of Economic Development in China: the Dynamics of Regional Inequality" with V. Faubert, M. Lebrand, and G. Zéganadin

Progr.	AMMING	

Stata, R, Matlab, Latex

LANGUAGES

French (native), English (fluent), Spanish (conversational) and German (basic)

ACTIVITIES

Association of Graduate Economics Students, Columbia, *Board member.* 2011-2013 Association of Students, ENSAE, *President*, managed a €100,000 budget. 2007

Volunteering

Associations

Mentoring to help immigrant students achieve their college dream at Carlos Rosario International Charter Public School 2019-2020

Instructor of college prep courses for underprivileged students. 2006-2007

Taught English to elementary students in Thailand. 2007