
JORDI PLANELLES – CORTÉS

QUICK OVERVIEW

I am a young economist with experience in policy making institutions and in the academia.

Currently I am a PhD student at the Université Paris-Saclay and at the Universitat de Barcelona.

Previously I worked as an intern economist at the Spanish Treasury and worked as a research assistant with the economist Xavier Vives.

- 2017-2020 PhD Student at the Université Paris Saclay and at the Universitat de Barcelona
- 2017 Intern Economist at the Spanish Treasury
- 2016-2017 Master in Economics at the Universidad Carlos III de Madrid
- 2014-2016 Research assistant with Professor Xavier Vives
- 2013-2014 Master in Specialized Economic Analysis at the Barcelona Graduate School of Economics
- Computational skills: Matlab programming, simulation of economic models with Dynare, econometric and statistical analysis with R, STATA and Eviews

ACADEMIC AND PROFESSIONAL EXPERIENCE

PHD STUDENT - UNIVERSITÉ PARIS SACLAY AND UNIVERSITAT DE BARCELONA

❖ Main fields of interest:

1. Environmental economics and policy.
2. Analysis and modelization of economic networks.
3. Financial regulation.
4. Macroeconomics.

INTERN ECONOMIST - GENERAL SECRETARY OF THE TREASURY AND FINANCIAL
POLICY OF THE GOVERNMENT OF SPAIN

(February 2017 - July 2017)

❖ Analysis and periodic reporting of :

1. Developments in monetary policy, central bank decisions and in money markets.
2. Developments in financial stability and in the soundness of the financial sector at national and international level.
3. Developments in financial markets, concretely sovereign debt.

❖ Preparation of the reunions in which takes part the General Secretary of the Treasury and Financial Policy (Euro Group meetings, European Central Bank, IMF and other central banks, financial supervisors and regulators, international institutions).

❖ Elaboration of answers to parliamentarian question on this matters.

RESEARCH ASSISTANT WITH PROFESSOR XAVIER VIVES.

(October 2014 - May 2016)

❖ Main project: Xavier Vives (2016). *Competition and Stability in Banking: The Role of Regulation and Competition Policy*. Princeton University Press. See at: <http://press.princeton.edu/titles/10741.html>.

❖ Other tasks performed:

1. Consultancy projects at the Public-Private Sector Research Center from IESE Business School.
2. Simulation of economic models.
3. Study of the regulatory framework of financial markets and EU energy markets.

See professor Vives profile at: <http://www.barcelonagse.eu/people/vives-xavier>.

MAIN RESEARCH PROJECTS

MACROECONOMIC MODELS WITH WELFARE EXTERNALITIES -
UNIVERSIDAD CARLOS III , 2017 (MASTER THESIS)

Qualification: A.

Brief abstract:

One of the main challenges of humanity during the forthcoming decades will be the tensions between the global democratization of high living standards with the minimization of environmental impacts and climate change. The goal of this paper will be to study the welfare implications that arise from two of the most widely taught macroeconomics models in a context dominated by environmental externalities. If infinitely lived households do not internalize the environmental externalities, capital will be above the optimum in equilibrium. The paper also shows that the optimal allocation can be achieved by the implementation of a tax on capital returns. On the other hand in an OLG model, capital in equilibrium can be even below the optimal, as a consequence of lower investment rates. Later, the paper studies the evolution of the different variables after a technology shock and after a shock on the level of environmental efficiency of capital. Finally, the paper includes a little extension that endogenizes the level of environmental efficiency of capital.

A MODEL OF TEMPORARY JOBS AND EMPLOYMENT DYNAMICS
BARCELONA GRADUATE SCHOOL OF ECONOMICS, 2014 (MASTER THESIS)

Qualification: A.

Brief abstract:

This paper analyses the dynamics of employment in a labor market dominated by temporality. The paper presents an extended version of the Mortensen-Pissarides model of search and matching, featuring temporary and permanent contracts, productivity heterogeneity among firms and workers and a business cycle driven by technology shocks. After performing a simulation of the model, the results show that temporary jobs account for a very significant part of employment volatility. Besides, tightening the legal restrictions on its use leads to lower employment volatility. The dynamics of the model match several aspects of the evidence from the Spanish labour market during the last recession.

INFORMATION ASYMMETRIES IN BANKING AND ITS REGULATION
POMPEU FABRA UNIVERSITY, 2012 (CO-AUTHORED, FINAL
UNDERGRADUATE THESIS)

Qualification: honors distinction.

Brief abstract:

This paper analyses the impact of information asymmetries in the banking system. This paper focuses the analysis in the current crisis and presents a simple model of adverse selection and moral hazard issues between banks with different intrinsic risk and depositors, featuring monitoring and deposit insurance.

EDUCATION

MASTER IN ECONOMICS - CARLOS III UNIVERSITY.
MADRID - JUNE 2017

Main fields of study:

Macroeconomics, microeconomics, econometrics, statistics, finance, development economics, mathematics, linear algebra.

MASTER IN SPECIALISED ECONOMIC ANALYSIS: PROGRAM IN MACROECONOMIC
POLICY AND FINANCIAL MARKETS - BARCELONA GRADUATE SCHOOL OF
ECONOMICS
BARCELONA - JULY 2014

Main fields of study:

Economic theory: Macroeconomics (RBC models, overlapping generations, labour markets with frictions...), equilibrium analysis, financial economics, fiscal policy, monetary policy (mainly New Keynesian framework) and regulation of financial markets. Econometrics: linear regression, GMM, maximum likelihood, time series (VAR, FAVAR, ...) , panel data. Computational methods: programming with Matlab and Dynare, solving and simulating dynamic and stochastic models.

See program information at: <http://www.barcelonagse.eu/study/masters-programs/macroeconomic-policy-financial-markets> .

EXCHANGE PROGRAM AT UNIVERSITY OF NEW SOUTH WALES (BACHELOR'S
DEGREE IN ECONOMICS)
JANUARY - JULY 2013

BACHELOR'S DEGREE IN ECONOMICS - UNIVERSITAT POMPEU FABRA
BARCELONA - JULY 2013

Main fields of study:

Macroeconomics, microeconomics, econometrics, statistics, finance, economic history, mathematics, linear algebra and dynamical systems, business and law. 6 months exchange program at **University of New South Wales**, Sydney.(January-July 2013).

See program syllabus at: <http://www.upf.edu/facecon/en/estudis/graus/grau-economia/pla/>.

SOFTWARE SKILLS

- ❖ General software: Windows, OS X, Office and Latex.
- ❖ Statistics and econometrics software: R, Stata and Eviews.
- ❖ Computational software: Matlab, Dynare and Mathematica.

LANGUAGES

Language	Level	Additional information
English	Advanced	TOEFL iBT 104/120. 180 ECTS studied completely in English
Spanish	Native	
Catalan	Native	
