

# CURRICULUM VITAE

ANTONIO JESÚS SÁNCHEZ FUENTES

WWW.AJSANCHEZFUENTES.COM

DATE OF BIRTH: 12 JUNE 1977

---

## CONTACT INFORMATION

Email: ajsanchezfuentes@ucm.es

Instituto Complutense de Estudios Internacionales, ICEI	Dpto. Economía Aplicada, Pública y Política
Universidad Complutense de Madrid	Universidad Complutense de Madrid
Campus de Somosaguas	Campus Somosaguas
Finca Mas Ferré, edificio A	Edificio 6
28223 Pozuelo de Alarcón (Madrid, España)	28223 Pozuelo de Alarcón (Madrid, España)
Teléfono: +34 91 394 2629	Teléfono: +34 91 394 2542
Fax: +34 91 394 2487	Fax: +34 91 394 2431

---

## PROFESSIONAL STATUS

- 09/2017– Academic Coordinator, **Máster Universitario en Economía (U. Complutense de Madrid)**
- 03/2017– Academic Secretary, **Instituto Complutense de Estudios Internacionales (ICEI-UCM)**
- 11/2014– Associate Professor (Contratado Doctor), **U. Complutense de Madrid.**  
Department of Applied, Public & Political Economics.  
*✓ Positive evaluation as "Profesor Titular de Universidad" (ANECA, October 2013)*
- 03/2014– Research Affiliate, **Governance and Economics research Network, U. Vigo (GEN-Uvigo)**
- 

## EDUCATION

- 2008/09 **PhD in Economics, U. Pablo de Olavide.**  
Department of Economics.  
**Project title:** ESSAYS ON PUBLIC SPENDING: A COMPUTATIONAL APPROACH
- **Thesis advisors:** Diego Martínez (U. Pablo de Olavide) and Javier J. Pérez (Bank of Spain)
  - **Thesis Committee:** Antonio Villar (U. Pablo de Olavide) -President-, Ana Lamo (European Central Bank) -Secretary-, Jesús Crespo-Cuaresma (University of Innsbruck), Mathew J. Lindquist (Stockholm University) and Tomas Sjögren (Umea University).
- ✓ With CUM LAUDE and DOCTOR EUROPEUS mentions.*
- 1995/96–1999/00 **MA in Mathematics, U. Sevilla.**  
Specialization: *Numerical Analysis and Partial Differential Equations.*
- 

## GRANTS AND AWARDS

- 2015 **"e-pública" Prize -VII Jornadas de Docencia en Economía-** for work that shows higher quality and relevance in teaching the public sector intervention role in economic activity (Joint with Miriam Hortas-Rico)
- 2014 **Alexandre Pedrós Annual Prize to the best paper published in the Hacienda Pública Española/Review of Public Economics** (Joint with Diego J. Pedregal and Javier J. Pérez)
- 03/2010 **Extraordinary Doctorate Award (U. Pablo de Olavide)**
- 06/2008–09/2008 **Internship, European Central Bank**

---

## PREVIOUS PROFESSIONAL EXPERIENCE

- 09/2017–09/2017 **External consultant, European Commission**
- 06/2017–11/2017 **External consultant, Comunidad de Madrid**  
With the Regional ministry of Economy, Employment and Finance in relation to the reform of the autonomous financing system
- 09/2015–09/2016 **External consultant, Comunidad de Madrid**  
Through the Family Policies Extraordinary Chair of the U. Complutense de Madrid, financed by Acción Familiar.
- 11/2013–04/2014 **External consultant, Spanish Agency for International Development Cooperation (AECID)**
- 05/2013–11/2013 **External consultant, European Commission**
- 10/2010–10/2014 **Ph.D Assistant Professor, U. Complutense de Madrid.**  
Department of Applied Economics VI (Public finance and Fiscal system).
- 07/2010–09/2010 **External consultant, European Central Bank**
- 02/2010–09/2010 **Ph.D Assistant Professor, U. Pablo de Olavide.**  
Department of Economics.
- 06/2008–09/2008 **Intern, European Central Bank**  
Fiscal Policies Division.
- 03/2007–05/2007 **Visiting Ph D student, U. Carlos III de Madrid**  
Department of Economics.
- 09/2006–01/2010 **Assistant Professor, U. Pablo de Olavide.**  
Department of Economics.
- 09/2001–09/2006 **Research Assistant, Fundación Centro de Estudios Andaluces, centra:**  
Department of Economics.

---

## PUBLICATIONS

### ◇ *Work in progress*

- ▶ **Determinants of intergenerational family solidarity during the Great Recession: the Spanish case.** Joint with María Teresa López López (U. Complutense de Madrid & Acción Familiar) and Viviana González Hincapié (Acción Familiar)
- ▶ **Nowcasting private consumption: traditional indicators, uncertainty measures, and the role of internet search query data.** Joint with María Gil (Bank of Spain), Javier J. Pérez (Bank of Spain) and Alberto Urtasun (Bank of Spain)
- ▶ **Forecasting fiscal aggregates in an emerging market economy: the role of macro variables and fiscal plans.** Joint with Javier J. Pérez (Bank of Spain) and Engin Yilmaz (Ministry of Finance, Turkey)
- ▶ **Price discrimination of OTT providers under duopolistic competition and multi-dimensional product differentiation in retail broadband access.** Joint with José Marino García García (Ministerio de ) and Aurelia Valiño Castro (U. Complutense de Madrid)  
**Working paper version:**
  - 2016: **Price discrimination of OTT providers under duopolistic competition and multi-dimensional product differentiation in retail broadband access.** Working Paper No. 1607, Collection A: Public economics, Governance and Decentralization.
- ▶ **Mastering the fiscal crisis: expenditure reform in advanced economies.** Joint with Sebastian Hauptmeier (German Ministry of Finance) and Ludger Schuknecht (German Ministry of Finance)

- ▶ **Finite sample properties of Parameterized Expectations Algorithm solutions; Is the replication length so determinant?**

### ◇ *Citations*

Orcid ID	ResearcherID	Scopus ID	Scholar Google ID	RePEc ID
0000-0002-8018-2830	F-9667-2017	39862076900	MwquaHgAAAAJ	psn18

### ◇ *in refereed journals*

- 2018 **Multi-Factor Effective Corporate Taxation, firms' mark-ups and Tax Incidence: Evidence from OECD Countries**, FISCAL STUDIES, forthcoming. Joint with Salvador Barrios (European Commission, JRC-EC) and Gaetan Nicodème (ULB, CESifo and CEPR)
- Working Paper versions:**
- 2014: **Effective Corporate Taxation, Tax Incidence and Tax Reforms: Evidence from OECD Countries**. Working Paper No. 5017, CESifo.
  - 2014: **Effective Corporate Taxation, Tax Incidence and Tax Reforms: Evidence from OECD Countries**. Discussion Paper No. 10198, Centre for Economic Policy Research (CEPR)
  - 2014: **Effective Corporate Taxation, Tax Incidence and Tax Reforms: Evidence from OECD Countries**. Taxation Paper N<sup>o</sup> 45, European Commission, DG TAXUD.
- 2018 **A quarterly fiscal database fit for macroeconomic analysis**, HACIENDA PÚBLICA ESPAÑOLA/REVIEW OF PUBLIC ECONOMICS, forthcoming. Joint with Francisco de Castro (European Commission), Francisco Martí (Bank of Spain), Antonio Montesinos (Bank of Spain) and Javier J. Pérez (Bank of Spain)
- Working Paper versions:**
- 2014: **Fiscal policies in Spain: main stylised facts revisited**. Working Paper N<sup>o</sup> 1408, Bank of Spain.
- 2017 **How costly are public sector inefficiencies? A theoretical framework for rationalising fiscal consolidations**. ECONOMICS: THE OPEN-ACCESS, OPEN-ASSESSMENT E-JOURNAL, 11 (2017-35), 1–19. Joint with Jorge Onrubia-Fernández (ICEI-UCM & FEDEA & GEN-Uvigo)
- Working Paper versions:**
- 2017: **How costly are public sector inefficiencies? A theoretical framework for rationalising fiscal consolidations**. Discussion Paper N<sup>o</sup> 2017-47. Kiel Institute for the World Economy research Network.
  - 2014: **How costly are the public sector inefficiencies? An integrated framework for its assessment**. Working Paper N<sup>o</sup> 14/07. Universidade de Vigo, GEN - Governance and Economics research Network.
- 2015 **Spending dynamics in euro area countries: composition and determinants**, HACIENDA PÚBLICA ESPAÑOLA/REVIEW OF PUBLIC ECONOMICS, 215 (4), 119-138. Joint with Sebastian Hauptmeier (European Central Bank) and Ludger Schuknecht (German Ministry of Finance)
- 2014 **A Toolkit to Strengthen Government Budget Surveillance**, HACIENDA PÚBLICA ESPAÑOLA/REVIEW OF PUBLIC ECONOMICS, 211 (4), 117-146. Joint with Diego J. Pedregal (U. Castilla-la-Mancha) and Javier J. Pérez (Bank of Spain)
- Working Paper versions:**
- 2014: **A toolkit to strengthen government budget surveillance**. Working Paper N<sup>o</sup> 1416, Bank of Spain.
- 2013 **Institutional determinants of public-private sector wages' linkages**, APPLIED ECONOMICS LETTERS, 20 (12), 1165-1169. Joint with Ana Lamo (European Central Bank) and Javier J. Pérez (Bank of Spain)
- 2011 **The optimal policy in the provision of public inputs. To what extent do technology, taxation and preferences matter?**, JOURNAL OF ECONOMIC POLICY REFORM, 14 (3), 255-267. Joint with Diego Martínez López (U. Pablo de Olavide)
- Working Paper versions:**

- 2010: **How sensitive is the provision of public inputs to specifications?.** Working Paper N<sup>o</sup> 10/04. Universidad Pablo de Olavide, Seville, Spain.
  - 2006: **On the optimal level of public inputs.** Working Paper N<sup>o</sup> 06/34. Universidad Pablo de Olavide, Seville, Spain.
  - 2005: **Optimal Provision of Public Inputs in a Second Best Scenario.** Working paper N<sup>o</sup> 17/05. Institute of Fiscal Studies, Madrid, Spain.
- 2011 **Towards expenditure rules and fiscal sanity in the euro area**, JOURNAL OF POLICY MODELING, 33, 597-617. Joint with Sebastian Hauptmeier (European Central Bank) and Ludger Schuknecht (European Central Bank)
- Working Paper versions:**
- 2010: **Towards expenditure rules and fiscal sanity in the euro area.** Working Paper N<sup>o</sup> 1266, European Central Bank.
- 2011 **Is there a signalling role for public wages? Evidence for the euro area based on macro data**, EMPIRICAL ECONOMICS, 41 (2), 421-445. Joint with Javier J. Pérez (Bank of Spain)
- Working Paper versions:**
- 2010: **Is there a signalling role for public wages? Evidence for the euro area based on macro data.** Working Paper N<sup>o</sup> 1148, European Central Bank.
  - 2009: **Is there a signalling role for public wages? Evidence for the euro area based on macro data.** Working Paper N<sup>o</sup> 0934, Bank of Spain.
- 2011 **Optimization in non-standard problems. An application to the provision of public inputs**, COMPUTATIONAL ECONOMICS, 37 (1), 13-38. Joint with Diego Martínez López (U. Pablo de Olavide)
- Working Paper versions:**
- 2008: **Optimization in non-standard problems. An application to the provision of public inputs.** Working Paper N<sup>o</sup> 08/07. Universidad Pablo de Olavide, Seville, Spain.
  - 2006: **A new approach to solve non-regular constrained optimization problems.** Working Paper N<sup>o</sup> 06/35. Universidad Pablo de Olavide, Seville, Spain.
- 2010 **A note on the optimal level of public inputs**, SOCIAL CHOICE AND WELFARE, 34 (3), 363-369. Joint with Diego Martínez López (U. Pablo de Olavide)
- 2009 **Alternatives to initialize the Parameterized Expectations algorithm**, ECONOMICS LETTERS, 102 (2), 116-118. Joint with Javier J. Pérez (Bank of Spain)
- Working Paper versions:**
- 2005: **Parametrized Expectations Algorithm and the Moving Bounds: a comment on convergence properties.** Working paper E2005/12. Centro de Estudios Andaluces, Sevilla.
- ◇ *in books, conference volumes and other non-peer-reviewed publications*
- 2017 **Disciplina presupuestaria: ¿Qué hemos aprendido de la Gran Recesión?** in *Lecciones para después de una crisis: Estudios en homenaje al Profesor Albi*, , Chapter 2, pp. 35-78. Instituto de Estudios Fiscales. ISBN: 978-84-8008-391-1
- Joint with Carlos Contreras (U. Complutense de Madrid)
- 2016 *Análisis de la situación socioeconómica de las familias en la Comunidad de Madrid en el año 2016*, Comunidad de Madrid. Dirección General de la Familia y el Menor, Madrid.
- Joint with María Teresa López López (U. Complutense de Madrid & Acción Familiar), Daniel Santín-González (U. Complutense de Madrid) and Viviana González Hincapié (Acción Familiar)
- 2015 *Personas mayores y solidaridad intergeneracional en la familia. El caso español*, Colección Acción Familiar. Editorial Cinca, Madrid.
- Joint with María Teresa López López (U. Complutense de Madrid & Acción Familiar) and Viviana González Hincapié (Acción Familiar)

- 2015 **Concertación público-privada en educación no universitaria** in *Economía de la Gestión Pública: Cuestiones fundamentales*, Chapter 7.2, pp. 225-251. Editorial Universitaria Ramón Areces, Madrid.
- 2013 **Crowding-in or Crowding-out? Employment in the Public and the Private Sector in the OECD** in *Wages and Employment: Economics, Structure and Gender Differences*, Chapter 8, pp. 167-182. Nova Publishers, New York.  
Joint with Ana Lamo (European Central Bank) and Javier J. Pérez (Bank of Spain)
- 2012 **Towards expenditure rules and fiscal sanity in the euro area** in *Rules and Institutions for Sound Fiscal Policy after the Crisis*, Chapter 19, pp. 491-512. Banca d'Italia, Rome.  
Joint with Sebastian Hauptmeier (German Ministry of Finance) and Ludger Schuknecht (German Ministry of Finance)
- 2012 **Public expenditure policies during the EMU period: Lessons for the future?** in *The Future of the Euro (Brown Book 2012)*, Chapter 8, pp. 289-341. Circulo de Empresarios, Madrid.  
Joint with Sebastian Hauptmeier (German Ministry of Finance) and Ludger Schuknecht (German Ministry of Finance)
- 2011 **The PEA-toolbox, a Matlab model-independent implementation of the Parameterized Expectations Algorithm** in *Advances in Business and Management. Volume 3*, Chapter 9, pp. 177-196. Nova Publishers, New York  
Joint with Javier J. Pérez (Bank of Spain)
- 2011 **Las Migraciones interiores en Andalucía: Evolución reciente y determinantes** in *Las decisiones económicas a largo plazo en la economía andaluza: emigración, ahorro e inversión*. El campo de las Artes y las Ciencias en Andalucía. Vol. 2, pp. 41-76. Catedra BBVA-DT Sur de Análisis Económico.  
Joint with Manuela Prieto (U. Pablo de Olavide)
- 2010 **Is there a signalling role for public wages? Evidence for the euro area based on macro data**. Column at *VOXEU.org*.  
Joint with Javier J. Pérez (Bank of Spain)  
Link: [www.voxeu.org/index.php?q=node/4786](http://www.voxeu.org/index.php?q=node/4786)
- 2009 **Mercado de trabajo andaluz en 2008: situación cíclica y perspectivas** in *Evolución reciente de la estructura económica y financiera en Andalucía*. El campo de las Artes y las Ciencias en Andalucía. Vol. 1, pág. 55-104. Catedra BBVA-DT Sur de Análisis Económico.  
Joint with Alfonso R. Sánchez (U. Pablo de Olavide) and Virginia Sánchez (U. Cantabria)

### ◇ *in Media*

- 27/11/2011 Interview on radio program "Partiendo de cero" (Onda Cero). Description: To spread the results of the article "Is there a signalling role for public wages? Evidence for the euro area based on macro data".
- 19/11/2011 Interview on radio program "España vende" (Radio Nacional de España). Description: To spread the results of the article "Is there a signalling role for public wages? Evidence for the euro area based on macro data".
- 03/11/2011 Interview on SINC press agency (FECYT). Description: To spread the results of the article "Is there a signalling role for public wages? Evidence for the euro area based on macro data".

---

### PRESENTATION IN INTERNATIONAL CONFERENCES, WORKSHOPS AND SEMINARS

#### ◇ *workshops and seminars*

- 11/2014 **Discussion panel: "knowing how economy works to redirect it: a full history of discovery"**. Science Week, Francisco de Vitoria University, Madrid (Spain), 4 November 2014  
Presentation: *Los economistas, ¿los "hechiceros" de las sociedades modernas?*

- 04/2014      **Workshop "Impacto Macroeconómico de la Explotación Minera a Gran Escala", Montevideo (Uruguay), 22 April 2014**  
 Comments on the project: *Las alternativas de Política fiscal ante el crecimiento del sector minero en Uruguay. Una evaluación en base a un Modelo de Equilibrio General Dinámico*  
 Discussion panel: *Desafíos de la Política fiscal y la explotación de los recursos naturales no renovables*
- 01/2014      **Workshop on Fiscal policy challenges for Southern Europe: public debt sustainability, and the role of institutions, Girona (Spain), 30-31 January 2014**  
 Presentation: *Monitoring Budgetary Plans: On The Need To Move Beyond Legal And Administrative Procedures*
- 03/2012      **14<sup>th</sup> Banca d'Italia Public Finance Workshop, Banca d'Italia. Perugia (Italia), 29-31 March 2012**  
 Presentation: *How costly are the public sector inefficiencies? An integrated framework for its assessment*
- 07/2011      **Seminar, Fiscal Policies Division, European Central Bank. Frankfurt am Main (Germany), 7 July 2011.**  
 Presentation: *How costly are the public sector inefficiencies? An integrated framework for its assessment*
- 11/2010      **Seminar, Department of Applied Economics VI, U. Complutense de Madrid. Madrid (Spain), 3 November 2010.**  
 Presentation: *Towards expenditure rules and fiscal sanity in the euro area*
- 10/2010      **Seminar, Fiscal Policies Division, European Central Bank. Frankfurt am Main (Germany), 15 October 2010.**  
 Presentation: *Towards expenditure rules and fiscal sanity in the euro area*
- 03/2010      **Internal workshop, Department of Economics, U. Pablo de Olavide. Sevilla (Spain), 9 March 2010.**
- 03/2010      **Internal workshop, Department of Economics, U. Pablo de Olavide. Sevilla (Spain), 9 March 2010.**  
 Presentation: *Crowding-in or crowding-out? Employment in the public and the private sector in the OECD*
- 09/2009      **Workshop on "Labour markets frictions, human capital and new technologies: their effects on economic growth. Punta Umbria (Spain), 25-26 September 2009.**  
 Presentation: *Crowding-in or crowding-out? Employment in the public and the private sector in the OECD*
- 01/2009      **Internal workshop, Department of Economics, U. Pablo de Olavide. Sevilla (Spain), 20 January 2009.**  
 Presentation: *Is there a signalling role for public wages? Evidence from Euro Area countries*
- 02/2008      **Seminar, U. Navarra, Pamplona (Spain), 20 February 2008.**  
 Presentation: *On the optimal level of public inputs*
- 03/2006      **Seminar, U. Pablo de Olavide, Sevilla (Spain), 23 March 2006.**  
 Presentation: *Optimal provision of Public Inputs in a Second Best Scenario*

#### ◇ *international conferences*

- 12/2017      **Joint conference CFE-CMStatistics 2017 (10<sup>th</sup> International Conference of the ERCIM WG on Computational and Methodological Statistics and 11<sup>th</sup> International Conference on Computational and Financial Econometrics). London (United Kingdom), 16-18 December 2017**  
 Presentation: *Forecasting fiscal aggregates in an emerging market economy: the role of macro variables and fiscal plans*

- 06/2016      **36<sup>th</sup> Annual International Symposium on Forecasting. Santander (Spain), 19-22 June 2016**  
Presentation: *Forecasting fiscal aggregates in an emerging market economy: the role of macro variables and fiscal plans*
- 08/2015      **71<sup>th</sup> Congress of the International Institute of Public Finance. Dublin (Ireland), 20-23 August 2015.**  
Presentation: *Effective Corporate Taxation, Tax Incidence and Tax Reforms: Evidence from OECD Countries*
- 06/2011      **77<sup>th</sup> International Atlantic Economic Conference. Madrid (Spain), 02-05 April 2014.**  
Presentation: *A toolkit to strengthen government budget surveillance*
- 06/2011      **XXV Congreso Internacional de Economía Aplicada. Santander (Spain), 08-11 June 2011.**  
Presentation: *Towards expenditure rules and fiscal sanity in the euro area*
- 05/2007      **XII<sup>th</sup> Spring Meeting of Young Economists. Hamburg (Germany), 25-27 May 2007.**  
Presentation: *A new approach to solve non-regular constrained optimization problems. An application to optimal provision of public inputs*
- 05/2006      **XI<sup>th</sup> Spring Meeting of Young Economists. Seville (Spain), 26-28 May 2006.**  
Presentation: *Alternatives to initialise the Parameterised Expectations Algorithm*
- 10/2005      **3<sup>rd</sup> International Association for Statistical Computing (IASC) world conference on Computational Statistics and Data Analysis. Limassol (Cyprus), 28-31 October 2005.**  
Presentation: *A new numerical method to solve general equilibrium models. An application to optimal provision of public inputs*
- 08/2004      **60<sup>th</sup> Congress of the International Institute of Public Finance. Milano (Italy), 23-26 August 2004.**  
Presentation: *Optimal provision of Public Inputs in a Second Best Scenario: a numerical simulation*

#### ◇ *National conferences*

- 06/2017      **XVIII Conference on International Economics. La Rábida, Huelva (Spain), 15-16 June, 2017**  
Presentation: *Forecasting fiscal aggregates in an emerging market economy: the role of macro variables and fiscal plans*
- 06/2017      **XX Encuentro de Economía Aplicada. Valencia (Spain), 08-09 June, 2017**  
Presentation: *Nowcasting Private Consumption: Traditional Indicators, Uncertainty Measures, and the Role of Internet Search Query Data*
- 01/2017      **XXIV Encuentro de Economía Pública. Toledo (Spain), 26-27 January 2017**  
Presentation: *Forecasting fiscal aggregates in an emerging market economy: the role of macro variables and fiscal plans*
- 02/2016      **XXIII Encuentro de Economía Pública. Ourense (Spain), 4-5 February 2016**  
Presentation: *Mastering the fiscal crisis: expenditure reform in advanced economies*
- 06/2015      **XVI Conference on International Economics. San Sebastián (Spain), 25-26 June 2015**  
Presentation: *Effective Corporate Taxation, Tax Incidence and Tax Reforms: Evidence from OECD Countries*
- 06/2015      **VII Jornadas de Docencia en Economía. Palma de Mallorca (Spain), 11-12 June 2015**  
Presentation: *Simulando el efecto de los impuestos en el aula*
- 02/2015      **XXII Encuentro de Economía Pública. Santander (Spain), 5-6 February 2015**  
Presentation: *Decomposition and determinants of public expenditure policies: the case of the euro area in the EMU period*

- 06/2014 **XVII Encuentro de Economía Aplicada. Las Palmas de Gran Canaria (Spain), 05-06 June, 2014.**  
Presentation: *Effective Corporate Taxation, Tax Incidence and Tax Reforms: Evidence from OECD Countries*
- 02/2013 **XX Encuentro de Economía Pública. Sevilla (Spain), 31/01-01/02, 2013.**  
Presentation: *Institutional determinants of public-private sector wages' linkages*
- 12/2012 **XXXVII Simposio de Análisis Económico. Vigo (Spain), 13-15 December 2012.**  
Presentation: *How costly are the public sector inefficiencies? An integrated framework for its assessment*
- 06/2012 **XV Encuentro de Economía Aplicada. A Coruña (Spain), 7-8 June 2012.**  
Presentation: *Q-ESFIPDB: A quarterly dataset of Spanish public finance variables fit for economic analysis*
- 01/2012 **XIX Encuentro de Economía Pública. Santiago de Compostela (Spain), 26-27 January 2012.**  
Presentation: *How costly are the public sector inefficiencies? An integrated framework for its assessment*
- 06/2011 **XIV Encuentro de Economía Aplicada. Huelva (Spain), 02-03 June 2011.**  
Presentation: *Towards expenditure rules and fiscal sanity in the euro area*
- 02/2011 **XVIII Encuentro de Economía Pública. Málaga (Spain), 3-4 Febrero 2011.**  
Presentation: *Towards expenditure rules and fiscal sanity in the euro area*
- 02/2010 **XVII Encuentro de Economía Pública. Murcia (Spain), 4-5 February 2010.**  
Presentation: *Crowding-in or crowding-out? Employment in the public and the private sector in the OECD*
- 12/2007 **XXXII Simposio de Análisis Económico. Granada (Spain), 13-15 December 2007.**  
Presentation: *On the optimal level of public inputs*
- 02/2006 **XIII Encuentro de Economía Pública. Almería (Spain), 2-3 February 2006.**  
Presentation: *Optimal provision of Public Inputs in a Second Best Scenario*
- 09/2005 **XI Encontro de Novos Investigadores de Análise Economica, A Coruña (Spain), 30 September–1 October 2005.**  
Presentation: *Optimal provision of Public Inputs in a Second Best Scenario*
- 02/2005 **XII Encuentro de Economía Pública. Palma de Mallorca (Spain), 3-4 February 2005.**  
Presentation: *Optimal provision of Public Inputs in a Second Best Scenario: a numerical simulation*

---

## RESEARCH PROJECTS

- 2017 **Update of the calibration of the CORTAX model**  
Contract: CT-EX2017D308720-101  
Financed by the Joint Research Centre (European Commission)
- 2017 **Asesoramiento y soporte científico-técnico a la Consejería de Economía, Empleo y Hacienda en relación con la reforma del modelo de financiación autonómica**  
Financed by the Comunidad de Madrid
- 2014–2017 **Debt crises, fiscal consolidations and globalisation**  
Code: *SEJ 1512*.  
Financed by Andalusian Government.
- 2013–2016 **Public Economics and Economic Analysis**  
Code: *ECO2012-37572*.  
Financed by the Ministry of Economy and Competitiveness (Spain).



- 2013                    **Effective Green Taxation in the EU**  
Financed by the European Commission.
- 2012–2013            **Constrained short-term fiscal forecasting based on mixed-frequency models. The case of the Spanish economy**  
Financed by the Institute of Fiscal Studies.  
*Research head*
- 2011–2012            **Short-term fiscal forecasting based on mixed-frequency models. The case of the Spanish economy**  
Financed by the Institute of Fiscal Studies.  
*Research head*
- 2007–2011            **V PLAN ANDALUZ DE INVESTIGACIÓN**  
Institution: U. Pablo de Olavide.  
Code: *SEJ 479*.  
Financed by Andalusian Government.
- 2006–2009            **Fiscal and socio labour Policies: its labour market and growth consequences**  
Code: *SEJ2006-04803/ECON*.  
Financed by the Ministry of Science and Technology (Spain).
- 2004–2005            **Optimal provision of public inputs in a second best scenario**  
Financed by the Institute of Fiscal Studies.
- 2003–2005            **Understanding the Dynamics in Firms' Strategies: An Analysis of Supply Functions in the Spanish Electricity Market**  
Financed by the Fundación Ramón Areces.
- 2003–2005            **Public policies within the framework of the European Union: Effects on the labour market and the economic growth**  
Code: *SEC2003-04028*.  
Financed by the Ministry of Science and Technology of Spain (Spain).
- 2003–2005            **IV PLAN ANDALUZ DE INVESTIGACIÓN**  
Institution: Foundation centra:  
Code: *SEJ 433*.  
Financed by Andalusian Government.

## TEACHING INNOVATION

### ◇ *Publications*

- 2017                    **What do undergraduate students expect and/or know ex-ante from Public Economics?: Relevance to learning**, E-PÚBLICA: REVISTA ELECTRÓNICA SOBRE LA ENSEÑANZA DE LA ECONOMÍA PÚBLICA, 17, 1-10. Joint with Jorge Onrubia-Fernández (ICEI-UCM & FEDEA & GEN)
- 2015                    **Simulating the economic effect of taxes in the classroom**, E-PÚBLICA: REVISTA ELECTRÓNICA SOBRE LA ENSEÑANZA DE LA ECONOMÍA PÚBLICA, 17, 1-10. Joint with Miriam Hortas-Rico (U. Autónoma de Madrid & GEN)

◇ **Presentations**

- 01/2017      **XXIV Encuentros de Economía Pública. Toledo (Spain), 26-27 January 2017**  
Presentation: *Una aplicación práctica del uso de medios audiovisuales en la Enseñanza de la economía Pública*
- 06/2016      **VIII Jornadas de Docencia en Economía. Madrid (Spain), 2-3 June 2016**  
Presentation: *¿Qué esperan y/o conocen ex ante los alumnos de Grado sobre la Economía Pública?: relevancia para el aprendizaje*
- 06/2015      **VII Jornadas de Docencia en Economía. Palma de Mallorca (Spain), 11-12 June 2015**  
Presentation: *Simulando el efecto de los impuestos en el aula*

◇ **Projects**

- 2016–2017      **Métodos audiovisuales para la motivación y el aprendizaje de economía y administración Pública II**  
"Innova Docencia" projects, 204.  
Financed by U. Complutense de Madrid.
- 2013–2014      **Métodos audiovisuales para la motivación y el aprendizaje de economía y administración Pública**  
Innovation and improvement in the quality of teaching projects, 77.  
Financed by U. Complutense de Madrid.

## TEACHING EXPERIENCE

◇ *in Postgraduate programmes*▶ **PhD Thesis supervision**

- *Regulación y estrategias para la transformación digital. Eficiencia en la expansión de redes y en la provisión de bienes y servicios digitales, PhD Dissertation, Economics PhD program, Faculty of Economics & Business, U. Complutense de Madrid. Author: José Marino García García.*  
Jointly supervised with Aurelia Valiño Castro (U. Complutense de Madrid)  
Date of defence: 6 November 2017.

▶ **Master Thesis supervision**

- 2016/17: *Análisis de Política de los Incentivos Fiscales en el Sector Industrial de la República Dominicana: El caso de las Zonas Francas, Tesina de Master, Máster Universitario en Economía, U. Complutense de Madrid. Author: Karla Batista Martínez.*
- 2016/17: *Movilidad social, desigualdad y crecimiento económico en España, Tesina de Master, Máster Universitario en Economía, U. Complutense de Madrid. Author: Patricia Blanco Palmero.*
- 2016/17: *Progresividad, redistribución de la renta y bienestar social del IRPF de la República Dominicana: Un análisis empírico para el periodo 2010-2016, Tesina de Master, Máster Universitario en Economía, U. Complutense de Madrid. Author: Victor Alfonso Nolasco Santana.*
- 2016/17: *Sobre la evaluación según las competencias básicas, ¿existe consenso en la comunidad educativa?, Máster En Formación Del Profesorado De Educación Secundaria Obligatoria, Bachillerato, Formación Profesional Y Enseñanzas De Idiomas, U. Complutense de Madrid. Author: Sara Pérez Gómez.*
- 2016/17: *¿Son las clases demasiado largas?, efectos en el proceso de aprendizaje del uso de descansos en mitad de las clases, Máster En Formación Del Profesorado De Educación Secundaria Obligatoria, Bachillerato, Formación Profesional Y Enseñanzas De Idiomas, U. Complutense de Madrid. Author: Mónica Palomares Alonso.*
- 2015/16: *Evaluación de la eficiencia en el sector educativo: el caso de las Comunidades Autónomas españolas en un contexto de crisis, Master Thesis, Máster Universitario en Economía, U. Complutense de Madrid. Author: Miriam Santana Ramírez.*

- 2015/16: *Enfatizando el adjetivo Social de la Economía, Master Thesis*, Máster En Formación Del Profesorado De Educación Secundaria Obligatoria, Bachillerato, Formación Profesional Y Enseñanzas De Idiomas, U. Complutense de Madrid. Author: Mamen Carbajo Bejarano.
- 2015/16: *Evaluación del emprendimiento social como estrategia educativa: más allá de la mera creación de empresas, Master Thesis*, Máster En Formación Del Profesorado De Educación Secundaria Obligatoria, Bachillerato, Formación Profesional Y Enseñanzas De Idiomas, U. Complutense de Madrid. Author: Mónica Delgado González
- 2013/14: *¿Existe el profesor ideal?, En busca del consenso de la comunidad educativa, Master Thesis*, Máster En Formación Del Profesorado De Educación Secundaria Obligatoria, Bachillerato, Formación Profesional Y Enseñanzas De Idiomas, U. Complutense de Madrid. Author: Almudena Muñoz Alfaro
- 2012/13: *El papel del método del caso en la motivación de los alumnos de secundaria: aplicación al estudio de la economía, Master Thesis*, Máster En Formación Del Profesorado De Educación Secundaria Obligatoria, Bachillerato, Formación Profesional Y Enseñanzas De Idiomas, U. Complutense de Madrid. Author: Marta Luquin Iturmendi
- 2012/13: *La Formación Profesional en España: una visión alternativa a las posibles líneas de reforma, Master Thesis*, Máster En Formación Del Profesorado De Educación Secundaria Obligatoria, Bachillerato, Formación Profesional Y Enseñanzas De Idiomas, U. Complutense de Madrid. Author: Luis Fernández Jiménez
- 2011/12: *Educación emocional a través del cine, Master Thesis*, Máster En Formación Del Profesorado De Educación Secundaria Obligatoria, Bachillerato, Formación Profesional Y Enseñanzas De Idiomas, U. Complutense de Madrid. Author: Carmen Comesaña Mota
- 2009/10: *Un análisis comparado sobre la idoneidad del uso del IPI como proxy de la actividad económica y la existencia de un ciclo común para el caso de las regiones españolas. Master Thesis*, II Master in Economics, U. Pablo de Olavide. Author: Francisco Javier Sánchez Godino. Jointly with Javier J. Pérez (Bank of Spain)

► **Specialisation courses**

*Public Sector Monitoring Tools*. Organised by the Uruguayan Fiscal Studies Institute and the Spanish Agency for International Development Cooperation (AECID). (2013/14).

*Corporate taxation*. Máster En Formación Del Profesorado De Educación Secundaria Obligatoria, Bachillerato, Formación Profesional Y Enseñanzas De Idiomas. (2011/12 and 2012/13).

*Econometric Tools for the Analysis of Business cycles*. IV Master in Economics and Welfare Evaluation. (2010/11).

*Introduction to Eviews*. I Master in Economics and Welfare Evaluation (2007/08).

◇ **in undergraduate programmes**

► **Public finance, intermediate courses**

*Economía de la regulación*. Degree in Economics, 4<sup>th</sup> Year (2012/13, 2014/15 and 2015/16)

*Economía de la imposición*. Degree in Economics, 5<sup>th</sup> Year (2012/13)

*Análisis microeconómico de las decisiones Públicas*. Degree in Economics, 5<sup>th</sup> Year (2010/11)

*Economía de la Seguridad Social*. Degree in Economics, 5<sup>th</sup> Year (2010/11)

► **Public finance, introductory courses**

*Fiscalidad*. Double Degree in Economics & Mathematics, 3<sup>th</sup> Year (2016/17)

*Economía Pública*. Degree in Economics, 3<sup>th</sup> Year (2015/16)

*Sistema Fiscal Español*. Degree in Economics and in Business Administration. Year (2011/12, 2013/14, 2014/15, 2015/16 and 2016/17)

*Economía Política y Hacienda Pública*. Law and Business Administration (LD+LADE), 1st Year (2006/07, 2007/08 and 2008/09)

► **Macroeconomics, intermediate courses**

*Macroeconomía*. Degree in Political Science and Public Administration, 3<sup>rd</sup> Year (2009/10)

► **Macroeconomics, introductory courses**

*Economía Política*. Business Administration (DCE), 1<sup>st</sup> Year (2008/09)

► **Microeconomics, intermediate courses**

*Microeconomía*. Degree in Finance and Accounting, 1<sup>st</sup> Year (2009/10)

► **Microeconomics, introductory courses**

*Economía: Introducción*. Business Administration (LADE), 1<sup>st</sup> Year (2006/07, 2007/08 and 2008/09)

## OTHER PROFESSIONAL ACTIVITIES

- Recognition -at a national level- for six years of international-quality research (2006-2011).
- Referee for *International Tax and Public Finance*, *Revista CEPAL*, *Emerging Markets Finance and Trade*, *Theory and Decision*, *Oxford University Press*, *Eastern European Economics*, *Hacienda Pública Española*, *Revista de Economía Aplicada*, *Revista de Estudios Regionales*, *e-publica* and the *FUNCAS Working Paper Series*.
- **2017**: Academic Secretary of the Scientific Committee of the Public Economics Meeting.
- **2008-2009**: Conference Board member of the Spring Meeting of Young Economists (*XIII<sup>th</sup>* and *XIV<sup>th</sup>* editions).
- **05/2007**: Program Committee Co-chair of the *XII<sup>th</sup>* Spring Meeting of Young Economists. Hamburg (Germany), 25-27 May 2007.
- **05/2006**: Local Organizing Committee member of the *XI<sup>th</sup>* Spring Meeting of Young Economists. Seville (Spain), 26-28 May 2006.
- **09/2000–03/2001**: Certificate of Pedagogical Aptitude (C.A.P.)
- **1999/00–2000/01**: Collaborator in the Department of differential equations and numerical analysis

## COMPUTING KNOWLEDGE

### Software:

<b>Mathematical software</b>	MatLab, Maple and Mathematica.
<b>LaTeX</b>	WinEdt, MikTeX, Scientific WorkPlace, Beamer and LatexPix.
<b>Statistical software</b>	Eviews, Gauss, Stata, WinRats and Stat Transfer.
<b>Microsoft Office</b>	Expert level.

### Programming languages:

<b>Fortran 77</b>	From 1997.
<b>Matlab</b>	From 2000.
<b>Visual Basic(.Net)</b>	From 2001 (2004).
<b>Gauss</b>	From 2002.
<b>Stata</b>	From 2002.

**Operating systems:** WINDOWS, OS X, LINUX and UNIX.

---

 LANGUAGE KNOWLEDGE

<b>Spanish</b>	mother tongue
<b>English</b>	high level at written and spoken (Certificate in Advanced English, University of Cambridge, June 2015)

---

## COMPLEMENTARY EDUCATION

◇ *long duration courses*05/2001–10/2001 **Computer Analyst Course**

450 h. Contents: BBDD, SQL, structured analysis and OO (UML), etc.

◇ *Intensive courses*10/2005 **Course Time series for the business cycle empirical analysis**

20 h. Organised by Fundación Centro de Estudios Andaluces.

10/2004–11/2004 **Programming course in Visual Basic.Net**

50 h. Organised by the Centro de Estudios ADAMS inside the program FORINTEL financed by the European Social Funds.

04/2004 **Course Input-Output Analysis with Python (PyIO)**

5 h. Organised by Fundación Centro de Estudios Andaluces.

06/2003 **Course Time Series Analysis with Matlab**

10 h. Organised by Fundación Centro de Estudios Andaluces.

04/2003 **Course Creation of scientific documents: LaTeX's**

12 h. Organised by Fundación Centro de Estudios Andaluces.

02/2003 **Course Modeling in GAMS: An introduction to the general applied equilibrium models**

7 h. Organised by Fundación Centro de Estudios Andaluces.

11/2002 **Course The Multicriteria decision techniques and its application to the management of the natural resources**

9 h. Organised by Fundación Centro de Estudios Andaluces.

11/2002 **Course Advances in Labour Economy**

20 h. Organised by Universidad Internacional Menéndez Pelayo.

10/2002 **Course Bayesian Econometrics**

20 h. Organised by Universidad Internacional Menéndez Pelayo.

09/2002 **Course Time series techniques for the economic cycle analysis**

20 h. Organised by CEMFI.

09/2002 **Course Panel Data Econometrics**

20 h. Organised by CEMFI.

06/2002 **Course Eviews 4.1 and Introduction to the time series**

8 h. Organised by Fundación Centro de Estudios Andaluces.

06/2002 **Course Introduction to the interactive use of Stata 7.0**

12 h. Organised by Fundación Centro de Estudios Andaluces.

04/2002 **Course Quantitative methods for the economic situation analysis**

20 h. Organised by Universidad Internacional Menéndez Pelayo.

- 02/2002      **Course Economic analysis with MATLAB**  
20 h. Organised by Fundación Centro de Estudios Andaluces.
- 06/2001      **Programming introduction course to VISUAL BASIC**  
30 h. Organised by U. Sevilla.
- 03/2001      **Course The education at the beginning of the 21th century**  
50 h. Organised by U. Sevilla.
- 04/2000      **Programming introduction course to MATLAB**  
30 h. Organised by U. Sevilla.