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ACADEMIC QUALIFICATIONS

Ph.D. in Economics, The London School of Economics, University of London, UK (1998)

MSc. in Monetary Economics, Centro de Estudios Monetarios y Financieros (CEMFI), Spain (1993)

Licenciado en Ciencias Económicas, Universidad Complutense de Madrid, Spain. (1991)

ACADEMIC APPOINTMENTS

Since Jan 2008	Associate Professor at Universidad Carlos III de Madrid
Oct 1997/Dec 2007	Assistant Professor at Universidad Carlos III de Madrid
Jan 1997/Sep 1997	Assistant Professor at Universitat Pompeu Fabra, Barcelona.

FIELDS OF INTERESTS

Occupational Segregation and Applied Econometrics.

PUBLICATIONS

“Can We Infer Hospital Quality from Medical Graduates' Residency Choices?” (joint work with Matilde P. Machado and Antonio Romero-Medina), *Journal of the European Economic Association*. Forthcoming.

“Entropy-based Segregation Indices” (joint work with J. Ruiz-Castillo), *Sociological Methodology* 41. (2011)

“Productivity and International Competitiveness in the European Union and the United States” (joint work with V. Eldon Ball (ERS/USDA), Jean-Pierre Butault (INRA), and Carlos San Juan). *Agricultural Economics*, published online 2010.

“The Invariance Properties of the Mutual Information Index of Multigroup Segregation” (joint work with J. Ruiz-Castillo), *Research on Economic Inequality* 17, 33-53. (2009)

“A Nonparametric Decomposition of the Mexican American Average Wage Gap”. *Journal of Applied Econometrics*. 23(4):463-485.(2008)

“Una valoración de la enseñanza superior a partir de los salarios esperados y los salarios sombra de los estudiantes universitarios” (joint work with Alonso-Borrego and Romero-Medina), *Cuadernos Económicos de ICE*, 74: 11-38. (2007)

“An Algorithm to Reduce the Occupational Space in Gender Segregation Studies” (joint work with Neus Herranz and Javier Ruiz-Castillo). *Journal of Applied Econometrics*. **20**: 25-37 (2005).

“External Factors in Emerging Market Recoveries: An Empirical Investigation” (joint work with Georges Siotis). *European Economic Review*. **49**: 683-702 (2005).

“Geographical Specialization in Spanish Agriculture Before and After Integration in the European Union” (joint work with Carlos San Juan). *Regional Science and Urban Economics* **34**(3): 309-320 (2004).

“Gender Segregation by Occupations in the Public and the Private Sector. The Case of Spain” (joint work with Javier Ruiz-Castillo). *Investigaciones Económicas* **28**(3): 399-428 (2004).

“Additively decomposable segregation indexes. The case of gender segregation by occupations and human capital levels in Spain” (joint work with Javier Ruiz-Castillo). *Journal of Economic Inequality* **1**: 147-179 (2003).

Chapters in Books

"Agricultural Competitiveness" (joint with V. Eldon Ball (ERS/USDA), Jean-Pierre Butault (INRA), and Carlos San-Juan), in Ball, V. Eldon; Fanfani, Roberto; Gutierrez, Luciano (Eds.) *The Economic Impact of Public Support to Agriculture, Studies in Productivity and Efficiency*, Vol. 7. 2010.

"Farmers income distribution and subsidies: product discrimination in direct payment policies for continental and mediterranean agriculture" (joint work with Carlos San-Juan), in K. Poppe, K.J. (ed.), *Income issues in Farm Households and the role of the FADN*. LEI. The Hague. 2004. ISBN 90-5242-878-6.

"Product Concentration and Farm Specialization in Spain After Implementation of the Common Agricultural Policy and its Reform" (joint work with Carlos San-Juan), in K. Poppe, K.J. (ed.), *New Roads for Farm Accounting and FADN*. LEI. The Hague. 2004. ISBN 90-5242-878-6.

"The representativeness of the Spanish RICA Survey" (joint work with Carlos San Juan and Jose Eusebio de la Torre) in K. Poppe, Povellato, A. and Krijgsman, K. (eds.), *European Farmers and the Growing of Data*. LEI. The Hague. 2003.

"Efectos en la Oferta de las Regulaciones de Mercados: Un análisis por CCAA de la concentración y segregación productiva" (joint work with Carlos San Juan) in Lamo de Espinosa (ed.) *Visión del futuro de la agricultura española*. MAPA. Madrid. 2002.

"Comportamiento Estratégico en las Admisiones Universitarias: El Caso Español" (joint work with Antonio Romero-Medina) in *Jóvenes Economistas en Andalucía*. Universidad de Málaga y Junta de Andalucía. 2000.

RESEARCH IN PROGRESS

SEGREGATION

"The Onset of Female Labor Market Participation and the Role of Intergenerational Human Capital Transmission" (joint with Matilde P. Machado y Jesús Carro).

"The Statistical Properties of the Mutual Information Index of Multigroup Segregation", (joint work with Javier Ruiz-Castillo). Working Paper No. 09-84 Departamento de Economía, Universidad Carlos III Madrid.

"Isolating Changes in Net Residential Segregation in the U.S. from the Effect of Demographic Factors, 1989-2005", (joint work with Javier Ruiz-Castillo). Working Paper No. 08-62 Departamento de Economía, Universidad Carlos III Madrid.

"Multigroup and Multilevel Residential Segregation: the U.S. Case, 1989-2005", (joint work with Javier Ruiz-Castillo). Working Paper No. 08-61 Departamento de Economía, Universidad Carlos III Madrid.

"A Defense of an Entropy Based Index of Multigroup Segregation", (joint work with Javier Ruiz-Castillo). Working Paper No. 07-76 Departamento de Economía, Universidad Carlos III Madrid.

"The Axiomatic Properties of an Entropy Based Index of Segregation" (joint work with Javier Ruiz-Castillo). Working Paper No. 05-62 Departamento de Economía, Universidad Carlos III Madrid.

"Gender Segregation: From Birth to Occupation" (joint work with Javier Ruiz-Castillo). Working Paper No. 03-36 Departamento de Economía, Universidad Carlos III Madrid.

AGRICULTURE

"A Cointegration Analysis of the Long-Run Supply Response of Spanish Agriculture to the Common Agricultural Policy" (joint work with José A. Mendez, Arizona State University, and Carlos San Juan).

A Farm-Level Study on the Effects of Transport Infrastructure Improvements on Agricultural Output" (with Adelheid Holl).

"Progreso técnico y agricultura comercial: Evolución regional de la PTF durante el proceso de integración y reforma de la PAC" (joint with Carlos San Juan).

OTHER PROJECTS

"Information Gathering in College Choice: A Study Using Spanish Data" (joint work with Antonio Romero-Medina).

"Globalisation in Historical Perspective" (joint work with Georges Siotis).

RESEARCH CONFERENCES

- XXXV Simposio de la Asociación Española de Economía (SAEe), Madrid 2010. “The Onset of Female Labor Market Participation and the Role of Intergenerational Human Capital Transmission” (joint with Matilde P. Machado y Jesús Carro)
- PET10 Annual Conference of the Association of Public Economic Theorists, Istanbul, Turkey, 2010, “The statistical properties of the mutual information index of multi-group segregation” (joint with Javier Ruiz-Castillo)
- XXXIV Simposio de la Asociación Española de Economía (SAEe), Valencia 2009. “The statistical properties of the mutual information index of multi-group segregation” (joint with Javier Ruiz-Castillo)
- New frontiers in the field of segregation measurement and analysis, suiza, 2007, “The statistical properties of the mutual information index of multi-group segregation” (joint with Javier Ruiz-Castillo)
- XXI Jornadas de Economía Industrial, Bilbao, 2005, "Can we measure hospital quality from physicians' choices?" (joint with Matilde Machado and Antonio Romero-Medina)
- 42nd Annual Meeting of the Western Regional Science Association Tucson, USA, 2003, "A Farm-Level Study on the Effects of Transport Infrastructure Improvements on Agricultural Output" (joint with Adelheid Holl)
- 4th IRSA International Conference, Bali, Indonesia, 2002. "A Farm-Level Study on the Effects of Transport Infrastructure Improvements on Agricultural Output" (joint with Adelheid Holl)
- IV Encuentro de Economía Aplicada, Spain, 2001. "Geographical Specialization in Spanish Agriculture Before and After Integration in the EU" (joint with Carlos San-Juan)
- World Congress of the Econometrics Society, Seattle, USA, 2000. "External Factors in Emerging Market Recoveries An Empirical Investigation" (joint with Georges Siotis).
- Latin-American Congress of the Econometrics Society, Cancún, Mexico, 1999. "A Nonparametric Decomposition of the Mexican American Average Wage Gap".
- German Labor Market Conference, Berlin, 1999, Discussant.
- XII Simposio de Moneda y Crédito, Madrid, Spain, 1999, "Retos de la Unión Económica y Monetaria un gigante con pies de barro" (joint with Georges Siotis).

RESEARCH GRANTS, SCHOLARSHIPS AND INTERNSHIPS

Research Grants

- Nov 2007/Nov 2009 “The onset of female labor market participation and the role of intergenerational human capital transmission,” (with Matilde P. Machado and Jesús Carro). Funding Institution: Fundación Ramón Areces.
- Feb 2004/Feb 2006, “Medición de la calidad relativa de hospitales mediante las elecciones de las plazas de médicos internos residentes (MIR)”, (with Matilde P. Machado and Antonio Romero). Funding Institution: Fundación Ramón Areces.
- Jan 2001/Dec 2003, "Modelos dinámicos, regímenes e instituciones. Aplicaciones al mercado de trabajo y organización industrial", (with César Alonso and Berthold Herrendorf) Funding Institution: Spanish Ministry of Education
- Jan 2000/Dec 2004, "Efectos de la liberalización del comercio mundial y de los cambios en la Política Agraria Común" (with Carlos San Juan and Ester Decimavilla) Funding Institution: Spanish Ministry of Agriculture
- Jan 2000/Dec 2003, "Comportamiento estratégico en la preinscripción universitaria en la Comunidad de Madrid" (with María Jesús San-Segundo and Antonio Romero-Medina) Funding Institution: Comunidad de Madrid
- Dec 1997/Dec 1999, “Discriminación salarial y segmentación ocupacional de la mujer en España”, (with Javier Ruiz-Castillo) Funding Institution: Spanish Ministry of Labor.

Scholarships

- Oct 1993/Dec 1996, Postgraduate Studies at London School of Economics. Funding: Bank of Spain
- Sep 1991/Jul 1993, Postgraduate Studies on Monetary Economics at Centro de Estudios Monetarios y Financieros (CEMFI, Madrid). Funding: CEMFI

Internships

- Jul 1992/Aug 1992 Servicio de Estudios. Bank of Spain, Madrid.

OTHER PROFESSIONAL ACTIVITIES

Anonymous Refereeing:

International Economic Review, Review of Economic Studies, Journal of Applied Econometrics, Journal of Economic Inequality, Journal of Economic Geography, Research on Economic Inequality, Eastern Economic Journal, Investigaciones Económicas, Spanish Economic Review, Agencia Nacional de Evaluación y Prospectiva, Instituto Valenciano de Investigaciones Económicas-Documentos de Trabajo Serie AD.

Departmental Services

- *Assistant Director* (Undergraduate Teaching), Department of Economics, UC3M. (2009-)
- Co-Organizer of the Econometrics and Applied Economics Workshop (2006-2009).
- *Informatics Officer* (1999-2001).
- *International Student Program Coordinator* (1997-1999).