

# JESÚS RODRÍGUEZ-LÓPEZ

## CURRICULUM VITAE

### CONTACT INFORMATION

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### CURRENT POSITION

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- Associate Professor. Fundamentos del Análisis Económico, Universidad Pablo de Olavide of Seville.
- Accredited as associate profesor, ANECA. Universidad Pablo de Olavide of Seville.
- Associate researcher, Ivie (The Valencian Institute of Economic Research).

### EDUCATION

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- PhD in Economics, Universidad Pablo de Olavide of Seville (Spain), 2003. (Director: Prof. Dr. Hugo Rodríguez, Dpt. de Economía, UAB). Thesis: "A Theory of Target Zones".
- Master in Economics, Universitat Pompeu Fabra, Barcelona, 1997.
- Degree in Economics, Universidad de Seville, 1992.

## PUBLICATIONS

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### ARTICLES

- Marrero, Á.S., G.A. Marrero, R.M. González and J. Rodríguez-López (2021). «Convergence in road transport CO2 emissions in Europe». *Energy Economics* 99 (julio): 105322.
- Rebollo, Y.F., J. Rodríguez-López and N. Rodríguez (2021). «Penalty-point system, deterrence and road safety: A quasi-experimental analysis». *Journal of Economic Behavior & Organization* 190 (October): 408-433.
- Marrero, G.A., J. Rodríguez-López and R.M. González (2020): "Car usage, CO2 emissions and fuel taxes in Europe". *SERIEs: Journal of the Spanish Economic Association*, 11, pp. 203-241.
- Díaz, A., G.A. Marrero, L.A. Puch and J. Rodríguez-López (2019): "Economic Growth, Energy Intensity and the Energy Mix". *Energy Economics* 81 (June), pp. 1056-1077.
- González, R.M., G.A. Marrero, J. Rodríguez-López and Á.S. Marrero (2019): "Analyzing CO2 emissions from passenger cars in Europe: A dynamic panel data approach". *Energy Policy* 129 (June), pp. 1271-1281.
- Rodríguez-López, J., Y.F. Rebollo and D. Mesa (2019): "Hidden figures behind two-vehicle crashes: An assessment of the risk and external costs of drunk driving in Spain", *Accident Analysis & Prevention*, 127, June, pp. 42-51.
- Hidalgo, M.A., J.M. O'Kean and J. Rodríguez-López (2016): "Labor demand and ICT adoption in Spain", *Telecommunications Policy*, 40(5), May, pp. 450-470.
- Rodríguez-López, J. and M. Solís (2016): "Accounting for Spanish business cycles", *Macroeconomic Dynamics*, 20(3), April, pp. 685-714.
- Rodríguez-López, J., G.A. Marrero, R.M. González-Marrero and T. Leal-Linares (2016): "Road accidents and business cycles in Spain", *Accident Analysis & Prevention*, 96, November, pp. 46-55.
- Rodríguez-López, J. (2014): "Productividad, ciclos e instituciones en España, 1976-2012", *Revista Vasca de Economía (EKONOMIAZ)*, 86, 2.º semestre, pp. 118-153.
- Molinari, B., J. Rodríguez-López and J. L. Torres (2013): "Growth and technological progress in selected Pacific countries", *Japan and the World Economy*, 28, December, pp. 60-71.
- Molinari, B., J. Rodríguez-López and J. L. Torres (2013): "Information and communication technologies over the business cycle", *The B.E. Journal of Macroeconomics*, 13(1), July, pp. 1935-1690.
- Rodríguez-López, J. and J. L. Torres (2013): "Technological sources of productivity growth in Germany, Japan, and the United States", *Macroeconomic Dynamics*, 16(1), February, pp. 133-150.

- Rodríguez-López, J. and M. Solís (2013): "Fluctuaciones y crecimiento económico en España", *Extoikos*, 9, pp. 34-41.
- García-Solanes, J., J. Rodríguez-López and J. Torres (2011): "Demand Shocks and Trade Balance Dynamics", *Open Economies Review*, 22(4), September, pp. 739-766.
- Martínez, D., J. Rodríguez-López and J.L. Torres (2010): "ICT-specific technological change and productivity growth in the US: 1980-2004," *Information Economics and Policy*, 22(2), May, pp. 121-129.
- Rodríguez-López, J. (2010): "2010. Lenta recuperación del mercado de vivienda. Mejoran las ventas", *Ciudad y territorio: Estudios territoriales*, 165-166, pp. 657-675.
- Rodríguez-López, J. and A. Villar (2009): "Nuevas tecnologías, educación y productividad en Andalucía y Extremadura, 1995-2004", *Situación, Series Estudios Regionales - BBVA*, Andalucía, January, pp. 17-28.
- Rodríguez-López, J. and D. Martínez (2009): "New technologies and regional growth: The case of Andalusia", *The Annals of Regional Science*, 43(4), pp. 963-987.
- Rodríguez-López, J., D. Martínez-López and D. Romero-Ávila (2009): "Persistence of inequalities across the Spanish regions," *Papers in Regional Science*, 88(4), November, pp. 841-862.
- Martínez, D., J. Rodríguez-López and J.L. Torres (2008): "The productivity paradox and the new economy: The Spanish case", *Journal of Macroeconomics*, 30(4), December, pp. 1569-1586.
- Rodríguez-López, J. (2008). "Nuevas Tecnologías y crecimiento económico en Andalucía, 1995-2004", *Revista de Actualidad, Fundación Centro de Estudios Andaluces*, 24.
- Rodríguez-López, J. and H. Rodríguez (2007): "The Optimal Degree of Exchange Rate Flexibility: A Target Zone Approach," *Review of International Economics*, 15(4), pp. 803-822.
- Rodríguez-López, J. and J. L. Torres (2007): "Following the yellow brick road to the Euro? The Czech Republic, Hungary and Poland", *Eastern European Economics*, 45(6), November-December, pp. 47-80.
- Rodríguez, H. and J. Rodríguez-López (2006): "How tight should one's hands be tied? Fear of floating and the credibility of exchange rate regimes", *The B.E. Journal of Macroeconomics*, 6(1).
- Rodríguez, H. and J. Rodríguez-López (2004): "La credibilidad del régimen cambiario, el miedo a la flotación y la amplitud óptima de la banda", *Información Comercial Española, ICE: Revista de economía*, 814, pp. 123-130.
- Pérez, J.J., J. Rodríguez-López y C. Usabiaga (2003): "Análisis dinámico de la relación entre ciclo económico ciclo del desempleo: una aplicación regional", *Investigaciones Regionales*, 2, pp. 141-162.

## BOOK CHAPTERS

- Martínez, D., J. Rodríguez-López and J.L. Torres (2010): "Investment specific technological change and the Lisbon Strategy", in: García, J. and H. Marques (ed.): *Perspectives in International Economics: An European Focus*. Lambert Academic Publishing.
- Pomares, I., R. Aguado and J. Rodríguez-López (1997): "Predicción de las actividades de I+D en las empresas innovadoras andaluzas: aplicación de modelos de respuesta cualitativa (logit y probit)" in: *Ponencias y comunicaciones: XI Congreso Nacional, VII Congreso Hispano-Francés*. Lleida, pp. 101-110

## WORKING PAPERS

- Rodríguez-López, J. and M. Solís (2020): «On the Magnitude of the Expenditure Multiplier». Working papers series n.º 20.05. Department of Economics. Universidad Pablo de Olavide.
- Marrero, Á.S., G.A. Marrero, R.M. González y J. Rodríguez-López (2020): «Convergence in road transport CO2 emissions in Europe». Working papers series n.º 20.06. Department of Economics. Universidad Pablo de Olavide.
- Díaz, A., G.A. Marrero, L.A. Puch y J. Rodríguez-López (2019): "Economic Growth, Energy Intensity and the Energy Mix". Working paper. Economics n.º 2019-10. Universidad Carlos III de Madrid.
- Díaz, A., G.A. Marrero, L.A. Puch and J. Rodríguez-López (2018): "A Note on Growth, Energy Intensity and the Energy Mix: A Dynamic Panel Data Analysis", Working papers series, 18.08, Department of Economics. Universidad Pablo de Olavide, June.
- Mesa, D., J. Rodríguez-López and Y.F. Rebollo (2018): "Hidden figures behind two-vehicle crashes: An assessment of the risk and external costs of drunk driving in Spain", Working papers series, WP ECON 18.07, Department of Economics. Universidad Pablo de Olavide.
- Rebollo, Y.F., J. Rodríguez-López y N. Rodríguez (2018): "Penalty-Point System, Deterrence and Road Safety: An Empirical Approach", Working papers series, 2018-12, Department of Economics. Universidad Pablo de Olavide.
- Rodríguez-López, J. and M. Solís (2018): "Defense spending and fiscal multipliers: it's all in the variance", MPRA Paper, 6911, Universität München.
- Rodríguez-López, J., G.A. Marrero, R.M. González-Marrero and T. Leal-Linares (2016): "Road accidents and business cycles in Spain", Working papers series, WP ECON 16.05, Dpto. Economía, Mét. Cuantitativos e Historia Económica.
- Hidalgo, M.A., J. Rodríguez-López and J.M. O'Kean (2015): "Labor demand and ICT adoption in Spain", Working Papers, 15.10, Department of Economics, Universidad Pablo de Olavide.

- Rodríguez-López, J., G.A. Marrero and R.M. González-Marrero (2015): "Dieselization, CO2 emissions and fuel taxes in Europe", Working papers series, WP ECON 15.11, Dpto. Economía, Mét. Cuantitativos e Historia Económica, September.
- Rodríguez-López, J. and M. Solís (2014): "Accounting for Spanish business cycles", Working Papers, WP ECON 14.05, Department of Economics, Universidad Pablo de Olavide.
- Rodríguez-López, J. and M. Solís (2012): "Accounting Spanish business cycles: What can be learned from past recessions?", Working Papers, 12.05, Department of Economics, Universidad Pablo de Olavide, September.
- Bongers, A., J.L. Torres and J. Rodríguez-López (2010): "Caracterización del ciclo económico en Andalucía 1980-2008", Economic Working Papers at Centro de Estudios Andaluces, E2010/08, Centro de Estudios Andaluces.
- Rodríguez\_López, J. (2010): "Growth, fluctuations and technology in the U.S. post-war economy," Working Papers, 10.01, Universidad Pablo de Olavide, Department of Economics.
- Rodríguez-López, J. and J.L. Torres (2009): "Technological sources of productivity growth in Japan, the U.S. and Germany", Working Papers, 09.09, Universidad Pablo de Olavide, Department of Economics.
- Hidalgo, M.A., J. Rodríguez-López and J.M. O'Kean (2008): "Labor Demand and Information Technologies: Evidence for Spain, 1980-2005," Working Papers, 08.12, Universidad Pablo de Olavide, Department of Economics.
- Hidalgo, M.A., J. Rodríguez-López and J.M. O'Kean (2008): "Labor Demand and Information Technologies: Evidence for Spain, 1980-20051", Working Papers, Series 1, 11-15, Centro de Estudios Andaluces.
- Martínez, D., J. Rodríguez-López and J.L. Torres (2008): "ICT-specific technological change and productivity growth in the US 1980-2004" Working Papers, 08.05, Universidad Pablo de Olavide, Department of Economics.
- Martínez, D., J. Rodríguez-López and J.L. Torres (2008): "ICT-specific technological change and productivity growth in the US 1980-2004," Working Papers, 2008-4, Universidad de Málaga, Department of Economic Theory, Málaga Economic Theory Research Center.
- Martínez, D., J. Rodríguez-López and J.L. Torres (2008): "Productivity growth and technological change in Europe and the US" Working Papers, 2008-10, Universidad de Málaga, Department of Economic Theory, Málaga Economic Theory Research Center.
- Martínez, D., J. Rodríguez-López and J.L. Torres (2008): "Productivity growth and technological change in Europe and the U.S.", Working Papers, Series 1, 11-15, Centro de Estudios Andaluces.

- Rodríguez-López, J. and J.L. Torres (2008): "Technological sources of productivity growth in Japan, the U.S. and Germany: What makes the difference?", Working Papers, Series 1, 11-15, Centro de Estudios Andaluces.
- García-Solanes, J., J. Rodríguez-López and J.L. Torres (2007): "Demand shocks and trade balance dynamics," Working Papers, 07-04, Asociación Española de Economía y Finanzas Internacionales.
- García-Solanes, J., J. Rodríguez-López and J.L. Torres (2007): "Demand shocks and trade balance dynamics", Working Papers, 07.10, Universidad Pablo de Olavide, Department of Economics.
- Rodríguez-López, J., D. Martínez and J.L. Torres (2007): "The Productivity Paradox and the New Economy: The Spanish Case", Working Papers, 07.01, Universidad Pablo de Olavide, Department of Economics.
- Rodríguez-López, J. (2006): "The role of new technologies in the economic growth of Andalucía", Working Papers, Series 1, 19, Centro de Estudios Andaluces.
- Rodríguez-López, J. D. Martínez and D. Romero (2006): "Persistence in inequalities across the Spanish regions," Working Papers, 06.07, Universidad Pablo de Olavide, Department of Economics.
- Rodríguez-López, J. and D. Martínez (2006): "New technologies and economic growth: a regional approach. The case of Andalucía," Working Papers, 06.27, Universidad Pablo de Olavide, Department of Economics.
- Rodríguez-López, J. and H. Rodríguez (2006): "How tight should one's hands be tied? Fear of floating and credibility of exchange regimes", Working Papers, 06.03, Universidad Pablo de Olavide, Department of Economics.
- Rodríguez-López, J. and H. Rodríguez (2006): "The optimal degree of exchange rate flexibility: A target zone approach", Working Papers, 06.22, Universidad Pablo de Olavide, Department of Economics.
- Torres, J.L. and J. Rodríguez-López (2006): "Following the yellow brick road? The Euro? The Czech Republic, Hungary and Poland", Working Papers, Series 1, 2, Centro de Estudios Andaluces.
- Rodríguez-López, J. D. Martínez and D. Romero (2005): "Persistence in inequalities across the Spanish regions", Working Papers, Series 1, 11, Centro de Estudios Andaluces.
- Rodríguez-López, J. and H. Rodriguez (2003): "How Tight Should Central Bank's Hands be Tied? Credibility, Volatility and the Optimal Band Width of a Target Zone", Economic Working Papers at Centro de Estudios Andaluces, E2003/24, Centro de Estudios Andaluces.
- Rodríguez-López, J. and H. Rodriguez (2003): "How tight should one's hands be tied? Fear of floating and credibility of exchange rate regimes", UFAE and IAE Working Papers, 593.03, Unitat de Fonaments de l'Anàlisi Econòmica (UAB) e Institut d'Anàlisi Econòmica (CSIC).

- Rodríguez-López, J. and H. Rodríguez (2003): "How tight should one's hands be tied? Fear of floating and credibility of exchange rate regimes", Working Papers, 96, Barcelona Graduate School of Economics.

## PAPERS PRESENTED TO CONGRESSES/INVITED CONFERENCES

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1. Paper: "Efectos disuasorios del permiso por puntos y seguridad de tráfico: Un análisis cuasiexperimental", Universidad de La Laguna (Tenerife), 2 October 2021.
2. Paper: "Capacity utilization and the role of fiscal policy", Universidad Pablo de Olavide de Sevilla, 22 February 2021.
3. ZEW Workshop on the Economics of ICT. Mannheim (Germany), 2-3 July 2008.
4. XXXII Simposio de Análisis Económico. Granada, 13-16 December 2007.
5. X Jornadas de Economía Internacional. Madrid, 20-22 June 2007.
6. V Taller de Macroeconomía Dinámica. Seville, 20-21 October 2006. Centro de Estudios Andaluces.
7. Institute for Prospective Technological Studies, European Commission. Seville, 27 June 2006.
8. CEUS-Workshop "Exchange rate dynamics in Europe". Vallendar (Germany), 1-2 June 2006.
9. XXX Simposio de Análisis Económico. Murcia, 15-17 December 2005.
10. V Workshop in International Economics. Málaga, 25-26 November 2005.
11. IX Jornadas de Economía Internacional. La Laguna, 23-25 June 2005.
12. Pierre Werner Chair Programme Seminar Series at the Robert Schumann Centre for Advanced Studies, European University Institute. Florence (Italy), 25 June 2004.
13. XXVIII Simposio de Análisis Económico, Universidad Pablo de Olavide. Seville, December 2003.
14. 58<sup>th</sup> European Meeting of the Econometric Society, ESEM. Stockholm, August 2003.
15. VIII Jornadas de Economía Internacional. Ciudad Real, June 2003.
16. Workshop on Exchange Rates, Applied Econometric Association. Marsella, March 2003.
17. XXVII Simposio de Análisis Económico. Salamanca, December 2002.
18. Latin American and Caribbean Economic Association (LACEA). Madrid, 12 October 2002.
19. International Symposium on Forecasting. Dublin (Ireland), June 2002.
20. Workshop in Macroeconomics, Universitat Autònoma de Barcelona. 16 April 2002.

21. I Workshop in International Economics. Málaga 22-23 November 2001.

## OTHER COURSES

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1. Recent Advances in Time Series Analysis, centra, Dr. Gabriel Pérez Quirós and Dr. Juan Toro. Seville, October 2005.
2. Bayesian Econometrics, Prof. Dr. Anthony Lancaster (Brown University). Madrid, 16-19 February 2004.
3. Bayesian Econometrics, Prof. Dr. Albert Marcet (UPF), UIMP. Seville, 13-16 October 2002.
4. Recent Advances in Econometrics, UIMP, Prof. Dr. Gabriel Pérez Quirós. Seville, December 2000.
5. The Econometrics of Financial Markets, Prof. Dr. Enrique Sentana, CEMFI Summer School. September 2000.
6. New Perspectives in Monetary Policy, Prof. Dr. Jordi Galí, UPF-CREI Summer School. Barcelona, June 2000.
7. Solution Methods for Nonlinear Stochastic Dynamic Models, Prof. Dr. Albert Marcet, UPF-CREI Summer School. Barcelona, June 2000.
8. The Econometrics of Panel Data, UIMP, Prof. Dr. Manuel Arellano. Seville, November 1999.
9. Macroeconometrics: Vector Autoregressions and Rational Expectations Models, Prof. Albert Marcet Summer School of CEMFI. Madrid, September 1997.

## RESEARCH GRANTS

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- 2021 (February) – 2022 (January): Research project SARS-COV-2 y la enfermedad del COVID-19 (Secretaría General de Universidades, Investigación y Tecnología (Junta de Andalucía). “Nuevas dinámicas del mercado laboral tras el confinamiento en Andalucía: el empleo del futuro post-COVID19 y respuesta a nuevos confinamientos”.
- 2020-2022: Investigación sobre Desarrollo y Desigualdad, Innovación y Medioambiente (i-DEINNOVE). PID2019-107161GB-C33. Spanish Ministry of Science and Technology. PR: Gustavo A. Marrero and Carlos G. Bethencourt (Universidad de La Laguna).
- 2016-2019: Investigación sobre Capital Humano y Desigualdad, y sobre Tecnología y el Medio Ambiente-2. ECO2016-76818-C3-2-P. Gustavo Marrero Díaz (PR), Jesús Rodríguez-López. Ministerio de Ciencia, Innovación y Universidades.
- Contract: El impacto económico de Mercadona en Andalucía en 2016. PR: Joaquín Maudos and Jesús Rodríguez-López. Funding institution: Mercadona. 2017



- Contract 2008/0881, Asesoramiento técnico. Consejería de Economía (Junta de Andalucía) "Modelo de previsión de ingresos tributarios". Principal researcher.
- Proyecto ECOD 1.07/085, "Ensayos sobre Andalucía y la Nueva Economía", Fundación Centro de Estudios Andaluces, 2007. Principal researcher.
- 150333-2005-F1SD ES, "The Role of Information and Communication Technologies in the Economic Growth of the Andalusian region: A Descriptive Approach". Commission of the European Communities, 2006. Principal researcher.
- Proyecto ECOD 1.05/025, "Acumulación de Capital e Innovación en la Evolución del PIB per cápita de Andalucía", Fundación Centro de Estudios Andaluces. Principal researcher.
- La estimación de un VAR Bayesiano para la Economía Andaluza. Instituto de Estadística de Andalucía 2001 y 2002 Principal researcher.
- Desarrollo Humano y Mercado de Trabajo (ECO2010-21706). Principal researcher: Antonio Villar, 2010-2012. Ministerio de Ciencia e Innovación.
- Proyecto de Excelencia del programa de ayudas de investigación de la Junta de Andalucía: Evaluación del Progreso en un mundo cambiante (SEJ-6882/ECON). Principal researcher: Antonio Villar, 2010-2012. Consejería de Economía, Innovación, Ciencia y Empresa.
- Proyecto de Excelencia del programa de ayudas de investigación de la Junta de Andalucía (P07-SEJ-02479): "Progreso Tecnológico Incorporado y Nueva Economía" Principal researcher: José Luis Torres, 2007-2011. Consejería de Economía, Innovación, Ciencia y Empresa.
- Contrato de Investigación PRY163/09 con la Fundación Centro de Estudios Andaluces de la Junta de Andalucía, *Caracterización del Ciclo Económico Andaluz*, Principal researcher: J. L. Torres, 2009-2010.
- Proyecto "The impact of information systems on economic growth", de Microsoft Ibérica S.A. Principal researcher: J. M. O'Kean, 2008.
- Contrato con la Secretaria General Técnica, Consejería de Innovación, Ciencia y Tecnología, Junta de Andalucía, 10.230.18.12, "El Avance de la Sociedad del Conocimiento en Andalucía". Principal researcher: Antonio Villar, 2007-2008.
- Proyecto ECOD 1.04/07, "La Transición al Euro de los Países de la Europa del Este", Fundación Centro de Estudios Andaluces, Principal researcher: J. L. Torres Chacón, 2005.
- Proyecto de Excelencia del programa de la Junta de Andalucía (Consejería de Innovación y Ciencia): "Economía Pública: Políticas Públicas, Desarrollo y Bienestar". Principal researcher: Antonio Villar, 2005-2009.
- Proyecto SEJ2006-04803/ECON Ministerio de Educación, "Efectos de las políticas fiscales y sociolaborales sobre el crecimiento económico y el mercado de trabajo", desde 1/10/2006 a 30/9/2009. Principal researcher: I. García.

- Proyecto SEC2003-04028/ECO, “Políticas Públicas en el Marco de la Unión Europea: Efectos en el Mercado de Trabajo y en el Crecimiento Económico”, Ministerio de Ciencia y Tecnología, 2003-2006. Principal researcher: I. García.
- Análisis Económico Aplicado, Grupo SEJ-246 del Plan Andaluz de Investigación (PAI), Consejería de Educación y Ciencia de la Junta de Andalucía. Principal researcher: Prof. J. M. O’Kean.

## OTHER MERITS

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- Evaluator: Investigaciones Económicas, Emerging Markets Finance and Trade, Empirical Economics, Review of Development Economics, Berkeley Electronic Press Journals of Macroeconomics, Papers in Regional Science, Ivie working papers, centra working papers.
- Assistant professor: Professor Albert Marcet (UPF). Curso *Bayesian Econometrics*. UIMP. Seville, 13-16 October 2002.
- Assistant professor: Professor Antonio Villar (Universidad de Alicante). Curso de doctorado *Microeconomía*. Dpto. Economía y Empresa, Universidad Pablo de Olavide. Seville, February 2000.
- Assistant professor: Professor Albert Marcet. Curso *Time Series Analysis: VAR*. UIMP. Seville, 16-20 November 1998.
- Organizing Committee: *XXVIII Simposio de Análisis Económico*. Seville, 11-13 December 2003.
- Organizer: *The European Regions after the Monetary Union*. Director Dr. Hugo Rodríguez Mendizábal. Cursos de primavera de la UIMP. Seville, 7-8 April 2000.