

# Departament d'Economia Aplicada



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The Universitat Autònoma de Barcelona (UAB) is a generalist campus-based University, hosting 43.000 students. The UAB plays a leading role in scientific research. In 2015, UAB got the EURAXXES recognition from the European Commission with mention for the HR Excellence in Research. **Founded in 1985, the Department of Applied Economics (DEA) is part of this reality. It has a longstanding tradition as a research and teaching institution in Applied Economics.**

*The aim of the activities at the DEA is to patronise, coordinate, and promote teaching and research activities in the area of Applied Economics.*

**Our Department currently comprises around 20 full-time members** whose research interests cover all of the major fields in Applied Economics (Public Economics, Labour Economics, International Economics, Environmental and Resource Economics, Urban and Regional Economics, Transport Economics, Rural Development, Applied Macroeconomics and Applied Microeconomics).

**Our research environment benefits from the presence of a significant number of graduates and post-graduate students** and the technical support of the administrative staff. **The DEA also hosts researchers and visiting students from universities across the world.** In the same manner, the DEA faculty usually spends some time abroad, visiting and researching in well known international institutions (IMF or OECD) and universities (including Boston University, University of Southern California, University of California Berkeley, University of Queensland, Cornell University and Maastricht University, University of Toronto, University College Dublin, Beijing University, London School of Economics, University of York).

Since 2008, the department has adopted a policy for hiring new members of staff from the international job market according to the rules and procedures implemented in the leading departments in Europe. The purpose of this policy is to consolidate several research groups and, in turn, to be a point of reference in the international landscape for research in empirical economics.

**The DEA runs a graduate programme which**

**includes a PhD and three Master programmes** with around 8 new PhD students and 30 MSc students enrolled each year. In 2014, our PhD programme was awarded the status of recognized doctoral program according to the new directives of the Spanish Ministry of Education on postgraduate programs. In 2015, the Master in Applied Research in Economics and Business (MAREB) and the Master in European Integration (MIEE) were awarded with the recognition of International Master's Programme (IMP) by AGAUR (Agency for the Educational Quality). In 2016, MAREB was awarded with the recognition of Excellence by AGAUR and this recognition has been confirmed in 2019.

**The DEA is also very active in leading research projects** that have a strong scientific interest and are valuable for decision makers. These projects usually benefit from the financial support of the local administration (Generalitat de Catalunya, Ajuntament de Barcelona), the national administration (Ministerio de Economía y Competitividad), and other institutions.

**We are currently running two series of seminars:** one series of informal seminars (applied lunch seminars) held by members of the department and another (departmental seminars) led by internationally recognised scholars.

The members of staff of the DEA are responsible for teaching in various schools of the Universitat Autònoma de Barcelona (UAB) in the Bellaterra and Sabadell campus. Their main subject areas are in the fields of International Economics, Public Economics, Spanish Economics, Principles of Economics, Labour Economics and Economic Policy.

Moreover, a few members of the department are also very active as members of scientific committees and help to run events which take place regularly and have an international impact.

Finally, as a member of the UAB Campus of Excellence, the DEA also runs various scientific projects and collaborative research projects with other institutions on the campus. The DEA has scientific partners not only in the other departments of the Faculty of Economics, but also in the Institut d'Anàlisi Econòmica (CSIC) and the Faculty of Sciences.

## *Brief description of the unit's main research objectives*

The research interests of the various members of the DEA cover several aspects of the problems associated with empirical economics and public policies. We can summarise them, in random order, as follows:

### **- Pensions and social public expenditure**

This research line aims at evaluating the long term sustainability of various European retirement systems in an environment in which workers have an increasing degree of mobility. Special emphasis is addressed to microsimulation methods.

### **-Fiscal policies and public goods provision**

This line analyses the consequences of indirect fiscal harmonisation when governments finance the provision of public "global" goods in an international context, above all referring to public spending in education.

### **- Labour economics**

This research line aims to investigate the macroeconomics of the labor market: labor demand, labor supply, wage setting, unemployment. We are also interested in studying the importance of education in human capital formation and in agents' employment perspectives.

### **- Poverty and equality**

We analyse the distribution of income and earnings, with special emphasis on inequality and (multidimensional) poverty. We also contribute to the empirical and theoretical literature on equality of opportunity and intergenerational mobility.

### **- International economics**

We are mostly interested in detecting the effects of integration on the distribution of activities across space and their impact on regional and local economic development. In addition we are active in investigating recent issues associated with the globalization process, above all referring to the Global Supply Chain and the international financial markets.

### **- Political Economics**

Our research interests focus on the economic consequences of corruption, the role of political regimes in economic performance and the importance of media on electoral outcomes

### **- Urban economics**

This research line focuses on several topics: the study of the urban spatial structure, the effects of transportation infrastructure improvements on urban growth, urban sprawl, urban sustainability, city congestion, segregation and inequality at urban level.

### **-Ecological economics and environmental policy**

This research area aims to better understand the relationship between economic activity, institutional action and greenhouse gas emissions and other environmental problems, both at Spanish and international levels.

### **- Rural development and policies**

Our research addresses the problem of the conservation of threatened species in humanised landscapes, as well as the sustainable exploitation of natural resources.

### **- Infrastructure and transport economics**

The objective in this line of research is to analyze the different economic impacts of transport infrastructures. We estimate their role in terms of economic growth, employment and spillover effects, both at national and regional level, using different methodological approaches.

### **- Regulation in service sectors**

This research line considers the design of specific regulation mechanisms in the transportation, electricity and telecommunications sectors, particularly in terms of participation and coordination of different tiers of government. We also focus on the analysis of regulation and competition issues in different markets; regulation in networks industries and Antitrust analysis.

### **- Industrial Organization**

This research line investigates from a theoretical and empirical viewpoint the role of R&D investments in competitive setting, the evaluation of forms of public support to private R&D as well as pricing strategies in final-good markets.

## Research activity:

### *Selected Publications in journals (2016-2019)*

#### *Selected forthcoming*

**Alcántara, V.**, and **Padilla, E.** "Key sectors in greenhouse gas emissions in Spain: an alternative input–output analysis" *Journal of Industrial Ecology*,

Hémet, C., **García-López, M.À.** and Viladecans-Marsal E. "How does transportation shape intrametropolitan growth? An answer from the Regional Express Rail", *Journal of Regional Science*,

**García-López, M.À.** "All roads lead to Rome ... and to sprawl? Evidence from European cities", *Regional Science and Urban Economics*,

**García-López, M.À.**, **Nicolini, R.** and **Roig Sabaté, J.L.** "Segregation and urban spatial structure in Barcelona" *Papers in Regional Science*,

**López-García, M.A.** and Ch. Kotsogiannis "Pareto-Improving Indirect Tax Coordination and Tax Diversity", *Oxford Economic Papers*,

Mahler, D. and **X. Ramos** "Equality of opportunity for four measures of well-being", *Review of Income and Wealth*,

**Matas, A.** and **Asensio, J.** "Employment effects of transport infrastructure", *Encyclopedia of Transportation*, Elsevier,

**Pham, B.T.**, **Sala, H.** and Silva, J. I.: "Growth and real business cycles in Vietnam and the ASEAN-5. Does the trend shock matter?" *Economic Systems*,

**Ramos, X.** and D. Van de gaer (2019), "Is inequality of opportunity robust to the measurement approach?" *Review of Income and Wealth*,

Solé, M. Patxot, C. and **Souto, G.** "Protecting the elderly and children in times of crisis: An Analysis based on National Transfer Accounts", *Journal of Economics of Ageing*.

#### *2019*

Ayllón, S. and **Ramos, X.** "Youth earnings and labour market volatility in Europe", *International Labour Review*, vol. 158(1), pp. 83-113 (2019),

Bande, R., M. Karanassou, and **Sala, H.** (2019): "Employment in Spanish regions: Cost control or growth-enhancing policies?", *The Annals of Regional Science*, vol. 62 (3), pp. 601-635 (2019),

**Castells-Quintana, D.**, Royuela, V. and Theil, F., "Inequality and sustainable development: Insights from the HDI", *Sustainable Development*, vol.27(3), pp. 448-460 (2019),

Hatgioannides, J., Karanassou, M. and **Sala, H.** "Should the Rich be Taxed More? The Fiscal Inequality Coefficient", *Journal of Economic Issues*, vol.53(3), pp. 881-889 (2019),

Gómez, M., **Perdiguerro, J.**, and Sanz, À. "Socioeconomic factors affecting water access in rural areas of low and middle income countries" *WATER*, 11(2), 202, (2019),

Kyriacou, A.P. Muinelo-Gallo L. and **Roca Sagalés, O.** "The efficiency of transport infrastructure investment and the role of government quality: an empirical analysis", *Transport Policy*, vol. 74(1), pp. 93-102 (2019),

## Research activity:

### *Selected Publications in journals (2016-2019)*

Kyriacou, A.P. and **Roca Sagalés, O.** "Local Decentralization and the Quality of Public Services in Europe", *Social Indicators Research*, vol. 145(2), pp. 755-776 (2019),

**López-García, M.A.**, and Del Rey, E., "Optimal Public Policy à la Ramsey in an Endogenous Growth Model", *Journal of Economics*, vol.128, pp. 99-118 (2019),

**López-García, M.A.**, and Del Rey, E., "Public Education, Intergenerational Transfers, and Fertility", *Economics Letters*, vol.179, pp. 78-182 (2019),

**López A.L.** and Vives, X. "Overlapping Ownership, R&D Spillovers, and Antitrust Policy", *Journal of Political Economy*, vol. 127(5), pp. 2394-2437 (2019),

**Muñiz I.** and **García-López, M.A.** and "Urban form and spatial structure as determinants of the ecological footprint of commuting", *Transportation Research Part D: Transport and Environment*, vol.67, pp. 334-350 (2019),

**Muñiz, I.**, and Rojas, C. "Urban form and spatial structure as determinants of per capita greenhouse gas emissions considering possible endogeneity and compensation behaviors" *Environmental Impact Review* 76, 79-87 (2019),

**Perdiguero, J.**, and Borrell, J.R. "Driving competition in local markets with Near-Perfect Substitutes: An Application on the Spanish Retail Gasoline Market" *Empirical Economics*, vol.57(1), pp. 3445-364 (2019),

**Sala, H.** "A Fresh Look at Fiscal Redistribution and Inequality in the US across Electoral Cycles", *Journal of Behavioral and Experimental Economics*, vol. 81, pp. 195-206 (2019).

### *2018*

Abio, G., Patxot, C., Sánchez-Romero, M. and **Souto, G.** "Contribution of Demography to Economic Growth", *SERIEs Journal of Spanish Economic Association*, vol.9, pp. 27-64 (2018),

**Andrés, L.**, and **Padilla, E.** "Driving factors of GHG emissions in the EU transport activity", *Transport Policy*, vol. 61, pp. 60-74 (2018),

Bayona, A. and **López A.L.** "Silent Financial Interests and Product Innovation", *Economics Letters*, vol.170, pp. 109-112 (2018),

**Castells-Quintana, D.** "Beyond Kuznets: inequality and the size of distribution of cities", *Journal of Regional Science*, vol. 58(3), pp. 564-580 (2018),

**Castells-Quintana, D.**, Lopez-Uribe, M. and McDermott, T. "Adaptation to climate change: a review through a development economics lens", *World Development*, vol. 104, pp.183-196. (2018),

**Castells-Quintana, D.**, and Royuela, V. "Spatially blind policies? Analyzing agglomeration economies and EIB funding in European neighboring countries", *Annals of Regional Science*, vol.60(3), pp. 569-589 (2018),

**García-López, M.A.** and Moreno Monroy, A. I. "Income segregation in monocentric and polycentric cities: Does urban form really matter?" *Regional Science and Urban Economics*, vol. 71, pp. 62-79 (2018),

Jiménez, J.L., and **Perdiguero, J.** "Mergers and difference-in-difference estimator: Why firms do not encrease prices?" *European Journal of Law and Economics*, vol. 45, pp. 285-311 (2018),

## Research activity:

### *Selected Publications in journals (2016-2019)*

Kyriacou, A.P. Muínelo-Gallo L. and **Roca Sagalés, O.** "Redistributive Efficiency in 28 Developed Economies", *Journal of European Social Policy*, vol. 28 (4), pp. 370-385 (2018),

**López-García, M.A.**, Del Rey, E., "On the Dynamic Efficiency of Balanced Growth Paths in an Endogenous Growth Setting", *Macroeconomic Dynamics*, vol. 21(8), pp. 1837–1856 (2018),

**Matas, A.**, Raymond, J.L. and Ruíz, A. "Regional Infrastructure investment and efficiency", *Regional Studies*, vol. 52(12), pp. 1684-1694 (2018),

Monfort, M., Ordóñez, J. and **Sala, H.** "Inequality and unemployment patterns in Europe: Does integration lead to (real) convergence?", *Open Economies Review*, vol. 24 (4), pp. 703-724 (2018),

**Muñiz, I.**, and Sánchez, V. "Urban Spatial Form and Structure and Greenhouse-gas Emissions From Commuting in the Metropolitan Zone of Mexico Valley", *Ecological Economics*, vol. 147, pp. 353-364 (2018),

**Sala, H.** and Trivín, P. "The effects of globalization and technology on the elasticity of substitution", *Review of World Economics*, vol. 154 (3), pp. 617-647 (2018),

Hatgioannides, J., Karanassou, M., **Sala, H.**, Karanasos, M.G. and Koutroumpis, P. "The Legacy of a Fractured Eurozone: The Greek Dra(ch)ma", *Geoforum*, vol. 93 (7), pp. 11-21 (2018).

### 2017

Abio, G., Patxot, C., Sanchez-Romero, M. and **Souto, G.** "The Welfare State and Demographic Dividends", *Demographic Research*, vol. 36, p. 1453-1490, (2017),

**Agudelo, S. and Sala, H.** "Wage rigidities in Colombia: Measurement, causes and policy implications", *Journal of Policy Modelling*, vol. 39(3), pp. 547-567 (2017),

**Alcántara, V., Padilla, E.** and Piaggio, M. "NOX emissions and productive structure in Spain: an input-output perspective", *Journal of Cleaner Production*, vol. 141, 420-428, (2017),

Baglioni, S., De Pieri, B., Lulkiewicz, U., **Rosell, J.** and Tallarico, T. "Public Policy Interventions in Surplus Food Recovery in France, Germany, Italy and Spain". In Baglioni, S., Calo, F., Garrone, P., Molteni, M. (Eds.), "Foodsaving in Europe. At the Crossroad of Social Innovation", Springer (2017),

Baranzini, A., van den Bergh, J., Carattini, S., Howarth, R., **Padilla, E.**, Roca, J. (2017) "Carbon pricing in climate policy: Seven reasons, complementary instruments, and political-economy considerations", *WIREs Climate Change*, Vol. 8(4), pp. 1–17, (2017),

**Busom, I.** and Vélez, J. A. "Innovation, public support and productivity in Colombia. A cross-industry comparison", *World Development*, vol. 99, pp. 75-94, (2017),

**Busom, I.**, López Mayán, C. and Panadés, J. "Students' persistent preconceptions and learning economic principles", *Journal of Economic Education*, vol. 48(2), pp.74-92 (2017),

**Castells-Quintana, D.** "Malthus living in a slum: Urban concentration, infrastructure and economic growth", *Journal of Urban Economics*, vol. 98, pp.158-173, (2017),

**Castells-Quintana, D.**, Lopez-Uribe, M. and McDermott, T. "Geography, institutions and development: A review of the long-run impacts of climate change", *Climate and Development*, vol. 9(5), pp. 452-470, (2017),

**Castells-Quintana, D.** and Royuela, V. "Tracking positive and negative effects of inequality on long-run growth", *Empirical Economics*, vol. 53(4), pp. 1349-1378 (2017),

## Research activity:

### *Selected Publications in journals (2016-2019)*

Di Paolo, A., **Matas, A.** and Raymond, J.L. "Job accessibility and job education mismatch in the metropolitan area of Barcelona" *Papers in Regional Science*, vol.96, pp. S91-S113, (2017),

Epifani, I. and **Nicolini, R.** "Modelling population density over time: how spatial distance matters" *Regional Studies*, vol. 51(4), pp. 602-615, (2017),

Fageda, X., Jiménez, J.L., **Perdiguero, J.**, and Marrero, K. "Does de-hubbing affect airline prices and frequencies at touristic routes" *Tourism Management*, Vol. 61, pp. 465-471, (2017),

Fleurbaey, M., Peragine, V. and **Ramos, X.** "Ex post inequality of opportunity comparisons", *Social Choice and Welfare*, Vol. 49, pp. 577-603 (2017),

Gómez-Tello, A. and **Nicolini, R.** "Immigration and productivity: a Spanish tale" *Journal of Productivity Analysis*, vol. 47(2), pp. 167-183, (2017),

**Guerrero, D.**, Franco-Jaramillo, M. and **Rosell, J.** "The lack of alternative income sources: The case of ornamental fishing in the Inirida fluvial confluence, Colombian Amazon" *Agricultural and Resource Economics*, vol.17 (2), pp. 75-97 (2017),

Hémet, C., **García-López, M.A.** and Viladecans-Marsal E. "Next train to the polycentric city: The effect of railroads on subcenter formation", *Regional Science and Urban Economics*, vol. 67, pp. 50-63, (2017),

Kyriacou, A.P., Muinelo-Gallo, L. and **Roca-Sagalés, O.** "Regional Inequalities, Fiscal Decentralization and Government Quality", *Regional Studies*, vol. 51(6), pp. 945-957 (2017),

López-Torres, L., **Nicolini, R.** and Prior, D. "Does strategic interaction affect demand for school places? A conditional efficiency approach", *Regional Science and Urban Economics*, vol. 65, pp. 89-103 (2017),

Lopez-Valcarcel, B.G., Jiménez, J.L., and **Perdiguero, J.** "Danger: *Local corruption is contagious!*" *Journal of Policy Modelling*, vol.39(5), pp. 790-808 (2017).

**Matas, A.**, Raymond, J.L. and Domínguez, A. "Changes in fuel economy: An analysis of the Spanish car market", *Transportation Research Part D: Transport and Environment*, vol.55, pp. 175-201 (2017),

**Nicolini, R. and Roig J.L.** "Gender and culture: do they matter for norms?" *Applied Economics Letters*, vol.24 (19), pp. 1423 -1427 (2017),

Piaggio, M., **Padilla, E.**, Román, C. (2017) "The long-term relationship between CO2 emissions and economic activity in a small open economy: Uruguay 1882-2010", *Energy Economics*, Vol. 65, pp. 271–282, (2017),

Teixidó-Figueras, J., Duro, J.A. and **Padilla, E.** "The causal factors of international inequality in CO2 emissions per capita: A regression-based inequality decomposition analysis", *Environmental and Resource Economics*, Vol. 67, pp. 683–700 (2017).

## 2016

Agnese, P. and **Hromcová, J.** "Low-Skill Offshoring and Welfare Compensation Policies" *Economic Modelling*, 52, 408-426, (2016),

**Agudelo, S.A.** and **Sala, H.** "Wage setting in the Colombian manufacturing industry", *Economics of Transition*, vol. 24 (1), pp. 99-134, (2016),

Bernardo, V., Borrell, J.R. and **Perdiguero, J.** "Fast Charging Stations: Simulating Entry and Location in a Game of Strategic Interaction", *Energy Economics*, Vol. 60, pp. 293-305, (2016),



## Research activity:

### *Selected Publications in journals (2016-2019)*

**Busom, I.**, Corchuelo, B. and Martínez-Ros, E. "Participation inertia in R&D tax incentive and subsidy programs", *Small Business Economics*, vol. 48(1), pp. 153-177, (2016),

Del Rey, E. and **López García, M.A.** "Endogenous Growth and Welfare Effects of Education Subsidies and Intergenerational Transfers", *Economic Modelling*, vol. 52, Part B, pp. 531-539, (2016),

Duro, J.A, Teixidó-Figueras, J. and **Padilla, E.** "Empirics of the international inequality in CO<sub>2</sub> emissions intensity: explanatory factors according to complementary decomposition methodologies", *Environmental and Resources Economics*, vol. 63(1), pp. 57-77, (2016),

Flores-Fillol, R., **García López, M.A.** and **Nicolini, R.** "Organization of Land Surrounding Airports: The Case of the Aerotropolis" *Land Economics*, vol. 92(1), pp. 57-81, (2016),

Ghoshray, A., Ordóñez, J. and **Sala, H.** "Euro, crisis and unemployment: youth patterns; youth policies", *Economic Modelling*, vol. 58, pp. 442-453, (2016),

Heller, W.B., Kyriacou, A.P. and **Roca-Sagalés, O.** "Institutional Checks and Corruption: The Effect of Formal Agenda Access on Governance", *European Journal of Political Research*, vol. 55, pp. 681-701, (2016),

Jadotte, E. and **Ramos, X.** "The effect of Remittances on Labour Supply in the Republic of Haiti", *Journal of Development Studies*, vol. 52(12), pp. 1810-1825, (2016),

Jiménez, J.L., **Perdiguero, J.** and García, C. "Evaluation of subsidies programs to sell green cars: Impact on prices, quantities and efficiency", *Transport Policy*, vol. 47, pp. 105-118, (2016),

**López, A.L.**, Rey, P. "Foreclosing Competition through High Access Charges and Price Discrimination", *The Journal of Industrial Economics*, vol. 64 (3), pp. 436-465, (2016),

López-Rodríguez, I., Hernandez-Tejera, M., **López, A.L.** "Methods for the management of distributed electricity networks using software agents and market mechanisms: A survey", *Electric Power Systems Research*, vol. 136, pp. 362-369, (2016),

Maynou, L., Saez, M., Kyriacou, A., **Bacaria, J.**, "The impact of Structural and Cohesion funds on eurozone convergence (1990-2010)" *Regional Studies*, vol. 50 (7), pp. 1127-1139, (2016),

Poggi, A. and **Nicolini, R.** "Labor market reform and rent sharing: a quasi-experiment experience", *Applied Economics, Perspective and Policy*, vol. 38(4), pp. 618-631, (2016),

**Ramos, X.** and D. Van de gaer "Approaches to Inequality of Opportunity: Principles, Measures, and Evidence" *Journal of Economic Surveys*, vol. 30(5), pp. 855-883, (2016),

Rentería, E., Scandurra, R., **Souto, G.** and Patxot, C. "Intergenerational money and time transfers by gender in Spain: Who are the actual dependants?", *Demographic Research*, vol. 34. pp. 689-704, (2016),

Rentería, E., **Souto, G.**, Mejía-Guevara, I. and Patxot, C. "The impact of education on the demographic dividend", *Population and Development Review*, vol. 42(4), pp. 651-671, (2016),

**Trillas, F.** and Xifré, R. "Institutional reforms to integrate regulation and competition policy: Economic analysis, international perspectives, and the case of the CNMC in Spain", *Utilities Policy*, vol. 40, pp. 75-87, (2016),

## Research activity:

### *Books, book chapters, monographic issues and reports: a selection (2016-2019)*

#### *Books*

**Garcia-López M.A., Nicolini, R and Roig Sabaté, J.L** '*Estructura urbana i segregació: un segle a Barcelona*', n. 3 Col·lecció Recerca – Llegat Pasqual Maragall, (2019)

#### *Book chapters*

Hémet, C., **Garcia-López M. À.** and Viladecans-Marsal, E. "*Les effets du RER sur la localisation et la croissance de l'emploi : une analyse économétrique*", in J.C. Prager (ed.), "*Le Grand Paris Express. Les enjeux économiques et urbains*", Economica, Paris, pp. 253-276 (2019)

**Matas, A., Roig, J.L.** and Ruíz, A. "*Impacto territorial de las infraestructuras de transporte: el caso del AVE*", in García, J. González-Páramo, J.M. and **Matas, A.** (eds.), "*Análisis Empíricos sobre la economía española. Ensayos en homenaje a Josep Lluís Raymond Bara*", Chap. 15, Funcas and Thomson Reuters – Aranzadi, Madrid, (2017),

Ferrer-i-Carbonell, A. and **Ramos, X.** (2018), "*Distaste for inequality? The role of risk aversion*", in *The Economics of Happiness: How the Easterlin Paradox Transformed our Understanding of Wellbeing and Progress*, M. Rojas (Editor) Oxford University Press

#### *Reports*

Comandon, A., Daams, M., **Garcia López, M.A.**, and Veneri, P. (2018) "*Divided cities: Understanding income segregation in OECD Metropolitan Areas, in OECD*" and "*Divided cities: Understanding intra-urban inequalities*", Organization for Economic Co-operation and Development, Paris.

**Matas, A.** (Editor) (2018) "*The Financing of Infrastructure*", IEB Report, 1/2018

#### *Journal monographic issues*

**Nicolini, R.** and **Roig Sabaté, J.L.** (editors) "*Economie régionale et urbaine en Amérique latine: Le rôle de l'informalité dans les processus de développement économique*" monographic issue for *Revue d'Economie Régionale et Urbaine*, Vol 2 (2019) ; Introduction by the editors pp. 197-211; with contributions by

**Castells-Quintana, D.**, "Inégalité urbaine en Amérique latine: un tour d'horizon", pp. 239-257.

**Muñiz, I.**, Sanchez, V. "La décentralisation de la population et de l'emploi entraîne-t-elle une réduction des distances domicile-travail? Le cas de la zone métropolitaine de la Vallée de Mexico 2000-2010", pp. 259-281.



## Research activity:

### DEPARTMENTAL SEMINAR series (edition 2018 (fall) -2019)

	Speaker	Affiliation	Title
04/10/2018	Francesco MOSCONE	Brunel University	"Hospital interdependence in a competitive institutional environment: Evidence from Italy" (with D. Lisi , E. Tosetti, and V. Vinciotti)
13/11/2018	Carolina VILLEGAS SANCHEZ	ESADE	"Foreign Investment and Domestic Productivity: Identifying Knowledge Spillovers and Competition" (with C. Fons Rosen, S. Kalenli-Özcan, B.Sorensen and V. Volosovych)
22/11/2018 (with XREPP)	Jaime ALONSO CARRERA	Universidad de Vigo	"Anatomizing the Mechanics of Structural Change" (with M.J. Freire and X. Raurich)
29/11/2018 (with XREAP)	Antonio CABRALES	University College London	"The Impact of Dual Vocational Education on the Labor Market Insertion of Youth: Evidence from Madrid" (with S. Bentolilla and M. Jansen)
14/03/2019	Stephan HEBLICH	University of Bristol	"East side story: Historical pollution and persistent neighborhood sorting" (with A. Trew and Y. Zylberberg)
21/03/2019	Ruben DURANTE	UPF	"Media Attention and Strategic Timing in Politics: Evidence from US Presidential Executive Orders" (with M. Djourelova)
28/03/2019	Joan MONRAS	UPF	"Structural Transformation, Industrial Specialization, and Endogenous Growth" (with P.Bustos, J.M. Castro and J. Ponticelli)
04/04/2019	Antoine BERTHOUS	Banque de France	"The Dollar Cost of Firm-Level Exports" (with G. Horny and J.S. Mésonnier)
02/05/2019	Jorge DE LA ROCA	University Southern California	"Agglomeration effects and informality: The case of Peru" (with D. Velásquez)
09/05/2019	Christine VALENTE	University of Bristol	"Incentivizing School Attendance in the Presence of Parent-Child Information Frictions" (with D. de Walque)
16/05/2019	Chiara FUMAGALLI	Bocconi University	"Insurance between firms: the role of internal labor market" (with G. Cestone, F. Kramaz and G. Pica)
23/05/2019	Jan STUHLER	Universidad Carlos III Madrid	"Names in Intergenerational Methods: Evidence from Finnish Veterans" (with T. Santavirta and I. Jokipii)
28/05/2019	Philippe GAGNEPAIN	PSE	"Market power and volatility in the airline industry" (with A. Belova and S. Gauthier)
30/05/2019	Rosario CRINÒ	Università Cattolica Sacro Cuore -MI	"Firms and Economic Performance: a View from Trade" (with A. Bonfiglioli and G. Gancia)
04/06/2019	Mónica MARTINEZ BRAVO	CEMFI	"In Vaccines We Trust ? The Effects of the CIA's Vaccine Ruse on Immunization in Pakistan" (with A. Stegmann)
17/10/2019	Humberto LLAVADOR	UPF	"Global Unanimity Agreement on the Carbon Budget" (with J. Roemer)
21/11/2019	Marcos VERA HERNANDEZ	University College London	"Using Two-Part Contracts to Identify Complementarities Across Tasks: An Application to Family Doctors"
28/11/2019	Wolfgang MAENNING	Universität Hamburg	"Low economic productivity growth - lessons from sports"

### Selected invited speakers (events 2016/2019):

Gianmarco I.P. Ottaviano (LSE): Plenary Lecture IV Doctoral Workshop (2016),  
 Peter Buckley (University of Leeds): Opening Lecture MAREB (2016),  
 Gabriel Pérez-Quiros (Banco de España): Plenary Lecture V Doctoral Workshop (2017),  
 Antonio Estache (ECARES; ULB): Opening Lecture MAREB (2017),  
 Jeroen van der Berg (ICREA-ICTA, UAB): Plenary Lecture VI Doctoral Workshop (2018),  
 Arild Asplelund (Norwegian University of Science and Technology): Opening Lecture MAREB (2018),  
 Elisabetta Iossa (Università Roma Tor Vergata): Plenary Lecture VII Doctoral Workshop (2019)  
 Massimo Motta (Università Pompeu Fabra - ICREA): Opening Lecture MAREB (2019)

## Research activity:

### APPLIED LUNCH SEMINAR series

(edition 2018 (fall)-2019)

	Speaker	Affiliation	Title
27/09/2018	Daniel GUERRERO	UAB	"Human capital depreciation: impoverishment of mangrove shellfishing in Tumaco, Colombia"
11/10/2018	Nicolás NAVARRETE	PSE	"Money can buy me life. The Effect of a Basic Pension on Mortality: a Regression Discontinuity Design" (with E. Miglino, G. Navarrete, P. Navarrete)
06/11/2018	Mariona SEGÜ	PSE	"Do short-term rental platforms affect rents? Evidence from Airbnb in Barcelona" (with MA García López, J. Jofre and R. Martínez Mazza)
04/12/2018	Obryan POYSER CALDERÓN	UAB	"Herding behavior in cryptocurrency markets"
13/12/2018	Omar F. ARIAS REINOSO	UAB	"Imperfect competitive structure of the international cocaine market"
28/02/2019	Yusuke ADACHI	Nagoya University	"Why did Highways cause Suburbanization? The Role of Highways Congestion"
07/03/2019	David CASTELLS	UAB	"Climate change, urbanization and conflict: The effects of weather shocks and floods on urban social disorder " (with. Th. McDermott)
11/04/2019	Fabio CERINA	Università di Cagliari	"Spatial Polarization" (with E. Dienesch, A. Moro and M. Rendall)
25/04/2019	Zelda BRUTTI	UB	"Preventing Criminal Minds: Early Education Access And Adult Offending Behavior" (with D. Montolio)
30/04/2019	Bitá SHAGBARD	UAB	"SEPA Regulation and Bank Competition: Discriminatory Pricing vs. Non-Discriminatory Pricing"
10/10/2019	David TERCERO LUCAS	UAB	"On the Relationship between ECB's Non-Standard Monetary Policies and Spanish Banks Profitability"
24/10/2019	Juan PIEDRA PEÑA	UAB	"Spatial dependence in hospital efficiency: a spatial econometric approach for Ecuadorian public hospitals"
05/11/2019	Eunjee KNOW	USC - USA	"Transportation as an Unbundling Technology: High-speed Rail and Migration Decisions of Heterogeneous Households"
14/11/2019	Carles BRASÓ	UAB	"Shanghai and the industrialization of China: the case of Dafeng"
26/11/2019	Kerim ARIN	Zayed U., UAE CAMA, Austr.	"Solving Some Fiscal Policy Puzzles"

## Research activity:

### SUMMER Courses

2019	<p><b>Tools for Policy Evaluation</b> Instructor: Raquel Carrasco (Universidad Carlos III Madrid)</p>
2018	<p><b>Applied Topics in Econometrics with an application to inequality</b> Instructor: Gabriel Montes-Rojas (Universidad de Buenos Aires)</p>
	<p><b>Bayesian Econometrics</b> Instructor: Alessia Paccagnini (University College Dublin)</p>
2017	<p><b>Big Data</b> Instructor: Arieda Muço (Stockholm University)</p>
2016	<p><b>Experimental Economics</b> Instructor: Jordi Brandts (IAE, CSIC)</p>

## Human resources:

### Recent recruiting:

David Castells-Quintana (PhD: Universitat de Barcelona)  
Gabriel Facchini (PhD: EUI)

### Research Fellows:

Federico Demaria (ICTA) (2018)

### Recent placements PhD students from our programme:

Paola Azar Dufrechou (IECON, Udelar)  
Camillo J. Pecha Garzón (Inter-American Development Bank)  
Erkol Narod (Istanbul Bilgi University)  
Kizkitza Biguri (BI Norwegian Business School)  
Daniel Sánchez Serra (OECD, Paris)  
Pedro Trivín-García (Universitat de Girona)  
Alicia Gómez Tello (Universitat de València)  
Jorge A. Domínguez Moreno (Universidad Sergio Arboleda, Bogotá)  
Matías J. Piaggio Talice (Environment for Development, Costa Rica)  
Alessandra Conte (European Commission)

### A few recent visitors hosted in our department:

Leonel Muínelo (Universidad de la República, Uruguay)  
Marco Ferdinando Martorana (Università di Catania)  
Lars Osberg (Dalhousie University, Halifax, Canada)  
Juan González Alegre (Universidad de Málaga)  
Artur Colom (Universitat de València)  
Kerim Arin (Zayed University, UAE and CAMA, Australia)

### Recent research visits abroad by our members:

David Castells-Quintana (SciencesPo - Aix-en-Provence; Universidad de Buenos Aires)  
Rosella Nicolini (UNSW, Sydney; GREThA -CNRS Bordeaux)  
Oriol Roca (Institute of Economic Research, Hitotsubashi University, Tokio)  
Guadalupe Souto (CARE, Universidad de Salford, Manchester, UK)

### Recent Awards and Grants:

Arcadi Oliveras: *Premi Alex Seglers* (2016); *Premi ICIP Constructors de Pau* (2017)  
Miquel-Àngel García-López; Rosella Nicolini; José Luis Roig Sabaté : *Premi Fundació Catalunya Europa. L'legat P. Maragall* (2017)  
Anna Matas Prat : *Premi Joan Sardà Dexeus 2017* (co-editor)  
David Castells-Quintana (2018): Premi Extraordinari Doctorat UB  
Ivan Muñiz (2018): Premi del Col.legi de Medambientòlegs de Catalunya (COAMB) 2018 (co-director)

## Financing research:

### A) Research funds granted on competitive basis

sponsored by *Ministerio de Economía y Competitividad; Ministerio de Ciencia, Innovación y Universidades*:

- **Equity, Poverty and Attitudes** (2017-2019)  
Project head: Xavier Ramos Morilla
- **Calidad institucional, descentralización y políticas públicas** (2017-2019)  
Project heads: Oriol Roca and Hector Sala Lorda
- **Cities for tomorrow: Economic, social and environmental challenges** (2019-2021)  
Project head: Miquel-Àngel Garcia-López
- **Las políticas públicas ante los cambios sociales: Imposición, gasto social e innovación** (2019-2021)  
Project head: Miguel-Ángel López García
- **Regulation and markets: behavioural, innovation and environmental externalities** (2019-2021)  
Project head: Anna Matas Prat
- **Economic analysis of greenhouse gases emissions and the policy against climate change** (2019–2021)  
Project head: Emilio Padilla Rosa

### B) Research groups led by members of the department

supported by *Generalitat de Catalunya (SGR)* (2017–2019)

- Grup de Recerca en Anàlisi Econòmica Aplicada (GEAP) **Funded research group**  
Project head: Anna Matas Prat
- Grup de Recerca en Economia i Polítiques públiques (GEPP)  
Project head: Miguel-Ángel López García

### C) Other research sponsors:

- **Income segregation and urban spatial structure: Evidence from Brazil (2016; 2017)**  
Main Researchers: M.À. García and A.I. Moreno  
Project financed by Corporación Andina de Fomento

Other research sponsors:

- **Divided we live. Understanding intra-urban inequality in OECD countries (2017)**  
Main Researcher: M.À. García  
Project financed by OECD, Paris
- **La xarxa d'autobus de Barcelona: servei de proximitat i instrument de cohesió (2017)**  
Main Researchers: M.À. García, R.Nicolini, J.L. Roig  
Project financed by Ajuntament de Barcelona
- **La eficiencia de la inversión en infraestructuras y el rol de las instituciones: Un análisis empírico (2017)**  
Main Researcher: O. Roca-Sagalés  
Project financed by: Instituto de Estudios Fiscales, Ministerio de Economía y Hacienda
- **Welfare, Wellbeing and Demographic Change: Understanding Welfare Models (WELTRANSIM) (2017)**  
Main Researcher: G.Souto  
Project financed by APCIN; Retos de la Sociedad More Years, Better Lifes
- **Estat actual del sistema de pensions a Catalunya: Una anàlisi en comparació amb Espanya i altres països europeus (2017)**  
Main Researcher: G.Souto  
Project financed by Conselleria de Treball, Afers Socials i Família de la Generalitat de Catalunya
- **Airbnb i els seus efectes sobre els preus de l'habitatge (2018)**  
Main Researcher: M.À. García López  
Project financed by Ajuntament de Barcelona
- **Inversión extranjera y políticas públicas para el fomento del emprendimiento femenino (2018-2019).**  
Main Researcher: R.Nicolini  
Project financed by: Instituto de Estudios Fiscales, Ministerio de Economía y Hacienda
- **Autogovern, contractació pública i qualitat de govern: Una anàlisi empírica als països de la UE (2018-2019)**  
Main Researcher: O. Roca-Sagalés  
Project financed by: Institut d'Estudis de l'Autogovern, Generalitat de Catalunya
- **Transferencias intergeneracionales y envejecimiento en España, un análisis desde 1970 hasta la actualidad (2018-2020)**  
Main Researcher: G.Souto  
Project financed by Fundación General de la Universidad de Salamanca y FEDER
- **Propuesta de cálculo de costes de un complemento de cuotas a la Seguridad Social: Un análisis de microsimulación (2018)**  
Main Researcher: G.Souto  
Project financed by Gobierno de Navarra
- **Vivienda y política pública: objetivos e instrumentos (2019)**  
Main Researcher: M.À. López García  
Project financed by FEDEA
- **Evaluation of the transport infrastructure in Spain and development of a methodology to assess the cost and benefits of transport infrastructure investment (2019)**  
Main Researchers: J. Asensio - A. Matas  
Project financed by AIREF - European Commission

## Conferences and workshops chaired by members of the department or sponsored by the department (2016- ):

January 2016

### **IV EQUALITAS Workshop**

Web: <http://www.equalitas.es/en/workshops>

Local organizer: Xavier Ramos

January 2016

### **II Meeting on Transport Economics and Infrastructure**

Web: <http://www.ieb.ub.edu/es/vmchk/infraestructuras-y-transporte/2nd-meeting-on-transport-economics-and-infrastructure#.WByZOIWcHIU>

Local organizers: Javier Asensio, Anna Matas

June 2016

### **IV Doctoral Workshop**

Web: <http://pagines.uab.cat/applieconomics/>

Local organizer: Emilio Padilla

February 2016

### **VI Workshop on Transport Economics**

Web: <http://www.fedea.net/agenda-vi-workshop-de-economia-del-transporte/#>

Organizers: Javier Asensio, Anna Matas

June 2016

### **II Taller de Política Económica. Hacia una política económica europea**

Local organizer: Ferran Brunet

December 2016

### **V Equalitas Workshop on Poverty, Inequality and Opportunity**

Web: <http://www.equalitas.es/en/workshops>

Local organizer: Xavier Ramos

February 2017

### **VII Workshop on Transport Economics (IEB & FEDEA)**

Web: <http://www.ieb.ub.edu/en/vmchk/events-by-category/vii-workshop-on-transport-economics>

Local organizers: Javier Asensio, Anna Matas

May 2017

### **1<sup>st</sup> CESC**

First meeting of the Catalan Economic Society (Institut d'Estudis Catalans)

Web: <http://cesc.espais.iec.cat/en/>

Member of the organizing committee: Xavier Ramos

June 2017

### **Annual conference and School on Transportation Economics (ITEA)**

Web: <http://www.itea2017bcn.org/>

Organizers: Javier Asensio, Anna Matas



June 2017

**V Doctoral Workshop**

Web: [http://pagines.uab.cat/appliedeconomics/Workshop\\_2017](http://pagines.uab.cat/appliedeconomics/Workshop_2017)

Local organizer: Emilio Padilla

October 2017

**Workshop on Big DATA in Applied Economics**

Web: <http://xreap.cat/ca/big-data-in-applied-economics-october-20th-2017/>

Local organizer: Grup de Recerca GEAP; XREAP

June 2018

**VI Doctoral Workshop**

Web: <http://pagines.uab.cat/appliedeconomics/content/doctoral-workshop-2018>

Local organizer: Emilio Padilla

January 2019

**III Meeting on Transport Economics and Infrastructure**

Web: <http://ieb.ub.edu/en/event/3rd-meeting-on-transport-economics-and-infrastructure/>

Organizers: Javier Asensio, Anna Matas

May 2019

**2<sup>nd</sup> CESC**

Second meeting of the Catalan Economic Society (Institut d'Estudis Catalans)

Web: <http://cesc.espais.iec.cat/en/>

Local Organizer: Angel López Rodríguez

May 2019

**14<sup>th</sup> Economic Policy International Conference (JIPE)**

Web: <https://www.14jipe.com/>

Local organizer: Ferran Brunet

June 2019

**VII Doctoral Workshop**

Annual meeting of the PhD program in Applied Economics (UAB)

Web: <http://pagines.uab.cat/appliedeconomics/node/276>

Local organizer: Emilio Padilla

**Upcoming Conferences or meetings**

June 2020

**VIII Doctoral Workshop**

Annual meeting of the PhD program in Applied Economics (UAB)

## Recent PhD Thesis (2016–2019):

Chronological order from more recent to oldest:

Author	Director	Title
Obryan Poyser Calderón	Jordi Perdiguero	Essays on Cryptocurrencies
Junhee Lee	Yarine Fawaz	Three essays on economics of happiness
Omar Fernando Arias Reinoso	Hector Sala	Three essays on the shadow economy
Daniel Guerrero Bedoya	Jordi Rosell	Essays on the influence of schooling on artisanal fishing in Colombia
Ana I. Larrea Peñaherrera	Xavier Ramos	Malnutrition and inequality in Ecuador
Viviana N. Cruzado de la Vega	Josep-Lluís Raymond	Evaluation of the effectiveness of public policies: programs to aid child nutrition and education in Peru as case studies.
Lidia Andrés Delgado	Padilla Emilio	Greenhouse gas emissions and energy intensity of the transport sector
Pecha Garzón, Camilo José	Beuerman, Diether W.	Essays on Development Economics
Azar Dufrechou, Paola	Roca, Oriol and Herraiz, Alfonso	Public education spending: Efficiency, productivity and Politics
Rivero Fernández, Antonio	Raymond, Josep Lluís	Envelliment i productivitat científica individual: Evidencia empírica pel professorat d'Economia i Empresa a Catalunya
Rivero Leiva, David	Rodríguez Mendizabal, Hugo	Three Essays on Financial Intermediation
Durán Pavón, Ivan Mauricio	Trillas Jané, Francesc	Three Empirical Essays on Political Economy
Buenaño Hermosa, Edwin	Padilla Rosa, Emilio	Actividad económica y emisiones de CO2: Ensayos empíricos para el Ecuador
Calderón Cuevas, Eduardo	Raymond Bara, Josep Lluís	Tres ensayos sobre la educación y el mercado laboral de los jóvenes en México
Gómez Urrego, Dolores Eulalia	Trillas Jané, Francesc Burguet Verde, Roberto	Three Essays on Efficiency, Access to Safe Drinking and Policy Pollution Control of Water Resources in Colombia
Erkol, Narod	Schmidbauer, Harald Trillas Jané, Francesc	New Developments in the Measurement of Market Connectedness
Brosed, Marta	Espitia Escuer, Manuel Trillas Jané, Francesc	Beyond the Game: Three Essays on How Economics Links to the Industry of Basketball
Patiño Pascumal, Lourdes Isabel	Alcántara Escolano, Vicent	Production Structure, Energy Efficiency and CO <sup>2</sup> Emissions in Colombia
Reyes Martínez, Orlando	Matas Prat, Anna	Gasoline Demand and its impact on the Environment in Spain
Sánchez Trunillo, Vania	Muñiz Olivera, Ivan	Three Essays on Urban Spatial Structure in the Metropolitan Area of Mexican Valley
Domínguez Moreno, Jorge Andrés	Raymond Bara, Josep Lluís	Three Empirical Essays on Urban Economics
Salas Beretche, Gonzalo Rafael	Ramos Morilla, Xavi	Essays on Equality of Opportunity and Public Policy
Biguri Pastor, Kizkitza	Rodríguez Mendizabal, Hugo Ippolito, Filippo	Essays in Corporate Finance
Trivin Garcia, Pedro	Sala Lorda, Hector	Three Essays on the Labour Market Macroeconomics
Franco Vásquez, Lilibiana Yaned	Raymond Bara, Josep Lluís	Tres Ensayos sobre las Desigualdades Regionales en Colombia
Dopeso Fernández, Roberto	Roig Sabaté, José Luis	Ensayos sobre la Influencia Económica de los Emprendedores en España
López Moguel, María del Rosario	Recio Andreu, Albert Chavarín Rodríguez, Rubén Antonio	Desigualdad de los Jóvenes en el Mercado de Trabajo en México
De la Garza Malo, Mónica María Goreti	Recio Andreu, Albert	La Escolaridad en la Determinación de los Ingresos en México en la Década de 1990
Sánchez Serra, Daniel	Boix Domènech, Rafael	Determinants of the Concentration of Creative Industries in Europe: a comparison between Spain, Italy, France, United Kingdom and Portugal
Gómez Tello, Alicia	Nicolini, Rosella	The European Integration Process: Trade, Mobility, and Policy
Conte Alessandra	Estaban, Joan Maria; Gutiérrez Roxana	Essays on Social Conflicts