

## CONTACT

Department of Economics  
Faculty of Economics and Business. University of Barcelona  
Av. Diagonal 690, Torre 6 Planta 2  
08034 Barcelona (Spain)  
Voice: (0034) 93 402 18 12 / Fax: (0034) 93 402 18 13  
e-mail:

## EDUCATION

Ph.D. in Economics, University of York (UK), 2004  
M.Sc. in Economics "*with distinction*", University of York (UK), 1999  
B.A. in Economics, University Pompeu Fabra (Spain), 1997

## POSITIONS HELD

Full professor, University of Barcelona, January 2020 - present  
Research fellow, Barcelona Institute of Economics (IEB), 2001 – present  
Associate professor, University of Barcelona, 2010 – 2020  
Assistant professor, University of Barcelona, 2003 – 2010  
Economic advisor, Ministry of Economy and Finance, Government of Catalonia, 2004 – 2009

## VISITING POSITIONS

Visiting Research Fellow. Inter-American Development Bank (Washington DC, USA). Research Department. July - December 2015.

Visiting Scholar. Universidad de Rosario (Bogotá, Colombia). Economics Department. November 2013.

## RESEARCH INTERESTS

Applied Economics, Economics of Crime, Public Economics, Regional and Urban Economics.

## PUBLICATIONS

### **2023**

Montolio, D.; Oliveira, C. (2023) "Law incentives for juvenile recruiting by drug trafficking gangs: empirical evidence from Rio de Janeiro", **Trends in Organized Crime**, forthcoming.

McDougal, T. L.; Montolio, D.; Brauer, J. (2023). "Modeling the U.S. Firearms Market: The Effects of Civilian Stocks, Legislation, and Crime". **International Social Science Journal**, forthcoming.

### **2022**

Montolio, D.; Piolatto, A.; Salvadori, L. (2022) "Financing Public Education when Agents have Retirement Concerns", **Economic Inquiry**, forthcoming.

Dominguez, M.; Montolio, D. (2022) "Social Prevention of Crime: Alternatives to Policing Measures in an Urban Context", in **Modern Guide to Crime Economics**, P. Buonanno, J. Vargas and P. Vanin (Eds), Edward Elgar.

### **2021**

Montolio, D.; Taberner, P. (2021) "Gender differences under test pressure and their impact on academic performance: a quasi-experimental design," **Journal of Economic Behavior and Organization**, volume 191, November 2021, pages 1065-1090.

Dominguez, M.; Montolio, D. (2021) "Bolstering community ties as a mean of reducing crime", **Journal of Economic Behavior and Organization**, volume 191, November 2021, pages 916-945.

Brutti, Z.; Montolio, D. (2021) "Preventing criminal minds: early education access and adult offending behavior," **Journal of Economic Behavior and Organization**, volume 191, November 2021, pages 97-126.

#### 2019

Montolio, D.; Planells-Struse, S. (2019) "Measuring the Negative Externalities of a Private Leisure Activity: Hooligans and Pickpockets around the Stadium", **Journal of Economic Geography**, 19, 2, 465-504.

#### 2018

Montolio, D. (2018) "The Effects of Local Infrastructure Investment on Crime", **Labour Economics**, 52, 210-230.

#### 2017

Brauer, J., Montolio, D.; Trujillo-Baute, E. (2017) "How Do US State Firearms Laws Affect Firearms Manufacturing Location? An Empirical Investigation, 1986-2010", **Journal of Economic Geography**, 17(4), 753-790.

Turati, G. Montolio, D.; Piacenza, M. (2017) "Funding and School Accountability: The Importance of Private and Decentralised Public Funding for Pupil Attainment" **Fiscal Studies**, vol 38, no. 4, 615-639.

Montolio, D.; Turati, G. (2017) "Constitutions as Incomplete Social Contracts," **Politica economica**, Società editrice il Mulino, issue 3, pages 259-268.

#### 2016

Montolio, D.; Planells-Struse, S. (2016) "How time shapes crime: the temporal impacts of football matches on crime", **Regional Science and Urban Economics**, 61, 99-113

Montolio, D.; Planells-Struse, S. (2016) "Does tourism boost criminal activity? Evidence from a top touristic country" with Simon Planells-Strusse (UB-IEB), **Crime and Delinquency**, 62(2), 1597-1623.

#### 2015

Montolio, D.; Planells-Struse, S. (2015) "When police patrols matter. The effect of police proximity on citizens' crime risk perception", **Journal of Economic Psychology**, 50, 73-93. 2015.

León-González, R.; Montolio, D. (2015) "Endogeneity and Panel Data in Growth Regressions: A Bayesian Model Averaging Approach", **Journal of Macroeconomics**, 46, 23-39.

#### 2014

Cortés, D.; Montolio, D. (2014) "Provision of Public Goods and Violent Conflict: Evidence from Colombia", **Peace Economics, Peace Science, Public Policy**, 20(1), 143-168.

Montolio, D.; Trillas, F.; Trujillo-Baute, E. (2014) "Regulatory Environment and Firm Performance in EU Telecommunications Services", **Review of Network Economics**, 13(3), 271-302.

Bosch, N.; Espasa, M.; Montolio, D. (2014) "Should large Spanish municipalities be financially compensated? Costs and benefits of being a capital/central municipality", **Hacienda Pública Española/Review of Public Economics**, 211 4/2014.

#### 2013

Montolio, D.; Trillas, F. (2013) "Regulatory Federalism and Industrial Policy in Broadband Telecommunications", **Information Economics and Policy**, 25, 18-31.

Buonanno, P.; Montolio, D.; Raya, J.M. (2013) "Housing Prices and Crime Perception", **Empirical Economics**, 45(1), 305-321.

García-Quevedo, J.; Mas-Verdú, F.; Montolio, D. (2013) "What type of innovative firm acquire Knowledge Intensive Services and from which suppliers?", **Technology Analysis & Strategic Management**, 25(4), 473-486.

#### 2012

Duch, N.; García-Quevedo, J.; Montolio, D. (2012) "Assessing the assignation of public subsidies: Do the experts choose the most efficient R&D projects?", **World Review of Science, Technology and Sustainable Development**, 9(2/3/4), 149-168.

#### 2011

Duch, N.; Montolio, D.; Trillas, F. (2011) "Productive Efficiency and Regulatory Reform: the Case of Vehicle Inspection Concessions", **Revista de Economía Aplicada**, 29(55), 33-59.

**2010**

Garcia, J.; Montolio, D.; Raya, J.M. (2010) "Local Public Expenditures and Housing Prices", **Urban Studies**, 47(7), 1501-1512.

**2009**

Buonanno, P.; Montolio, D.; Vanin, P. (2009) "Does Social Capital Reduce Crime?", **Journal of Law and Economics**, 52(1), 145-170.

Beraldo, S.; Montolio, D.; Turati, G. (2009) "Healthy, Educated and Wealthy: A primer on the impact of public and private welfare expenditures on economic growth", **Journal of Socio-Economics**, 38, 946-956.

Buonanno, P.; Montolio, D. (2009) "Juvenile Crime in Spain", **Applied Economics Letters**, 16(5), 495-500.

Montolio, D.; Solé-Ollé, A. (2009) "Road Investment and Regional Productivity Growth: The Effects of Vehicle-Intensity and Congestion", **Papers in Regional Science**, 88(1), 99-118.

Duch, N.; Mediavilla, M.; Montolio, D. (2009) "Evaluating the impact of public subsidies on a firm's performance: a two-stage quasi-experimental approach", **Investigaciones Regionales**, 16, 143-165.

**2008**

Buonanno, P.; Montolio, D. (2008) "Identifying the Socioeconomic Determinants of Crime across Spanish Provinces", **International Review of Law and Economics**, 28(2), 89-97.

**2006**

Castells, A.; Montolio, D.; Solé-Ollé, A. (2006) "La inversión en infraestructuras en las CCAA: determinantes y cálculo de un índice de necesidades de gasto", **Hacienda Pública Española/Review of Public Economics**, 178-(3/2006): 23-54.

**2004**

León-González, R.; Montolio, D. (2004) "Growth, Convergence and Public Investment. A Bayesian Model Averaging Approach", **Applied Economics**, 36, 1925-1936.

Leonida, L.; Montolio, D. (2004) "On the Determinants of Convergence and Divergence Processes in Spain", **Investigaciones Económicas**, 28(1), 89-121.

**2001**

González, P.; Montolio, D. (2001) "Has Spain been free-riding in NATO? An Econometric Approach", **Defence and Peace Economics**, 12(5), 465-85.

**OTHER PUBLICATIONS**

**Books (in Spanish)**

2015 "Autonomía y equidad en la financiación municipal: dos principios compatibles" Maite Vilalta (Ed.). Edicions Universitat de Barcelona. ISBN: 978-84-475-4225-3

2014 "Economía de los impuestos", Esteller-Moré, A. (coord), Ed. McGraw Hill.

2005 "Cuantificación de las necesidades de gasto de las Comunidades Autónomas en infraestructuras", with A. Castells-Oliveres and A. Solé-Ollé, Ministerio de Economía y Hacienda. Instituto de Estudios Fiscales, Madrid. 2005. ISBN: 84-8008-191-0.

**Chapters in books (English/Catalan/Spanish)**

2015 "Police patrols" with Simón Planells-Struse in the Encyclopedia of Crime and Punishment Edited by Prof. Wesley Jennings. Wiley-Blackwell.

2013 "Bargaining in International Conflicts' Resolution: UN Involvement and Conflict Settlement" (with Dario Maimone Ansaldo Patti), in F. Forte, R. Mudambi and P. Navarra (eds) Handbook of Alternative Theories of Public Economics. 2013. Cheltenham, Edward Elgar Press. ISBN: 978 1 78100 470 8.

2010 "Crecimiento económico y capital público en Andalucía" en El campo de las Artes y las Ciencias en Andalucía. Vol II (Las ediciones económicas a largo plazo en la economía andaluza: emigración, ahorro e inversión) J.I. García-Pérez (Ed.), BBVA (M-45571-2010). 2010

2008 "La gestió pressupostària dels municipis catalans: elaboració d'un índex", en Informe de l'Observatori de Govern Local, Jaume Magre Ferran (ed). Fundació Pi i Sunyer, Barcelona 2008.

2004 "Robust Estimations of Growth Regressions for the Spanish Case" conjuntamente con R. León-González, en Competitividad Regional en la Unión Europea Ampliada, José Villaverde (ed). Ministerio de Economía y Hacienda. Instituto de Estudios Fiscales, Madrid. 2004. ISBN: 84-8008-174-0.

#### **Papers in Catalan/Spanish**

2013 "Propuesta de indicadores de gestión en el Servicio de Políticas de Diversidad y Ciudadanía de la Diputación de Barcelona" with A. Díaz Pineda. **Gestión y Análisis de Políticas Públicas**, 9. ISSN: 1989-8991

2013 "Reflexions sobre la estimació dels costos dels serveis municipals" conjuntamente con Daniel Mas. **Nota d'Economia**, núm. 101 pp. 107-124, 2013.

2009 "Objectius i realitats de les inversions en gas natural a Espanya i a Catalunya" conjuntamente con N. Duch y F. Trillas. **Revista Económica de Catalunya**, 60, 2009.

2006 "La despesa sanitària pública de les comunitats autònomes en el període 1999-2003" conjuntamente con V. Molina. **Nota d'Economia**, núm. 86 pp. 29-64, 2006.

2006 "La quantificació de les necessitats de despesa en infraestructures de transport a Catalunya" conjuntamente con A. Solé-Ollé. **Nota d'Economia**, núm. 83-84 pp. 31-49, 2006.

2005 "La despesa educativa i l'estoc de capital humà a Catalunya" conjuntamente con E. Oroval. **Nota d'Economia**, núm. 84(1), pp. 59-83, 2005.

2004 "Catalunya en el marc de les regions europees: l'Euroregió Pirineus-Mediterrània", conjuntamente con C. Aranda. **Nota d'Economia**, Núm. 80(3) pp. 9-40, 2004.

#### **Papers on the teaching profession (English/Spanish)**

2015 Fachelli, S. and Montolio, D. "Valuation by Catalan graduates of the training received at university in relation to its utility in the workplace", **Multidisciplinary Journal for Education, Social and Technological Sciences**, Vol. 2 N° 2 (2015): 14-37.

2015 Medir, L. and Montolio, D. "Satisfacción laboral de los graduados catalanes y los determinantes de su valoración de la formación recibida en la universidad", **Revista Educación y Derecho – Education and Law Review**, 12, Abril 2015 – septiembre 2015.

2015 Montolio, D. "The Impact of Continuous Assessment on a Temporal Perspective: The Results of a Pioneering Experiment at the University of Barcelona (Spain)", **Multidisciplinary Journal for Education, Social and Technological Sciences**, Vol 2, 128-140.

2011 Gallardo, E. and Montolio, D. "¿Existe relación entre la evaluación continua y los resultados de los alumnos?". **e-pública**, 8, 63-79, February 2011.

2010 Camós, M., Gallardo, E. and Montolio, D. "The European Higher Education Area at work: Lights and shadows defining Continuous Assessment". **Revista d'Innovació Docent Universitària**, RIDU (ISSN 2012-2298), 2010.

#### **WORKING PAPERS (LAST 5 YEARS)**

McDougal, T. L.; Montolio, D.; Brauer, J. (2020). "Modeling the US firearms market: the effects of civilian stocks, crime, legislation, and armed conflict". IEB Working Paper 2020/06.

Brutti, Z.; Montolio, D. (2019). "Preventing criminal minds: early education access and adult offending behavior," Working Papers 2019/02, Institut d'Economia de Barcelona (IEB).

Jordi Baños Rovira & Daniel Montolio & Marco Cangiano & Mark Miller & Ernesto Ganuza & Santiago Lago-Peñas, 2018. "The Challenges of Public Budgeting After the Great Fiscal Crisis: Where Improvements and Reform Can Be Made," IEB Reports ieb\_report\_3\_2018, Institut d'Economia de Barcelona (IEB).

Montolio, D.; Taberner, P. (2018) "Gender differences under test pressure and their impact on academic performance: a quasi-experimental design," Working Papers 2018/21, Institut d'Economia de Barcelona (IEB).

Montolio, D.; Tur-Prats, A. (2018). "Long-lasting social capital and its impact on economic development: the legacy of the commons," Working Papers 2018/16, Institut d'Economia de Barcelona (IEB).

"The Unintended Consequences on Crime of "Pennies from Heaven" - WORKING PAPER SERIES Nº IDB-WP-666 Inter-American Development Bank. Department of Research and Chief Economist. <https://publications.iadb.org/handle/11319/7431#sthash.hWNR8CfN.dpuf>

"Measuring the Negative Externalities of a Private Leisure Activity: Hooligans and Pickpockets around the Stadium" with Simón Planells-Struse. *Documento de Trabajo 2015/15 Instituto de Economía de Barcelona* (IEB). 2015.

"How time shapes crime: the temporal impacts of football matches on crime" with Simón Planells-Struse. *Documento de Trabajo 2015/10 Instituto de Economía de Barcelona* (IEB). 2015.

#### **CONFERENCES AND SEMINARS**

60th European Congress of the Regional Science Association International (ERSA). On-line. August 2021.

35th ANNUAL CONGRESS OF THE EUROPEAN ECONOMIC ASSOCIATION (EEA-ESEM). On-line August 2020.

34rd ANNUAL CONGRESS OF THE EUROPEAN ECONOMIC ASSOCIATION (EEA-ESEM). Manchester - Agosto 2019.

European Public Choice Society – EPCS Congress. Jerusalem (Israel) Abril 2019.

33rd ANNUAL CONGRESS OF THE EUROPEAN ECONOMIC ASSOCIATION (EEA-ESEM). Cologne 27-31 August 2018.

European Public Choice Society – EPCS Congress. Roma (Italia) Abril 2018.

12th Meeting of the Urban Economics Association at the 64th Annual North American Meetings of the Regional Science Association. 2017

42nd Simposio de la Asociación Española de Economía-Spanish Economic Association (SAEe). 2017

57th European Congress of the Regional Science Association International (ERSA). Groningen (Netherlands). 2017

56th European Congress of the Regional Science Association International (ERSA), 6th European Meeting of the Urban Economics Association. Vienna (Austria). 2016

54th European Congress of the Regional Science Association International (ERSA), 4th European Meeting of the Urban Economics Association. St. Petersburg (Russia). 2014

53th European Congress of the Regional Science Association International (ERSA), Palermo (Italy). 2013

Invited seminars: Universidad del Rosario (Colombia, Nov 2013).

Global Governance Program Workshop: "*Multi-mode Governance, Shaping and being shaped by Globalization*" 16-17 December 2011, European University Institute. Florence (Italy).

51th European Congress of the Regional Science Association International (ERSA) "*New Challenges for European Regions and Urban Areas in a Globalised World*", 30/08-03/09 Barcelona (Spain).

IV Simposio Federalismo Fiscal del IEB: "La financiación de los gobiernos locales". 14-15 June 2010, Barcelona.

14th Annual Conference of the International Society for New Institutional Economics (ISNIE) at University of Stirling, Scotland, UK, June 17 - 19, 2010

SUS.DIV-FEEM-University of Padua-CEPR Conference on "Economics of Culture, Institutions, and Crime" (20-22/01/2010).

R&D Management Conference (2008 in Ottawa, Canada)

Encuentros de Economía Aplicada (2001, 2003, 2004, 2005, 2008).

Reunión de Estudios Regionales (2003, 2004, 2005).

Encuentro de Economía Pública (2001, 2002, 2003, 2006, 2011, 2012, 2018).

#### **COMPETITIVE RESEARCH PROJECTS (5 YEARS)**

“Behavioral responses to social changes: crime in an interconnected world”. Ministerio de Ciencia, Innovación y Universidades. Main researcher: Dr. Daniel Montolio. (2020-2023). PID2019-109813RB-I00.

“Encuesta de Prácticas Presupuestarias de las Comunidades Autónomas”. Instituto de Estudios Fiscales. Ministerio de Hacienda. Main researcher: Dr. Daniel Montolio. (2020-2022).

“Networks and crime: a triple approximation to detect and prevent security threats”. Secretaría de Estado de Investigación, Desarrollo e Innovación. Ministerio de Economía y Competitividad. Main researcher: Dr. Daniel Montolio. (2017-2019). ECO2016-75912-R.

“The Effect of Social Cohesion on Crime Rates and Security Perceptions: The Role of the Cultural Associationism in a Urban Setting. La Caixa (Obra Social) RECERCAIXA 2015. Main researcher: Dr. Daniel Montolio. (2016-2018).

“Using Geocodified Data to Fully Understand the Economics of Crime in a Urban Context”. Secretaría de Estado de Investigación, Desarrollo e Innovación. Ministerio de Economía y Competitividad. Main researcher: Dr. Daniel Montolio. (2014-2016). ECO2013-41886-R.

Grup de Recerca Consolidat en Federalisme Fiscal i Economia Regional (SGR). Departament d'Universitats. Recerca i Societat de la Informació. Generalitat de Catalunya. Main researcher: Dr. Albert Solé. (2014-2018). 2014SGR420.

Grup de Recerca Consolidat en Federalisme Fiscal i Economia Regional (SGR). Departament d'Universitats. Recerca i Societat de la Informació. Generalitat de Catalunya. Main researcher: Dr. Albert Solé. (2009-2013). 2009SGR102.

Grup de Recerca Consolidat en Federalisme Fiscal i Economia Regional (SGR). Departament d'Universitats. Recerca i Societat de la Informació. Generalitat de Catalunya. Main researcher: Dr. Martí Parellada. (2005-2009). 2005SGR00285.

#### **REFEREE ACTIVITIES**

Empirical Economics, Hacienda Pública Española/Revista de Economía Pública, International Review of Law and Economics, Journal of Economic Growth, Journal of Law and Economics, Peace Economics, Peace Science and Public Policy, Documents d'Anàlisi Geogràfic, e-pública, Publius: The Journal of Federalism, The Manchester School, The Social Science Journal, Investigaciones Regionales, Journal of Applied Economics, Regional Studies, Journal of Asian Economics, North American Journal of Economics and Finance, Journal of Peacebuilding and Development, Research in Transportation Economics, Revista Cuadernos de Economía, Crime, Law and Social Change, The Economics of Peace and Security Journal, Journal of Economic Studies, Dokuz Eylul University Faculty of Economics and Administrative Sciences Journal, IADB working paper series, Journal of Economic Policy/Política Económica; Papers in Regional Science, Urban Studies, Journal of Macroeconomics.

#### **LANGUAGES**

Catalan/Spanish: mother tongues

English: fluent at all levels

Italian: fluent at all levels

French: basic knowledge

*Last update: January 2023*