

**ERNEST MIGUELEZ**  
**CURRICULUM VITAE – MAY 2019**

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**Appointments:**

- October 2014 – Research fellow CNRS (*Chargé de Recherche*), French National Centre for Scientific Research & GREThA-Université de Bordeaux
- April 2015 – Research Affiliate, Regional Quantitative Analysis Group (AQR-IREA) University of Barcelona
- July 2013 – External Research Fellow, Centre for Research and Analysis of Migration (CReAM) University College London
- Jan. 2015 – June 2018 Editorial board (Early Career Editor): *Regional Studies*
- Jan. – Sept. 2014 Post-doctoral fellow GREThA-Université de Bordeaux
- Jan. 2012 – Dec. 2013 Research economist at the Economics and Statistics Division – World Intellectual Property Organization (Geneva).
- Nov. 2007 – Jan. 2012 Research assistant at AQR (Regional Quantitative Analysis) Research Group. University of Barcelona

**Education:**

- 2008-2012: PhD in Economics, University of Barcelona, Spain.  
Advisor: Rosina Moreno. Co-advisor: Francesco Lissoni  
Committee: Ron Boschma (Chair), Rosella Nicolini, Jordi Suriñach.
- 2006-2007. MSc in Economics, University of Barcelona, Spain.
- 2000-2005 BSc in Economics, University of Barcelona, Spain

**Research interests:**

Applied economics, econometrics, innovation economics, economic geography, migration economics, diaspora economics, patent data

**Habilitations, Scholarships and Awards:**

- Autorisation à Diriger une Thèse (ADT), Université de Bordeaux, 2018
- Habilitation as tenured assistant professor (AQU-Agregat), since 2016
- José Manuel Blecua Prize 2015 awarded by the University of Barcelona Board of Trustees, for the best article published in a high impact-factor journal in the humanities and social sciences (as a result of a PhD dissertation at the University), for the paper "*What attracts knowledge workers? The role of space and social connections*", published in the Journal of Regional Science.
- Recognition certificate of 19th Awards of the Council of Doctors of the University of Barcelona, for the thesis "Essays on the geography of innovation: knowledge workers' mobility, networks and spillovers", 2015

- Best PhD dissertation Faculty of Economics and Business, awarded by the University of Barcelona (*Premi Extraordinari de Doctorat*), 2013.
- ALdE's Young Researchers Award 2012, Spanish Applied Economics Meeting (A Coruña, June, 2012) for “How do geographically mobile innovators influence network formation?”
- Award “Càtedra Universitat-Empresa per al Foment de la Innovació Empresarial, Universitat Rovira i Virgili” Working Papers Series 2012 for “How do geographically mobile innovators influence network formation?”
- September 2008 – January 2012: Scholarship from the Science and Innovation Spanish Ministry. Purpose: University Personnel Formation.
- January 2008 – September 2008: Scholarship from the *Generalitat de Catalunya* (Catalan Regional Government). Purpose: University Personnel Formation.

### Articles:

Akcigit, U., Caicedo, S., Miguelez, E., Stantcheva, S., Sterzi, V. – “Dancing with the Stars: Innovation Through Interactions”, NBER Working Paper No. 24466, March 2018 (*R&R, Econometrica*).

Miguelez, E., Temgoua, C. - “Immigration externalities, knowledge flows and brain gain (Cahiers du GREThA No. 2017-07). Groupe de Recherche en Economie Théorique et Appliquée.” (*R&R Research Policy*)

Toole, A., Myers, A., Breschi, S., Ferruci, E., Lissoni, F., Miguelez, E., Sterzi, V., Tarasconi, G. (2019) “Progress and Potential: A profile of women inventors on U.S. patents”, *Office Of The Chief Economist. IP Data Highlights*

Useche, D. , Miguelez, E., Lissoni, F. (2019) “Highly-skilled migrants and Cross-border M&A: Firm-level evidence” *Journal of International Business Studies* pp 1–27, First Online: 04 January 2019

Miguelez, E. (2019) “Collaborative patents and the mobility of knowledge workers”, *Technovation*, Available online 27 March 2019, <https://doi.org/10.1016/j.technovation.2019.01.001>

Miguelez, E. (2018) “Inventor diasporas and the internationalization of technology”, *World Bank Economic Review* 32 (1): 41–63

Clark, J., Harrison, J, Miguelez, E. (2018) “Connecting cities, revitalizing regions: the centrality of cities to regional development” *Regional Studies* 52 (8): 1025-1028

Miguelez, E., Moreno, R. (2018) “Relatedness, external linkages and regional innovation in Europe” *Regional Studies*, 52(5): 688–701

Breschi, S., Lissoni, F., Miguelez, E. (2017) “Foreign-origin inventors in the USA: testing for diaspora and brain gain effects”, *Journal of Economic Geography*, 17(5): 1009–1038,

Miguelez, E., Moreno, R. (2017) "Networks, Diffusion of Knowledge, and Regional Innovative Performance", *International Regional Science Review*, 40(4)

Turok, I., Bailey, D., Clark, J., Du, J., Fratesi, U., Fritsch, M., Harrison, J., Kemeny, T., Kogler, D., Legendijk, A., Mickiewicz, T., Miguelez, E., Usai, S., Wishlade, F. (2017) “Global reversal, regional revival?” *Regional Studies* 51, 1–8.

Miguelez, E., Moreno, R. (2015) “Knowledge flows and the absorptive capacity of regions”, *Research Policy*, 44(4): 833–848

Lissoni, F., Miguelez, E. (2015) “Patents, Innovation, and Economic Geography” *The WIPO Journal*, 6(1): 37-49

Miguelez, E., Moreno, R. (2014) "What Attracts Knowledge Workers? The Role of Space and Social Connections", *Journal of Regional Science*, 54(1): 33–60

Miguelez, E., Moreno, R. (2013) "Do labour mobility and networks foster geographical knowledge diffusion? The case of European regions", *Growth & Change*, 44(2): 321-354

Miguelez, E., Moreno, R. (2013) "Skilled labour mobility, networks and knowledge creation in regions: A panel data approach", *The Annals of Regional Science*, 51(1): 191-212

Miguelez, E., Moreno, R. (2013) "Research networks and inventors' mobility as drivers of innovation: Evidence from Europe", *Regional Studies*, 47(10): 1668-1685

Moreno, R., Miguelez, E. (2012) "A relational approach to the Geography of Innovation: A typology of regions", *Journal of Economic Surveys*, 26(3): 492-516

Artis, M.J., Miguelez, E., Moreno, R. (2012) "Agglomeration economies and regional intangible assets: an empirical investigation", *Journal of Economic Geography*, 12(6): 1167-1189

Miguelez, E., Moreno, R., Artís, M. (2011) "Does social capital reinforce technological inputs in the creation of knowledge? Evidence from the Spanish regions", *Regional Studies*, 45(8): 1019-1038

Miguelez, E., Moreno, R., Suriñach, J. (2010) "Inventors on the move: tracing inventors' mobility and its spatial distribution" *Papers in Regional Science*, 89 (2): 251-274

#### **Current research and working papers:**

Breschi, S., Lissoni, F., Miguelez, E. – "Return migrants' self-selection: Evidence for Indian inventors", NBER Working Paper No. 24809, July 2018

Di Iasio, V., Miguelez, E. – "The ties that bind...and transform: knowledge remittances and the direction of technical change"

Miguelez, E., Sterzi, V. – "MNC in Emerging Countries: Is Labour Mobility a Source of Spillovers?"

Boschma, R., Miguélez, E., Moreno, R., Ocampo, D. – "Breakthrough patents and technological relatedness"

Tubiana, M., Miguélez, E., Moreno – "The knowledge dynamics of inventors' performance"

Miguelez, E., Gómez-Miguélez, I. (2011) "Singling out individual inventors from patent data", IREA Working Paper 2011/05

#### **Books:**

Fink, C., Miguelez, E., editors (2017) *The International Mobility of Talent and Innovation - New Evidence and Policy Implications*, Cambridge University Press, Cambridge (UK).

Turok, I., Bailey, B., Clark, J., Du, J., Fratesi, U., Fritsch, M., Harrison, J., Kemeny, T., Kogler, D., Legendijk, A., Mickiewicz, T., Miguelez, E., Usai, S., and Wishlade, F., editors (Forthcoming). *Transitions in Regional Economic Development*. Routledge, London.

#### **Book Chapters:**

Miguelez, E., Fink, C. (2017) "Measuring the international mobility of inventors: a new database" in: C. Fink and E. Miguelez, *The International Mobility of Talent and Innovation - New Evidence and Policy Implications*, Cambridge University Press (WP version: WIPO Economic Research Working Paper No. 8)

Fink, C., Miguelez, E., Raffo, J. (2017) “The determinants of the international mobility of inventors” in: C. Fink and E. Miguelez, *The International Mobility of Talent and Innovation - New Evidence and Policy Implications*, Cambridge University Press

Miguelez, E. (2013) “Special Section: The international mobility of inventors”, in: Economics and Statistics Division, *World Intellectual Property Indicators*. WIPO, Geneva.

Miguelez, E., Moreno, R., Suriñach, J. (2013) “The knowledge networking regions”, in: Roberta Capello and Camilla Lenzi, *The Territorial Dimension of the Knowledge Economy in Europe*, Routledge.

Miguelez, E., Moreno, R., Suriñach, J. (2013) “Territorial patterns of innovation and knowledge flows”, in: Roberta Capello and Camilla Lenzi, *The Territorial Dimension of the Knowledge Economy in Europe*, Routledge.

Moreno, R., Miguélez, E. (2013) “A relational approach to the Geography of Innovation: A typology of regions”, in: Philip McCann and Les Oxley, *Innovation, Entrepreneurship, Geography and Growth*, John Wiley & Sons Inc., West Sussex (UK).

### **Book Reviews:**

Review of Ugo Fratesi and Lanfranco Senn (Eds.): “Growth and Innovation of Competitive Regions. The Role of Internal and External Connections” (with Rosina Moreno) *Journal of Regional Science*, vol. 51 (1): 222-224

### **Blog posts**

Breschi, S., Lissoni, F., Miguelez, E. – Does India gain from high-skilled migration to the US? [[I4I article](#)]

Breschi, S., Lissoni, F., Miguelez, E. – “Migrant inventors in America” [[VOX EU article](#)]

Fink, C., Miguélez, E., Raffo, J. - “The global race for inventors” [[VOX EU article](#)]

### **Teaching:**

- *Geography of Innovation*, 2018-2019. University of Bordeaux (9 hours).
- *Spatial Econometrics*, 2018-2019. University of Bordeaux (19.5 hours).
- *Spatial Econometrics*, 2017-2018. University of Bordeaux (19.5 hours).
- *Spatial Econometrics*, 2016-2017. University of Bordeaux (19.5 hours).
- *European Databases*, 2014-2015. TD University of Bordeaux (15 hours).
- *Statistical programming*, 2014-2015. TD University of Bordeaux (15 hours).
- *European Databases*, 2013-2014. TD University of Bordeaux (15 hours).

### **PhD & Master supervision**

- 2018- Christian CHACUA-DELGADO, PhD Université de Bordeaux, *The globalization of knowledge: Three essays on migration, innovation and science*, (joint with Valerio Sterzi).
- 2018- Georgios TSIACHTSIRAS, PhD University of Barcelona, *Innovation, cities and inequality*, (joint with Rosina Moreno).
- 2017- Federico BIGNONE, Master in Cooperation Development and Innovation in the Global Economy, Università Degli Studi Di Torino, *Ethnic diversity and firm performance: Evidence from Initial Public Offerings*, (main supervisor: Aldo Geuna).
- 2017- Christian Mauricio CHACUA DELGADO, Master in Economie de l'innovation et veille strategique, Université de Bordeaux, *Homophily and collaboration in inventor network: the role of ethnicity and migration*.

- 2014- Basheer Esmat KALASH, Master in Economics University of Barcelona, *Agglomeration and Innovation: Evidence from European Metropolitan Areas*, (joint with Rosina Moreno).

### Thesis committees

- 2018 Luca VERGINER, IMT Lucca (supervisor: Massimo Riccaboni), member of the follow-up committee.
- 2018 Claudia NOUMEDEM TEMGOUA, Université de Bordeaux (supervisor: Francesco Lissoni), member of the thesis committee.
- 2018 Celia MELGUIZO CHÁFER, Universitat de Barcelona (supervisors: Raul Ramos and Vicente Royuela), member of the thesis committee.
- 2017 Clement GORIN - GAEL - Université Jean Monnet Saint Étienne (supervisor: Nadine Massard), member of the follow-up committee (*comité de suivi de thèse*) and invited member of the thesis committee
- 2016 Vicente RIOS, Universidad Pública de Navarra (supervisors: Pedro Pascual and Roberto Ezcurra), member of the thesis committee.

### Participation in competitive research projects:

- 2018- Agence National de la Recherche. "Highly Skilled Migration and International Flows of  
2020 Talent, Knowledge, and Capital (TKC)". Principal Investigator: Ernest Miguelez.
- 2019 ULYSSES project. "Inventor/technology nexus: individual skills, firm dynamics and regional diversification (ITNEXUS)". Principal Investigator: Ernest Miguelez and Dieter Kogler.
- 2016- CNRS-Melbourne University. "Immigration, Innovation, Internationalization and  
2017 migration policy: An international comparative analysis (3I-POL)". Principal Investigator: Ernest Miguelez and Paul Jensen.
- 2012- Seventh Framework Programme for Research and Technological Development in the  
2014 "Socio-economic sciences and the humanities" area (FP7-SSH-SSH-2010.2.2-266834). "Sharing Knowledge Assets: Internationally Cohesive Neighborhoods (SEARCH)", grant agreement n° 266834. Coordinator: Jordi Suriñach (AQR-IREA).
- 2012- Plan Nacional de I+D+i, Ministerio de Ciencia e Innovación. "Globalization on regional  
2014 economics. Panel data and non-stationary econometrics", ECO2011-30260-C03-03. Principal Investigator: Josep Lluís Carrión-i-Silvestre (AQR-IREA).
- 2010- Knowledge, Innovation, and Territory (KIT), ESPON project. Principal Investigator:  
2012 Roberta Capello (Politecnico di Milano).
- 2009- VI Plan Nacional de I+D+i, Ministerio de Ciencia e Innovación. "Productividad:  
2011 Determinantes de su nivel, evolución y heterogeneidad empresarial y regional", ECO2008-05314. Principal Investigator: Enrique López-Bazo (IPTS, AQR-IREA).
- 2008- Seventh Framework Programme for Research and Technological Development in the  
2010 "Socio-economic sciences and the humanities" area (FP7-SSH-2007-1. 216813). "Intangible Assets and Regional Economic Growth (IAREG)", grant agreement n° 216813. Coordinator: Jordi Suriñach (AQR-IREA).

## Visiting:

- Visiting scholar, April 2017, Melbourne Institute of Applied Economic and Social Research, University of Melbourne (Australia) – Paul Jensen.
- Visiting scholar, January-July 2011, Rotman School of Management, Strategy Group, University of Toronto (Canada) - Ajay Agrawal.
- Visiting scholar, January-April 2010, ‘Knowledge, Internationalization and Technology Studies’ (KITEs) Research Group, Bocconi University (Milan, Italy) - Francesco Lissoni.
- Visiting scholar, October-November 2009, Kiel Institute for the World Economy, Kiel (Germany) - Eckhardt Bode.
- Visiting scholar, July-September 2008, Institute for Political and Economic Governance, University of Manchester (UK), - Michael J. Artis.

## Invited talks:

- 2019 **Keynote speaker:** “Highly Skilled and Well-connected: STEM Migration and the Global Knowledge Economy”, at the PhD Workshop in Economics of Innovation, Complexity and Knowledge 2019, Turin (Italy); Departament d’Economia, Universitat de Valencia (Spain)
- 2018 **Roundtable:** “STEM Migrants: Their Role in Research and Innovation”, at the Triple Helix Conference 2018, Manchester (UK)
- 2017 Melbourne Institute of Applied Economic and Social Research, University of Melbourne (Australia)
- 2016 EPFL, Lausanne (Switzerland), UNCTAD, Geneva (Switzerland), Hellenic IPO, Athens (Greece)
- 2015 SIEPR, Stanford University, (United States); Temporary Migration Cluster, UC Davis, (United States); INGENIO, CSIC-UPV, Valencia (Spain); Economics and Statistics Division, WIPO, Geneva (Switzerland)
- 2014 GATE-LSE, Saint Etienne (France)
- 2013 GREThA, University of Bordeaux (France); London School of Economics and Political Science (UK); CREIP, URV, Reus (Spain)
- 2012 Departament d’Economia Aplicada, UAB, Barcelona (Spain)

## Presentations in conferences and workshops:

- 2018 NBER workshop “The Role of Immigrants and Foreign Students in Science, Innovation, and Entrepreneurship”, Boston (US); 5th Global Conference on Economic Geography, Cologne (Germany); Triple Helix Conference, Manchester (UK)
- 2017 RSA Annual Conference, VIII Workshop on Institutions, Individual Behavior And Economic Outcomes, Corsica; 54th Colloquium ASRDLF
- 2016 European Policy for Intellectual Property Annual Conference
- 2015 RSA Annual Conference; XLI Reunión de Estudios Regionales
- 2014 54<sup>th</sup> ERSA conference; 2<sup>nd</sup> Geography of Innovation Seminar
- 2013 Patent Statistics for Decision Makers; 7th MEIDE Conference; 5th Workshop “The Output of R&D activities: Harnessing the Power of Patents Data”, IPTS-JRC; XVI Encuentro de Economía Aplicada; WIPO Workshop on IP and brain drain; Migration: Global Development, New Frontiers, London
- 2012 6<sup>th</sup> MEIDE Conference; XV Encuentro de Economía Aplicada; Geography of Innovation Seminar, EuroLio
- 2011 51<sup>st</sup> ERSA Conference; WRSA Annual Meeting
- 2010 Zvi Griliches Summer School on the Economics of Innovation; XIII Encuentro de Economía Aplicada
- 2009 XXXIV Simposio de la Asociación Española de Economía; DIME Workshop on Technology, Skills and Geography at SPRU; 9<sup>th</sup> European Summer School on Industrial Dynamics; 24<sup>th</sup> EEA Annual Congress; III World Conference of Spatial Econometrics
- 2008 48<sup>th</sup> ERSA Congress; XI Encuentro de Economía Aplicada

## Languages and Computer Skills:

Languages: Bilingual in Catalan and Spanish; English (fluent) and French (beginner).  
Computer Skills: STATA, R, SAS, MySQL, ArcGIS and Geoda.

**Referee Activity (verified peer-review at: [publons.com/a/553012/](https://publons.com/a/553012/)):** *Journal of the European Economic Association, Canadian Journal of Economics (2), China Economic Review, Economic Geography, Economic Journal, Environment and Planning A (2), European Journal of Development Research, Geoforum, Growth and Change, Industrial and Corporate Change, Industry and Innovation (4), International Journal of Innovation and Regional Development, Italian Journal of Regional Science, IVIE, Journal of Development Studies, Journal of Economic Geography, Journal of International Education Research, Journal of Regional Science, Papers in Regional Science (7), Regional Studies (9), Research Policy (3), Science of Science & Innovation Policy Program, The Annals of Regional Science, The World Economy, World Development .*  
**Grants reviewer:** *Agence Nationale de la Recherche, US National Science Foundation.*

**Other Activities:**

- *Workshop Series on Migration, Globalization and the Knowledge Economy, 2018-2020.* Series organizer, scientific committee and Bordeaux local organizer
- *4<sup>th</sup> Geography of Innovation Conference, 1-2 February 2018.* Co-Head of Organizing Committee.
- *AQR Barcelona Workshop on Regional and Urban Economics, 27-28 October 2016.* Member of the Scientific and Organizing Committees
- Member of the *Regional Studies Association*
- *WIPO Workshop on IP and brain drain, 29-30 April 2013.* Member of the Scientific and Organizing Committees
- *AQR Workshop on Innovation and Economic Performance, 18-19 October 2012.* Member of the Scientific and Organizing Committees
- Coordinator of the *AQR Lunch Seminars Series, September 2011- January 2012*
- *51<sup>st</sup> European Regional Science Association Conference, Barcelona 30<sup>th</sup> August – 3<sup>rd</sup> September 2011.* Local Organizing Committee