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AFFILIATION:

- Department of Economics, Universidad Carlos III de Madrid, Spain
- Nov, 2008 –: Vice-dean of Law and Economics degree
 - June, 2005 – : Associate Professor
 - 1/1999 – 6/2005: Assistant Professor
 - 3/2004 – 7/2004: Visiting CEMFI
 - 9/2003 – 3/2004 Visiting Essex Economics Dept
 - 11/2004 -- **CEPR** Research Affiliate.
 - 1/1999 – 2002: Instituto de Análisis Económico, CSIC, Barcelona (Research Affiliate).
 - 9/2000 – 8/2001: Department of Population and International Health, Harvard School of Public Health, USA (Visiting Scholar).
 - 9/1997 – 12/98: Instituto de Análisis Económico, CSIC, Barcelona (Assistant Professor)

PUBLICATIONS:

- Can We Infer Hospital Quality from Medical Graduates' Residency Choices?* (with Ricardo Mora and Antonio Romero-Medina), **Journal of the European Economic Association**, forthcoming.
- Moral hazard and the demand for health services: a matching estimator approach* (with Anna Sanz de Galdeano and Pedro Pita Barros), **Journal of Health Economics**, vol 27, pp 1006-1025, July 2008. (also found as CEPR DP n° 5488).
- Benchmarking for Productivity Improvement: a Health Care Application* (with Daniel A. Akerberg and Michael H. Riordan), **International Economic Review**, vol 47, n°1, pp 161-201 February 2006.
- Substance Abuse Treatment, what do we know? An Economist's perspective*, **European Journal of Health Economics**, vol 6 (1), pp 53-64, March 2005.

*A Consistent Estimator for the Binomial Distribution in the Presence of “Incidental Parameters,” an application to Patent Data, **Journal of Econometrics**, vol 119(1), pp 73-98, March 2004.*

*Dollars and Performance: Treating Alcohol Misuse in Maine, **Journal of Health Economics**, vol 20 (4) pp 645-672, 2001.*

WORKING PAPERS and Research:

Coverage of Infertility Treatment and Fertility Outcomes: Do women Catch up? (with Anna Sanz-de-Galdeano) CEPR 8445 and IZA 5783.

Bilateral Market Power and Vertical Integration in the Spanish Electricity Spot Market (with Kai-Uwe Kühn), CEPR DP 4590.

Class-size and Peer Effects in College? (in progress) (with Marcos Vera-Hernández)

OTHER:

Cost-Push versus Demand-Pull Inflation in Postwar U.S.: A VAR Approach. (with Juan M. Ruiz, Miguel Ostos and Zenon Quispe, preliminary).

EDUCATION

1992 – 1997: Ph.D., Economics, **Boston University**, Boston, MA.
Advisors: Michael H. Riordan, Kevin Lang, Thomas G. McGuire
Research Interests: Empirical Industrial Organization and Health Economics, Applied Econometrics.

Aug. 1995: International Summer School on Interactive Economic Decisions, University of Bonn, Germany.

1992 – 1995: M.A., Economics, **Boston University**, Boston, MA.

1987 – 1991: B.A., Economics, **Universidade Nova de Lisboa**, Portugal.

PROFESSIONAL TITLES REQUIRED BY SPANISH LAW:

24/4/2007 *Habilitación* in the area of Applied Economics (Economía Aplicada)

22/12/2006 *Acreditación* by the “Agencia Nacional de Evaluación de la Calidad y Acreditación” (ANECA) for the positions of: Profesor Contratado Doctor, Profesor Colaborador, Profesor de universidad privado, Profesor Ayudante Doctor

17/6/2004 *Homologación* of the Doctorate Degree by the Spanish Ministry of Education.

GRANTS AND AWARDS

2011 – 2013 Ministerio de Ciencia e Innovación: “Innovación y su impacto social.” Main researcher: Matilde P. Machado.

2007 – 2009 Fundación Ramón Areces, Research Grant (Main Researcher: Ricardo Mora).

2001 – 2006 “**Ramón y Cajal**” Research grant (Ministry of Science and Technology, Spain).

2004 – 2006 Fundación Ramón Areces, Research Grant (Main Researcher).

2004 – 2007 Ministerio de Educación y Ciencia: “Cooperación entre empresas: acuerdos de cooperación en investigación y en industrias de red.” Main researcher: Pedro Marin.

- 2003, 2004 – Grants from Comunidad de Madrid for short visits to Univ. of Michigan.
- 2001 – 2004 Ministerio de Ciencia y Tecnología: “Condiciones de acceso y competencia en industrias de red: Energía y Telecomunicaciones,” main researcher: Luis Rodriguez-Romero.
- 2000 – 2001 Ministerio de Educación y Cultura (Ref. PB98-0137) “Instituciones, Igualdad de Oportunidades y Bienestar Económico. Especial Referencia a los Colectivos más desfavorecidos en el mercado de trabajo en España: jóvenes, mujeres, personas mayores y trabajadores temporales” (main researcher: Alfonso Alba)
- 1998 – 1999: Training and Mobility of Researchers (TMR) programme, Marie Curie Research Training Grants from the European community on “Economic Analysis of Substance Abuse Treatment and its Funding.”
- 1996 – 1997: Alfred P. Sloan Doctoral Dissertation Fellowship
- 1994 – 1996: Research Assistant for Prof. Michael H. Riordan and Thomas G. McGuire on “Performance Based Contracting for Substance Abuse Services” NIDA grant 5 R01 DA08715
- 1992 – 1996: Junta Nacional de Investigação Científica (JNICT) Scholarship BD/2233/92-RO. Ministry of Education, Portugal.
- 1992 – 1996: Fulbright-Hays Grant.
- 1992: Luso-American Foundation Grant.

TEACHING EXPERIENCE

- 2008-2012 Master course “Industrial Organization” at the Master en Economía Industrial, UC3M. Undergraduate course in Industrial Economics, UC3M.
- 2007-2008, 2011-2012 Graduate Course in Health Economics, UC3M.
- 2007, 2011 Invited Professor for the Advanced Economic Analysis course in the Phd Program of Faculdade de Economia da Universidade do Porto (Portugal).
- 1999-2008, 2009-2012: Universidad Carlos III de Madrid, undergraduate Program in Economics. Getafe, Spain. **Professor**, Health Economics in Spanish and English (2011-2012), Industrial Economics in Spanish and English.
- 2011-2012: Master Evaluación y Acceso al Mercado en el Sector Farmacéutico, at Universidad Carlos III, in Spanish.
- 2004-2007 Master de Economía Industrial major in Pharmaceutical Sector, Universidad Carlos III, in Spanish.
- 2002, 2004 Master of Health Organizations (“Curso Superior de Organizaciones Sanitarias) at Universidad Carlos III, in Spanish.
- November 2002: 3-day course on “How to Model Electricity Markets” at the Peruvian Regulatory Board (OSINERG).
- 1998: Universidad Autónoma de Barcelona. Graduate Program in Economics (IDEA). Barcelona, Spain. **Professor**, Industrial Organization, in English.
- 1998: Universidad Autónoma de Barcelona. Master in Health Economics, Hospital Vall d’Hebron, Barcelona, Spain. **Professor**, Introduction of Health Economics, in Spanish.

1991 – 1992: Universidade Nova de Lisboa. Lisbon, Portugal.
Teaching Assistant, Introduction to Microeconomics, Microeconomics and Investments and Financial markets, in Portuguese.

PARTICIPATION IN CONFERENCES:

- April 2012: Conference on the Economics of Interactions and Culture, Rome, Italy.
- July 2011: 5th annual conference of the Portuguese Economic Journal (Aveiro, Portugal)
- May, 2011: III Workshop in Gender Economics (Barcelona, Spain)
- July 2010: II edition of the Health Econometrics Workshop Conference, Rome, Italy
- June 2010: 3rd Conference of the American Society of Health Economists (ASHEcon), Ithaca, NY, USA
- October 2009: 11th annual conference of the Portuguese Health Economics Association (APES), Porto, Portugal.
- September 2009: EARIE - European Association for Research in Industrial Economics 36th annual conference – conference, Ljubljana, Slovenia
- August 2009: Congress of the European Economic Association (EEA), Barcelona
- June 2009: 3rd annual conference of the Portuguese Economic Journal – Funchal (Portugal)
- September 2008: EARIE- European Association for Research in Industrial Economics 35th annual conference – Toulouse (France).
- July 2008: Second annual conference of the Portuguese Economic Journal – Évora (Portugal)
- October 2007: Fourth Symposium of the Network Economics of Education and Education Policy in Europe, organized by the CEPR – Madrid (Spain)
- September 2007: EARIE- European Association for Research in Industrial Economics 34th annual conference – Valencia (Spain).
- June 2007: 1st Meeting of the Portuguese Economic Journal, Ponta Delgada (Portugal)
- August 2006: EARIE – European Association for Research in Industrial Economics 33rd annual conference– Amsterdam.
- August 2006: 21st Annual Congress of the European Economic Association, Vienna.
- November 2005: 9th annual conference of the Portuguese Health Economics Association (APES), Coimbra, Portugal.
- October 2005: Industrial Organization and Competition Policy, Fundación Ramón Areces. Madrid
- September 2005: XXI Jornadas de Economía Industrial, Bilbao.
- August 2005: 20th Annual Congress of the European Economic Association, Amsterdam.
- July 2005: iHEA International Health Economics Association 5th bi-annual conference, Barcelona
- June 2005: IDEI Conférence en l'honneur de Jean-Jacques Laffont, Toulouse.
- September 2004: XX Jornadas de Economía Industrial, (Granada, Spain).
- August 2004: 19th Annual Congress of the European Economic Association, Madrid.

- January 2004: CEPR conference “Competition and Coordination in the Electricity Industry,” Toulouse, France.
- June 2003: 8th annual conference SpIE, Lisbon.
- June 2003: Industrial and Health Economics: a love story, Workshop, Barcelona.
- May 2003: 4th CEPR Conference on Applied Industrial Organization, Leuven, Belgium.
- September 2002: EARIE – European Association for Research in Industrial Economics 29th annual conference– Madrid (Spain).
- May 2002: Conference on “Microeconomic Models and Simulation Tools for Fiscal Policy,” IEF, Madrid.
- August 2001: EARIE – European Association for Research in Industrial Economics 28th annual conference– Dublin (Ireland).
- July 2001: IHEA – International Health Economics Association 3rd international conference, York (U.K.).
- November 2000: ASSET conference, Lisbon, Portugal.
- October 2000: Latin American and Caribbean Economic Association conference, Rio de Janeiro, Brazil.
- September 1999: Jornadas de Economía Industrial, Madrid, Spain.
- July 1999: Workshop on Industrial Organization, Universidade de Vigo
- August 1998: Latin American Meetings of the Econometric Society, Lima, Peru.
- October 1997: International Conference on Health Economics, Évora, Portugal.

INVITED SEMINARS

- December 2011: IV Workshop Economía de la Salud y Envejecimiento, Fedea 1-2
December, 2011
- April 2011: Faculdade de Economia do Porto (Portugal)
- October 1, 2010: CEMFI (Madrid)
- May 2010: Universidad Autónoma de Madrid, Departamento de Análisis Económico:
Economía Cuantitativa (Spain)
- January 2010: Faculdade de Economia do Porto (Portugal)
- January 2009: IV congreso de la Asociación Española para la Economía Energetica
(Seville, Spain)
- May 2008: Industrial Organization and Health Workshop, IESE Business School,
Barcelona
- November 2007: Faculdade de Economia do Porto (Portugal)
- March 2007: Autoridad da Concorrência (Portuguese competition authority).
- February 2007: 12th Congress of the Sociedad Española de Toxicomanías, Barcelona.
- November 2006: University College London
- October 2005: Universidad de Vigo.
- June 2005: Policy Evaluation Workshop day, CEMFI, Madrid
- February 2005: Universidad Carlos III de Madrid: 1-day conference of “Experts on
Statistical indicators and data bases on pharmaceuticals”
- October 2004: Universidade Nova de Lisboa (Lisbon, Portugal)
- May 2004: CEMFI, Madrid.
- April 2004: University of Michigan, Department of Economics.
- March 2004: University of Essex, Dept. Economics, (UK)
- March 2004: Institute for Fiscal Studies (London, UK)
- February 2004: City University (London, UK).
- April 2002: “Seminario de Madrid,” Universidad Carlos III de Madrid.
- March 1999: Universidad Complutense, Madrid, Spain.
- February 1999: Fundación Empresa Pública, Madrid, Spain.

OTHER PROFESSIONAL ACTIVITIES

Associate Editor: SERIEs Journal of the Spanish Economic Association (2010-)
Spanish Economic Review (2006-2009).

Executive Committees: European Association for the Research in Industrial Economics
(EARIE) (2005-2010).

Scientific Committees: **EEA** - European Economic Association annual conference
(2009); Arrow Award (granted by iHEA) Committee (2008-2011),
EARIE annual conference (2010, 2009, 2008, 2007, 2006, 2005, 2002);
iHEA (international Health Economics Association) biannual conference
(2007, 2005); Simposio de Análisis Económico (2009, 2008, 2007),
European Conference on Health Economics (2008), Conferência anual da
Associação Portuguesa da Economia da Saúde (2011, 2009), Jornadas de
la Asociación de la Economía de la Salud (2007).

Referee: Rand Journal of Economics (2006, 1995), Journal of the European Economic Association (2008, 2007, 2004), Journal of Applied Econometrics (2005), Labour Economics (2011), International Journal of Industrial Economics (2005), Economic Inquiry (2010), Energy Journal (2009, 2006, 2005), Empirical Economics (2011, 2004), Journal of Industrial Economics (2007, 2004, 2003), Journal of Health Economics (2002), Economics of Governance (2000), European Economic Review (2001, 2000, 1999, 1998), European Journal of Health Economics (2006), Energy Economics (2008, 2006), Journal of Economic Behaviour and Organization (2008), Spanish Economic Review (2009, 2005, 2003), Investigaciones Económicas (2007, 2004, 1999, 1998), SERIEs (2011, 2010), Revista de Economía Aplicada (2001, 1999, 1998).

Advisor of PhD Dissertations:

2011: Maria Dolores de la Mata

Discussant: XXI Jornadas de Economía Industrial (Bilbao, 2005).
XX Jornadas de Economía Industrial (Granada, 16-17 September 2004).
International Health Economics Conference Workshop (Hong Kong, March 11-12, 2002)
2nd Health Economics Workshop (Lisbon, 15-16 February 2002).
CEPR conference on Empirical Industrial organization (Lisbon, 2000).
“XV Jornadas de Economía Industrial,” September Madrid, 1999.
“XIV Jornadas de Economía Industrial,” 24-25 September Madrid, 1998).
“Jornadas sobre Regulación y Política de Competencia en Industrias de Red,” Barcelona, June 1998
ASSA Meetings, Chicago (January 1998)

Other:

Project evaluator:

2012: Project Expert Evaluator for the Ministry de Economía y competitividad (Spain).

2011: Project Expert Evaluator for the Ministry of Science and Innovation (Spain) (Experta Evaluadora para la Comisión de Fundamentos de Análisis Económico del Ministerio de Ciencia e Innovación)

2008, 2007, 2006: Ministerio de Educación y Ciencia (ANEP) – Ayudas para la Realización de Proyectos de Investigación en Humanidades y Ciencias Sociales.

2006, 2005: Fundación Ramón Areces

2002: Spanish Ministry of Science and Technology

Member of the Consejo Consultivo Internacional of the Revista Economía of the Departament of Economics, Pontificia Universidad Católica del Perú.

Hiring committee for the Department of Economics Univ. Carlos III de Madrid, (North American interviews: New Orleans (2001), Atlanta

(2002), Washington (2003), Philadelphia (2005); Spain interviews: Salamanca (2002).

Member of the Organizing Committee: Industrial Organization and Competition Policy, Fundación Ramón Areces (2005); Jornadas de la Economía de la Salud (2007), EARIE 29th conference (2002).

Dissertation advisor of Natalia Jorgensen and Dolores de la Mata (uc3m)

M.A. Thesis Advisor of Natalia Jorgensen (UC3M, 2006), Victoria Villanueva, (CEMFI, 2005), and Angel Marcos Vera (Universidad Autónoma de Barcelona, IDEA Graduate Program in Economics 1998).

Member of the Master Thesis Evaluation Committee, (Graduate Program in Economics), Universidad Autónoma de Barcelona (1998).

Member of the Doctoral Thesis Tribunal: Univ. Nova de Lisboa: Jorge Sousa (2005); Universidad Autónoma de Barcelona: Aida Tavares (2008), Helmut Azacis (2006), Marcos Vera-Hernández (2001), Andrés Romeu (2000), Lluís Bru (1999), and of Izabella Jelovak (1998).
Faculdade de Economia do Porto: Ana Borges (2008).

Member of jury for the best student paper in the Portuguese Association of Health Economics, 2009, 2005 and 2003.

Moderator on videoconference on “Incentives to innovate in the Pharmaceutical Industry,” September 2002

IN THE PRESS:

Interview in Diário Económico, February 16, 2009 (in Portuguese)

Interview EXIT - nº 10 Oct-Dec 2006 "10 olhares sobre a toxicoddependência"
<http://www.dianova.pt/downloads/EXITOlhares.pdf>

“Os Sistemas Eléctricos Português e Espanhol” published in Jornal de Negócios, October 27, 2005, in Portuguese.