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EDUCATION

2003, *Ph.D. in Economics*, Centro de Estudios Monetarios y Financieros (CEMFI) and Universidad Complutense
2000, M.Sc. in Econometrics and Mathematical Economics. The London School of Economics and Political Science
1999, M.Sc. in Economics and Finance, CEMFI
1997, B.A. in Economics, Universidad Carlos III de Madrid

ACADEMIC POSITIONS

2011-present, *Associate Professor (with tenure) at the Department of Economics*, Universidad Carlos III de Madrid, Spain. (Professor Titular de Universidad since 10/11/2017)
2018 – 2019, *Academic Visitor at Department of Economics*, University of Toronto, Toronto, Canada
2015, *Academic Visitor at Nuffield College*, University of Oxford, Oxford, UK
2008-2009, *Visiting Scholar at the Department of Economics*, Massachusetts Institute of Technology, MA, USA
2004-2011, *Assistant Professor at the Department of Economics*, Universidad Carlos III de Madrid, Spain
2003-2004, *Post-doc. as Visiting Assistant Research Professor at CAM-Institute of Economics*, University of Copenhagen, Denmark

RESEARCH INTERESTS

Micro-Econometrics; Non-linear Panel Data Econometrics; Dynamic Stochastic Discrete Choice Models; Evaluation of Public Policies; Economics of Education; Labor and Demographic Economics.

RESEARCH WORKS

Publications

- “Estimation of Dynamic Nonlinear Random Effects Models with Unbalanced Panels”, joint with Pedro Albarrán and Raquel Carrasco. *Oxford Bulletin of Economics and Statistics*, 81(6):1424-1441. doi: 10.1111/obes.12308 (Cites: 13 in Google Scholar)
- “Evaluating a bilingual education program in Spain: the impact beyond foreign language learning”, joint with Brindusa Anghel and Antonio Cabrales. *Economic Inquiry* 54 (2):1202-1223, 2016. (Cites: 20 in Web of Science-JCR; 81 in Google Scholar)
- “State dependence and heterogeneity in health using a bias corrected fixed effects estimator”, joint with Alejandra Traferri. *Journal of Applied Econometrics* 29: 181- 207 (lead article), 2014. (Cites: 4 in Web of Science-JCR; 35 in Google Scholar)
- “Dynamic binary outcome models with maximal heterogeneity”, joint with Martin Browning. *Journal of Econometrics* 178:805-823, 2014. (Cites: 9 in Web of Science- JCR; 26 in Google Scholar)
- “The identification of a mixture of first order binary Markov Chains”, joint with Martin Browning. *Oxford Bulletin of Economics and Statistics*, 75: 455-459, 2013. (Cites: 1 in Web of Science-JCR; 4 in Google Scholar)
- “Heterogeneity in dynamic discrete choice models”, joint with Martin Browning, *The Econometrics Journal*, 13: 1-39 (leading article), 2010. (Cites: 13 in Web of Science- JCR, 41 in Google Scholar)
- “Estimating dynamic panel data discrete choice models with fixed effects”. *Journal of Econometrics* 140:503-528, 2007. (Cites: 51 in Web of Science-JCR, 182 in Google Scholar)
- “Heterogeneity and microeconometrics modeling”, joint with Martin Browning; in *Advances in Economics and Econometrics, Theory and Applications*, Ninth World Congress, Volume 3, edited by R. Blundell, W. Newey, and T.

Persson. Cambridge University Press, 2007. (Cites: 93 in Google Scholar, 25 of which are in journals included in the JCR)

- "A Dynamic Model of Contraceptive Choice of Spanish Couples", joint with Pedro Mira. Journal of Applied Econometrics 21: 955-980, 2006. (Cites: 7 in Web of Science-JCR, 31 in Google Scholar)

Impact Summary

- According to the information about me in Web of Science (or Google Scholar in brackets): Total Sum of times cited: 81 (557)
- Average citations per year during the last 5 years (excluding 2020): 10.2 (47.8)
- Number of publications in the first quartile (Q1) of the JCR, SSCI: 3 h index: 5 (9)

Working Papers Under Review and Unpublished Manuscripts

- "Identification of Average Marginal Effects in Fixed Effects Dynamic Discrete Choice Models", joint with Victor Aguirregabiria. 2020, mimeo.
- "Using Stata to Estimate Dynamic Probit Random Effects Models with Unbalanced Panels", joint with Pedro Albarran and Raquel Carrasco. 2020, mimeo.
- "Transmission of preferences and beliefs about female labor market participation: direct evidence on the role of mothers", joint with Ricardo Mora and Matilde Machado. Working Paper 14-21, Economic Series, Departamento de Economía, UC3M.
- "Correcting the bias in the estimation of a dynamic ordered probit with fixed effects of self-assessed health status", joint with Alejandra Traferri. Working Paper 09-40, Economic Series, Departamento de Economía, UC3M. (Cites: 8 in Google Scholar) A significantly revised version of this paper, entitled "State dependence and heterogeneity in health using a bias corrected fixed effects estimator", has been published at the Journal of Applied Econometrics.
- "Intertemporal Female Labor Force Participation With Non-Exogenous Children", 2007. mimeo.

FELLOWSHIPS AND SCHOLARSHIPS

- International Outgoing Marie Curie Fellowship (Call: FP7-PEOPLE-2007-4-1-IOF). European Commission. 2008-2010.
- Ph.D. scholarship from CEMFI. 2000-2003.
- Bank of Spain Graduate Scholarship. 1999-2000.
- Master's scholarship from CEMFI. 1997-1999.

RESEARCH GRANTS

Research Grant "El inicio de la participación laboral femenina y el papel de las transferencias intergeneracionales de capital humano". Fundación Ramón Areces. Project Head: Ricardo Mora. 2007-2009.

Research Grants from Ministerio de Educación y Ciencia:

SEJ 2005-08783, Project Heads: Sergi Jimenez and Jose M^a Labeaga 2006-2007.

SEJ 2006-05710, Project Head: Cesar Alonso, 2007-2009.

ECO 2009-11165, Project Head: Raquel Carrasco, 2010-2012.

ECO2012-31358, Project Head: Raquel Carrasco, 2013-2015.

ECO2015-65204-P, Project Head: Raquel Carrasco, 2016-2018.

2019/00417/001, I am the Project Head together with R. Carrasco, 2019-2022.

RTN EU-Project on the Economics of Aging. Young Researcher. 2003-2006.

SEMINAR AND CONFERENCE PRESENTATIONS

- 2020 World Congress of the Econometric Society, local organizer University of Milan, August 2020.
- Seminar, HEC-Montreal, Montreal, November 2018.
- Econometrics Seminar, Nuffield College & Department of Economics, University of Oxford, November 2015.
- EEA-ESEM: 28th Annual Congress of the European Economic Association, Gothenburg, Sweden, August 2013.
- 2013 Asian Meeting of the Econometric Society, Singapur, August 2013.
- SEG-UTL, School of Economics and Management – Technical University of Lisbon, Portugal, April, 2013.
- XXXVII Simposio de la Asociación Española de Economía, Vigo, Diciembre 2012.
- XXXVI Simposio de la Asociación Española de Economía, Málaga, Diciembre 2011.
- XXXV Simposio de la Asociación Española de Economía, Madrid, Diciembre 2010.



- Lincoln College Applied Microeconometrics Conference, University of Oxford, July 2010.
- Econometrics Seminar, University of Perugia, Italy, December 2009.
- Econometrics Seminar, EIEF, Rome, October 2009.
- Department of Economics, Indiana University, Bloomington. April 2009.
- Econometrics Seminar, Dept. of Economics, Boston University. November 2008.
- MIT/Harvard Econometrics Workshop. Cambridge. October 2008.
- 62th Econometric Society European Meeting, August 2007. Budapest, Hungary.
- Econometrics Seminar. Universidad de Alicante, May 2007. Alicante, Spain.
- 7th workshop of the RTN on the Economics of Ageing, October 2005, Venice.
- 12th International Panel Data Conference, June 2005, Copenhagen.
- Lunch time Seminar. CEMFI, Madrid. May 2005.
- 59th Econometric Society European Meeting, August 2004. Madrid, Spain.
- University of Mannheim, July 2004. Mannheim, Germany.
- Zeuthen Workshop. CAM (University of Copenhagen). November 2003.
- European Winter Meeting of the Econometric Society, October 2003. Madrid, Spain.
- Universitat Pompeu Fabra. February, 2003. Barcelona, Spain.
- Workshop on nonlinear panel data models at CAM, University of Copenhagen. January 2003.
- Department of Economics. Universidad de Alicante, January 2003. Alicante, Spain.
- Simposio de Análisis Económico. December 2002. Salamanca, Spain.
- Conference of the Network of Excellence: "The Evaluation of Labour Market Policies". October 2002. Amsterdam, The Netherlands.
- 57th Econometric Society European Meeting. August 2002. Venice, Italy.
- Institute for Fiscal Studies (IFS), London, UK, May 2002.
- Workshop on Applied Microeconometrics, Universidad Carlos III, April 2002.
- The Sixth Annual Meeting of the Latin American and Caribbean Economic Association, October 2001. Montevideo, Uruguay.
- 56th Econometric Society European Meeting, August 2001. Lausanne, Switzerland.

TEACHING EXPERIENCE

Courses taught at Universidad Carlos III de Madrid:

- Microeconometrics, Ph.D. level (Master in Economic Analysis): years 2010/2011 to 2017/18, and 2019/20.
- Economics of Education, undergraduate level: years 2004/05 to 2007/08, 2009/10 to 2017/18, and 2019/20.
- Policy Evaluation, undergraduate level: years 2014/15 to 2017/18, and 2019/20.
- Econometrics I, undergraduate level; years 2004/05 to 2007/08, and 2011/12.
- Introductory course on econometric software and programming, for interested Ph.D. students at UC3M; 2005/06 and 2006/07.

Courses taught at other places:

- Econometrics, Master in Economics, CEMFI. 2012/13, and 2013/14.
- Course taught at University of Copenhagen: Part of Advanced Microeconometrics at the graduate level. 2003/04
- Teaching Assistantship: Econometrics (graduate Level), Professor Manuel Arellano CEMFI, 2002.
- Teaching Assistantship: Computer courses on Stata, Scientific Work Place and DPD; CEMFI 2001 to 2002.
- Ph. D. Thesis supervised or being supervised at Universidad Carlos III de Madrid:
 - Anett Erdmann (Thesis defended in July 2015)
 - Mian Huang (Thesis defended in December 2015)
 - Elizaveta Pronkina (expected June 2021) Number of Master Thesis Supervised: 6
 - Number of Bachelor Thesis supervised: 11

ACADEMIC AND PROFESSIONAL SERVICE

- Part of the examining committee of the following Ph.D. Thesis: F. Alfonso Arellano Espinar (UC3M, 2005); Cristina Lopez-Mayan (CEMFI-UIMP, 2010); Pablo Lavado (CEMFI-UIMP, 2012); Yunrong Li (UC3M, 2014); Jan Bietenbeck (CEMFI-UIMP, 2015); Elena Manresa (CEMFI-UIMP, 2015); Lucciano Villacorta (CEMFI-UIMP, 2015);
- Academic Secretary of the Department from 1 September 2012 to 30 September 2014.
- In charge of the coordination with the University's Library, from August 2010 to September 2012.
- Teaching Coordinator of Economics of Education at Universidad Carlos III, since 2007/08 until now.
- Part of the recruitment committee of the Department of Economics (UC3M) interviewing at the ASSA meetings in New Orleans, January 2008, and at the SAEe in Madrid December 2010.
- Co-organizer of the Econometrics Seminar at Universidad Carlos III. 2006/07.
- Co-organizer of the Policy Evaluation Workshop, a joint workshop of Universidad Carlos III, CEMFI and the Bank of Spain. 2006/07, 2007/08, 2009/10.
- More than 60 referee reports for the following journals: B.E. Journal of Economic Analysis and Policy, Demographic Research, Econometric Reviews(2), Econometric Theory(3), Econometrica, Econometrics Journal, Econometrics, Economic Journal, Economic Modelling, Economics and Human Biology, Empirical Economics, European Economic Review (2), International Journal of Bilingual Education and Bilingualism(2), International Journal of Forecasting, Investigaciones Económicas (3), Journal of Applied Econometrics (7), Journal of Business and Economic Statistics (6), Journal of Health Economics, Journal of Human Capital, Journal of Econometrics (13), Oxford Bulletin of Economics and Statistics(4), Oxford Economic Papers, PLoS ONE, Quantitative Economics, Review of Economic Studies (6), Review of Economics and Statistics(3), Statistical Methods and Applications (2), Statistics and Probability Letters;
- External project's evaluator for the following official agencies: ANEP (22), Agencia Andaluza de Evaluación.