

# FELIX MUÑOZ-GARCIA

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## EDUCATION

Ph.D. in Economics. University of Pittsburgh, PA. August 2008.

M.Sc. in Economics (with Honors). University of Barcelona, Spain. June 2002.

B.A. in Economics. University of Barcelona, Spain. June 2000.

## RESEARCH INTERESTS

**Primary:** Industrial Organization and Game Theory.

**Secondary:** Public and Environmental Economics.

## EXPERIENCE

- Associate Professor. Washington State University, School of Economic Sciences. August 2014–present.
- Assistant Professor. Washington State University, School of Economic Sciences. August 2008–2014.
- Visiting Professor. University of Granada, Spain. 2009 (June-July).
- Instructor. University of Pittsburgh, Department of Economics. 2006–2007.
- Teaching Assistant. Department of Economics and Katz Graduate School of Business, University of Pittsburgh. 2004–2007.
- Research Fellow. University of Barcelona, and Barcelona Institute of Economics. Barcelona, Spain. 2001–2003.

## PUBLICATIONS

1. “The Signaling Role of Subsidies,” with Ana Espinola-Arredondo. Forthcoming in *The B.E. Journal of Economic Analysis and Policy*.
2. “Can Poorly Informed Regulators Hinder Competition?” with Ana Espinola-Arredondo. Forthcoming in *Environmental and Resource Economics*.
3. “Why do Firms Oppose Entry-Detering Policies? Environmental Regulation and Entry Deterrence” with Ana Espinola-Arredondo. Forthcoming in *Environment and Development Economics*.
4. “Cooperation and Signaling with Uncertain Social Preferences,” with John Duffy. Forthcoming in *Theory and Decision*.
5. “The Entry-Detering Effects of Inflexible Regulation,” with Ana Espinola-Arredondo and Jude Bayham. *Canadian Journal of Economics*, 2014, 47(1), pp. 298-324.

6. "Asymmetric Information may Protect the Commons: The Welfare Benefits of Uninformed Regulators," with Ana Espinola-Arredondo. *Economics Letters*, 2013, 121(3), pp. 463-67.
7. "Capacity Constrained Firms and Expansion Subsidies: Should Governments Avoid Generous Subsidies?," with Gulia Zaynutdinova. *Journal of Industry, Competition and Trade*, 2013, 13(4), pp. 563-97.
8. "Don't Forget to Protect Abundant Resources," with Ana Espinola-Arredondo. *Strategic Behavior and the Environment*, 2013, 3(4), pp. 251-278.
9. "When does Environmental Regulation Facilitate Entry-Deterring Practices?," with Ana Espinola-Arredondo. *Journal of Environmental Economics and Management*. 2013, 65(1), pp. 133-152.
10. "Uncovering Entry Deterrence in the Presence of Learning-by-Doing," with Ana Espinola-Arredondo. *Journal of Industry, Competition and Trade*, 2013, 13(3), pp. 319-338.
11. "When do Firms Support Environmental Agreements?" with Ana Espinola-Arredondo. *Journal of Regulatory Economics*, 2012, 41(3), pp. 380-401.
12. "Patience or Fairness? Analyzing Social Preferences in Repeated Games," with John Duffy. *Games*, 2012, 3, pp. 56-77.
13. "When Should a Firm Expand its Business? The Signaling Implications of Business Expansions" with Esther Gal-Or and Ana Espinola-Arredondo. *International Journal of Industrial Organization*, 2011, 29, pp. 729-45.
14. "Can Incomplete Information Lead to Underexploitation in the Commons?" with Ana Espinola-Arredondo. *Journal of Environmental Economics and Management*, 2011, 62, pp. 402-13.
15. "Risk Aversion in Auctions with Asymmetrically Informed Bidders: a 'Desensitizer' from Uncertainty," with Sandra Orozco-Aleman. *Economics Letters*, 2011, pp. 38-41.
16. "Competition for Status Acquisition in Public Good Games." *Oxford Economic Papers*, March, 2011, pp. 1-19.
17. "Free-riding in International Environmental Agreements: A Signaling Approach to Non-Enforceable Treaties," with Ana Espinola-Arredondo. *Journal of Theoretical Politics*, 2011, 23(1), pp. 111-34.

#### OTHER (PEER-REVIEWED) PUBLICATIONS

18. "A Systematic Presentation of Equilibrium Bidding Strategies to Undergraduate Students". Forthcoming in *Journal of Economics and Economic Education Research*.
19. "The Entry-Deterring Effects of Environmental Policy," with Ana Espinola-Arredondo. *Review of Environment, Energy and Economics*, January 2013.
20. "A Systematic Procedure for Finding Perfect Bayesian Equilibria in Incomplete Information Games," *The B.E. Journal of Industrial Organization Education*, vol. 6(1), article 8, 2012.
21. "The Intuitive and Divinity Criterion: Interpretation and Step-by-Step examples," with Ana Espinola-Arredondo. *The B.E. Journal of Industrial Organization Education*, vol. 5(1), article 7, 2010.
22. "Last-Chance Sales: What Makes them Credible?" with Heriberto Gonzalez. *Ensayos Revista de Economía*, vol. 28(1), 2009.

## BOOK CHAPTERS

- “Environmental Negotiations under Uncertainty,” with Ana Espinola-Arredondo. *Analyzing Global Environmental Issues: Theoretical and Experimental Applications and their Policy Implications*, Ariel Dinar and Amnon Rapoport, eds. Routledge Publishers, February 2013.
- “The Role of Information in the Tragedy of the Commons,” with Ana Espinola-Arredondo. *Analyzing Global Environmental Issues: Theoretical and Experimental Applications and their Policy Implications*, Ariel Dinar and Amnon Rapoport, eds. Routledge Publishers, February 2013.

## WORKING PAPERS

1. “Environmental Regulation: Supported by Polluting Firms, but Opposed by Green Firms?,” with Sherzod Akhundjanov.
2. “An Excessive Development of Green Products?,” with Ana Espinola-Arredondo.
3. “Unilateral and Bilateral Signaling in International Negotiations,” with Ana Espinola-Arredondo.
4. “International Coordination of Environmental Policies: Is it Always Worth the Effort?” with Ana Espinola-Arredondo and Jude Bayham.
5. “Explaining Hypothetical Bias Variations using Income Elasticity of Demand” with Tongzhe Li.

## PRESENTATIONS

- University of Montana, Department of Economics seminar, October 2013.
- Western Economic Association International, 88th Annual Conference, Seattle, June-July 2013.
- ASSA Annual Meeting, San Diego. January, 2013.
- Fourth Workshop on Game Theory in Energy, Resources and Environment. HEC Montréal, Canada. November 29-30, 2012.
- Washington State University, School of Economic Sciences seminars, 2009-2012.
- 10<sup>th</sup> International Industrial Organization Conference, George Mason University, Arlington, VA, March 16-18, 2012.
- 5<sup>th</sup> Conference on the Political Economy of International Organizations, Villanova University, June, 26-28, 2012.
- 8<sup>th</sup> Game Theory Practice Meeting at University of California, Riverside, July, 2011.
- 86th Annual Conference of the Western Economic Association International, San Diego, June 29-July 3, 2011.
- Universidad de Concepción, Chile, Department of Economics seminar, May 2011.
- 9<sup>th</sup> International Industrial Organization Conference, Boston, April 7-9, 2011.
- Summer Meeting of the Association of Environmental and Resource Economists (AERE), Seattle, June 9-10, 2011.
- Universidad Católica de Chile, Department of Economics seminar, Chile, May 2011.
- World Congress of Environmental and Resource Economists. Montréal, Canada. June 28<sup>th</sup>-July 2<sup>nd</sup>, 2010.
- ASSA Annual Meeting, Denver. January 8, 2011.

- Third Workshop on Game Theory in Energy, Resources and Environment. HEC Montréal, Canada. December 10-11, 2009.
- 17<sup>th</sup> Annual Conference of the European Association of Environmental and Resource Economics (EAERE), Amsterdam, The Netherlands, June 24-27, 2009.
- Second Workshop on Game Theory in Energy, Resources and the Environment. HEC Montréal, Canada. November 20-21<sup>st</sup>, 2008.
- SING5 Conference on Game Theory and Applications, Amsterdam, The Netherlands, July 1-3, 2009.
- 8<sup>th</sup> International Industrial Organization Conference, Boston, April 3-5, 2009.
- Invited seminars at: Penn-State University, Washington State University, University of Pittsburgh, University of Alicante, University of Navarra, University of Granada, University of the Basque Country, IESE Business School, and University of the Balearic Islands, 2007.
- Meeting of the Spanish Economic Association, Granada, Spain. December 2007.
- SING3 Conference on Game Theory and Applications, Madrid, Spain, July 2007.
- Economic Science Association World Meeting, Rome, Italy, June 2007.
- Midwest Economics Association. 71<sup>st</sup> Annual Meeting, Minnesota. March, 2007.
- University of Barcelona-Barcelona Institute of Economics, Department seminar, July 2007.
- 17<sup>th</sup> Stony Brook Conference on Game Theory. New York, July 2006.

#### AWARDS AND FELLOWSHIPS

- Research Fellowship, Junta de Andalucía, Spain. 2009.
- Prize in Economic Research for the paper “Last-Chance Sales: What Makes them Credible?,” with Heriberto Gonzalez. Ensayos Revista de Economía and Universidad Autónoma de Nuevo León, México, 2009.
- Reuben E. Schlesinger Best 2nd year paper Award. University of Pittsburgh. Department of Economics, 2006.
- Research Fellowship. University of Pittsburgh, 2006-2008.
- Excellence in Teaching Award. University of Pittsburgh/Theta-Phi-Alpha Sorority. Intermediate Microeconomics. 2006.

#### PROFESSIONAL SERVICE

*School of Economic Sciences, Washington State University:*

- Member, Undergraduate Studies Awards Committee, 2012-present.
- Member, Faculty Job Search Committee, 2012-2014.
- Member, Graduate Student Placement Seminar. 2008-present.
- Member, Ph.D. Qualifying Examinations Committee. 2008-present.
- Member, Director Advisory Committee, 2011.
- Economics Club Advisor. 2009-present.

*Referee Service:*

European Economic Review, Journal of Economics and Management Strategy, Journal of Economic Behavior and Organization, Mathematics of Operations Research, Economic Inquiry, Journal of Environmental Economics and Management, Ecological

Economics, International Game Theory Review, Environmental and Resource Economics, Environment and Development Economics, Journal of Agricultural and Resource Economics, Oxford Economic Papers, PLoS One, Defense and Peace Economics, and Ensayos Revista de Economia (also member of its editorial board).

*Book Reviews:*

- *Microeconomic Theory*. Andreu Mas-Colell, Michael D. Whinston and Jerry R. Green, 2<sup>nd</sup> edition. Oxford University Press;
- *Games, Strategies, and Decision Making*. Joseph E. Harrington. 2<sup>nd</sup> edition. Worth Publishers;
- *Microeconomics*, Jeffrey Perloff, 7<sup>th</sup> edition, Addison Wesley-Pearson; and
- *Microeconomics*, Austan Goolsbee, Steven Levitt and Chad Syverson, 1<sup>st</sup> edition, Worth Publishers.
- Intermediate Microeconomics course (Econ201) for the Saylor Foundation.

*Students Advised:*

- As Ph.D. Committee Member: Jude Bayham, Sherzod Akhundjanov (Co-chair), Gulnara Zaynutdinova, Bing Han, Tongzhe Li, and Lyliana Gayoso.
- As M.A. Committee Member: Andrew Erickson, and Kevin Graham.

## TEACHING PROGRAM

INSTRUCTOR. *Washington State University, Pullman, WA.*

- Advanced Microeconomic Theory - I (Ph.D.) 2008-2013.
- Advanced Microeconomic Theory - II (Ph.D.) 2014.
- Intermediate Microeconomics with Calculus. 2010-2014.
- Strategy and Game Theory. Fall 2009, and Spring 2011-2014.
- Introduction to Microeconomics. Fall 2009.

INSTRUCTOR. *University of Pittsburgh, Pittsburgh, PA.*

- Game Theory. Summer 2007 and Summer 2006.
- Intermediate Microeconomics. Spring 2006.

## PROFESSIONAL MEMBERSHIP

- American Economic Association, Industrial Organization Society, European Economic Association, Southern Economic Association, and Association of Environmental and Resource Economists.