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CURRICULUM VITAE

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Education

- 1961-1966 Undergraduate Student
Facultat de Ciències Econòmiques
Universitat de Barcelona
Degree ("*Llicenciatura*") granted: 1966
- 1968-1973 Graduate Student
Department of Economics
University of Minnesota
Degree (Ph.D.) granted: 1973
Major Thesis Advisor: Professor John S. Chipman

Academic Positions

- 1973-1977 *Professor Adjunt de Teoria Econòmica*
Universitat Autònoma de Barcelona
- 1977-1978 Visiting Scholar
University of California, Berkeley
- 1979-1982 *Professor Agregat de Teoria Econòmica*
Catedràtic de Teoria Econòmica
Universitat Autònoma de Barcelona
- 1982-1983 Visiting Professor
University of California, San Diego
- 1983-present Professor
University of California, Davis
- Spring 2009 Visiting Professor

Universitat Pompeu Fabra, Barcelona

Publications

1. 1977 Joaquim Silvestre, "General Monopolistic Equilibrium under Non-Convexities," *International Economic Review* 18(2), 425-434.
2. 1977 Joaquim Silvestre, "A Model of General Equilibrium with Monopolistic Behavior," *Journal of Economic Theory* 16(2), 425-442. December (previous version presented at the European Meetings of the Econometric Society, Oslo, 1973).
3. 1978 Joaquim Silvestre, "Increasing Returns in General Non-Competitive Analysis," *Econometrica* 46(2), 397-402.
4. 1980 Joaquim Silvestre, "Continua of Hahn-Unsatisfactory Equilibria: Some Examples," *Economics Letters* 5(3), 201-208.
5. 1982 Joaquim Silvestre, "Fixprice Analysis in Exchange Economies," *Journal of Economic Theory* 26(1), 28-58 (previous version presented at the 4th World Congress of the Econometric Society, Aix-en-Provence, 1980).
6. 1982 Joaquim Silvestre, "Ambiguities in the Sign of Excess Effective Demand by Firms," *Review of Economic Studies* 49(4), 645-651 (previously presented at the European Meetings of the Econometric Society, Athens, 1979).
7. 1983 Joaquim Silvestre, "Fixprice Analysis with Intermediate Goods," *International Economic Review* 24(2), 485-492.
8. 1983 Joaquim Silvestre, "Fixprice Analysis in Productive Economies," *Journal of Economic Theory* 30(2), 401-409. Reprinted as Chapter 8 in Jean-Pascal Bénassy, editor (2006) *Imperfect Competition, Nonclearing Markets and the Business Cycle*, Cheltenham, UK: Edward Elgar.
9. 1984 Joaquim Silvestre, "Voluntariness and Efficiency in the Production of Public Goods," *Journal of Public Economics* 24, 249-256.
10. 1985 Joaquim Silvestre, "Voluntary and Efficient Allocations Are Walrasian," *Econometrica*, 53(4), 807-816 (previously presented at the European Meetings of the Econometric Society, Madrid, 1984).
11. 1986 Joaquim Silvestre, "The Elements of Fixprice Microeconomics," in Larry Samuelson, Editor, *Microeconomic Theory*, Cambridge, MA: Kluwer-Nijhoff.
12. 1988 Joaquim Silvestre, "Economies and Diseconomies of Scale," in John Eatwell, Murray Milgate and Peter Newman, Editors, *The New Palgrave*, London: Macmillan Press.
13. 1988 Joaquim Silvestre, "Fixprice Models," in John Eatwell, Murray Milgate and Paul Newman, Editors, *The New Palgrave*, op. cit, reprinted in John Eatwell,

- Murray Milgate and Peter Newman (1989), *General Equilibrium*, London: Macmillan, The New Palgrave Series, 1989.
14. 1988 Joaquim Silvestre, "Undominated Prices in the Three Good Model," *European Economic Review* 32, 161-178 (previous version presented at the Latin-American Meetings of the Econometric Society, Mexico 1982).
 15. 1989 Joaquim Silvestre, "Who Benefits from Unemployment?" in George R. Feiwel, Editor, *The Economics of Imperfect Competition and Employment: Joan Robinson and Beyond*, London: Macmillan Press.
 16. 1989 Joaquim Silvestre (with Andreu Mas-Colell), "Cost Share Equilibria: A Lindahlian Approach," *Journal of Economic Theory*, 47(2), 239-256 (previous version presented at the 5th World Congress of the Econometric Society, MIT: Cambridge, MA, 1985)
 17. 1990 Joaquim Silvestre, "There May Be Unemployment When the Labor Market is Competitive and the Output Market Is Not," *Economic Journal*, 100(402), 899-913 (previous version presented at the Latin-American Meetings of the Econometric Society, San Jose, Costa Rica, 1988).
 18. 1991 Joaquim Silvestre (with Andreu Mas-Colell), "A Note on Cost-Share Equilibrium and Owner-Consumers," *Journal of Economic Theory* 54(1), 204-214.
 19. 1991 Joaquim Silvestre (with Paul Madden), "Imperfect Competition and Fixprice Equilibria when Goods Are Gross Substitutes," *Scandinavian Journal of Economics* 93(4), 479-494.
 - 20a. 1991 Joaquim Silvestre i Benach, (in Catalan) "*La desocupació: una anàlisi basada en el poder monopolístic*," ("Unemployment: An analysis based on monopoly power"), Chapter 16 in Ramon Marimon and Xavier Calsamiglia, editors, *Invitació a la Teoria Econòmica* ("An Invitation to Economic Theory") Barcelona: Ariel.
 - 20b. 1991 Joaquim Silvestre i Benach, "*El paro: un análisis basado en el poder monopolístico*," Chapter 16 in Ramon Marimon and Xavier Calsamiglia, editors, *Invitación a la Teoría Económica*, Barcelona: Ariel (Spanish translation of 20a).
 21. 1992 Joaquim Silvestre (with Paul Madden), "Imperfect Competition and Fixprice Equilibria Under Consumer Aggregation and Net Substitutes," *Scandinavian Journal of Economics* 94(1), 103-111.
 22. 1992 Joaquim Silvestre (with John E. Roemer), "A Welfare Comparison of Public and Private Monopoly," *Journal of Public Economics* 48, 67-81 (previous version presented at the Allied Social Science Associations Meetings, Washington, D.C., December 1990)
 23. 1992 Joaquim Silvestre i Benach, (in Catalan) "*La influència dels economistes catalans amb doctorat nord-americà*" ("The Influence of Catalan Economists

with North American Ph. D's"), in *IV Jornades d'Estudis Catalano-Americans*, Comissió Amèrica-Catalunya, Generalitat de Catalunya.

24. 1992 Joaquim Silvestre, "Notes on the Non-Walrasian Approach to Macroeconomics," in Alessandro Vercelli and Nicola Dimitri, Editors, *Macroeconomics: A Survey of Research Strategies*, Oxford: Oxford University Press.
25. 1993 Joaquim Silvestre (with Ignacio Ortuño-Ortín and John E. Roemer), "Investment Planning in Market Socialism," in Samuel Bowles, Herbert Gintis and Bo Gustafsson, Editors, *Markets and Democracy: Participation, Accountability and Efficiency*, Cambridge: Cambridge University Press (previous version presented at the 6th World Congress of the Econometric Society, Barcelona, August 1990).
26. 1993 Joaquim Silvestre, "The Market-Power Approach to Macroeconomic Policy," *Journal of Economic Literature* 31(1), 105-141.
27. 1993 Joaquim Silvestre (with John E. Roemer), "The Proportional Solution in Economies with Both Private and Public Ownership," *Journal of Economic Theory* 59(2), 426-444 (previous version presented at the II Conference of the International Association for the Study of Common Property, Winnipeg, Manitoba, September 1991).
28. 1993 Joaquim Silvestre (with John E. Roemer), "Investment Policies and Market Socialism," in Pranab Bhardan and John E. Roemer, Editors, *Market Socialism: The Current Debate*, Oxford: Oxford University Press.
29. 1994 Joaquim Silvestre i Benach, "Economic Analysis of Public Ownership," *Investigaciones Económicas* 18(1), 19-66.
30. 1994 Joaquim Silvestre i Benach, "Public Ownership and Public Goods," *Revista Española de Economía* 2a. época, 11 (1), 101-138.
31. 1994 Joaquim Silvestre, "Coordination Problems at Negligible Degrees of Market Power," *European Economic Review* 38, 1487-1491.
32. 1995 Joaquim Silvestre, "Market Power and Macroeconomic Policy: New Developments," *Annales d'Économie et de Statistique* 37-38, 319-356.
33. 1995 Joaquim Silvestre i Benach, (in Catalan) "*Vessen les galledes d'Okun? Els conflictes entre equitat i eficiència*" ("Do Okun's Buckets Leak? Conflicts between Equity and Efficiency") *Anuari de la Societat Catalana d'Economia, Institut d'Estudis Catalans*.
34. 1997 Joaquim Silvestre, "An Efficiency Argument for Sustainable Use," in John E. Roemer, Editor, *Property Relations, Incentives and Welfare*, London: Macmillan Press.

35. 1997 Joaquim Silvestre (with Antoni Bosch-Domènech), "Credit Constraints in General Equilibrium: Experimental Results," *Economic Journal* 107(444), 1145-1464.
36. 1998 Joaquim Silvestre (with Louis Putterman and John E. Roemer), "Does Egalitarianism Have a Future?" *Journal of Economic Literature*, 36, 861-902.
37. 1998. Joaquim Silvestre, "Distributing the Benefits from the Commons: A Square-Root Formula," *Scandinavian Journal of Economics* 100(3), 627-642 (previous version presented at the III Conference of the International Association for the Study of Common Property, Washington D.C. September 1992).
38. 1999 Joaquim Silvestre, "External Diseconomies in the Commons," in James R. Melvin, James C. Moore and Raymond G. Riezman, Editors, *Trade, Theory and Econometrics: Essays in Honor of John S. Chipman*, London: Routledge.
39. 1999 Joaquim Silvestre (with Antoni Bosch-Domènech), "Does Risk Aversion or Attraction Depend on Income? An Experiment," *Economics Letters* 65(3), 265-273.
40. 2000 Joaquim Silvestre, "Surplus Analysis for Overlapping Generations" *Journal of Economic Dynamics and Control* 24(4), 623-650 (previous version, entitled "Quasilinear, Overlapping- Generations Economies," presented at the VII World Congress of the Econometric Society, Tokyo, August 1995.)
41. 2002 Joaquim Silvestre, "Progress and Conservation under Rawls's Maximin Principle," *Social Choice and Welfare* 19(1), 21-27.
42. 2002 Joaquim Silvestre (with John E. Roemer), "The Flypaper Effect Is not an Anomaly," *Journal of Public Economic Theory* 4(1), 1-17.
43. 2002 Joaquim Silvestre, "Differences Between Ex Ante and Ex Post Efficiency Under Identical Subjective Probabilities," *Economic Theory* 20(2), 413-425.
44. 2003 Joaquim Silvestre, "Wicksell, Lindahl and the Theory of Public Goods," *Scandinavian Journal of Economics* 105(4), 527-553 (previous version presented at the Arne Ryde Symposium, *The Wicksell Chair Centennial*, Trolleholm Castle, November 1-2, 2001).
45. 2006 Joaquim Silvestre (with Antoni Bosch-Domènech), "The Gain-Loss Asymmetry and Single-Self Preferences," *Advances in Mathematical Economics* 8, 87-134.
- 46a. 2006 Joaquim Silvestre (with Antoni Bosch-Domènech), "Do the Wealthy Risk More Money? An Experimental Comparison," in Christian Schultz and Karl Vind, Editors, *Institutions, Equilibria and Efficiency: Essays in Honor of Birgit Grodal*, Berlin: Springer-Verlag.
- 46b. 2011 Joaquim Silvestre (with Antoni Bosch-Domènech), "Evidència experimental sobre l'aversion i l'atracció al risc i les seves conseqüències teòriques i

pràctiques,” *Anuari de la Societat Catalana d’Economia* 19, 17-38 (Catalan translation of 46a)

47. 2006 Joaquim Silvestre i Benach, (in Catalan) *Microeconomia* (“Microeconomics”), Barcelona: Editorial UOC.
- 48a. 2006 Joaquim Silvestre (with Antoni Bosch-Domènech), “Reflections on Gains and Losses: A 2×2×7 Experiment,” *Journal of Risk and Uncertainty* 33, 217-235 (previous version presented at the IX World Congress of the Econometric Society, London, August 2005).
- 48b. 2007 Joaquim Silvestre (with Antoni Bosch-Domènech), “Reflections on Gains and Losses: A 2×2×7 Experiment,” *Cuadernos Aragoneses de Economía* 17(2), 2007, 299-323 (Spanish translation of 48a).
49. 2007 Joaquim Silvestre, "Fixprice Models," in Steven N. Durlauf and Lawrence E. Blume, Editors, *The New Palgrave Dictionary of Economics*, Second Edition, Houndmills, UK: Palgrave Macmillan.
50. 2007 Joaquim Silvestre, “Intergenerational Equity and Human Development,” in John E. Roemer and Kotaro Suzumura, Editors *Intergenerational Equity and Sustainability*, International Economic Association: IEA Conference Volume 143, London: Palgrave Macmillan.
51. 2007 Joaquim Silvestre (with Antoni Bosch-Domènech), (in Catalan) *L’aversió i l’atracció al risc i les seves conseqüències teòriques i pràctiques: Evidència experimental* (“*Risk Aversion and Attraction, and their theoretical and practical effects: Empirical Evidence*”) Barcelona: Societat Catalana d’Economia, Quaderns de Recerca 5.
52. 2008 Joaquim Silvestre, “The English Language and Economic Terminology: An Application to Catalan,” in M. Teresa Cabré, Carme Bach and Carles Tebé, Editors, *Literalidad y dinamicidad en el discurso económico*, Barcelona: Documenta Universitària, Sèrie Activitats 21. (Previous version presented at the VIth International Symposium on Terminology, Barcelona, July 9-12, 2007).
53. 2009 Joaquim Silvestre, “Negishi’s Vision: Market Power in General Equilibrium and in the Macroeconomy,” in Aiko Ikeo and Heinz Kurz, Editors, *A History of Economic Theory: Essays in Honour of Takashi Negishi*, London: Routledge.
54. 2010 Joaquim Silvestre (with Antoni Bosch-Domènech), “Averting Risk in the Face of Large Losses: Bernoulli vs. Tversky and Kahneman,” *Economics Letters* 107(2), 180-182.
55. 2010 Joaquim Silvestre (with Humberto Llavador and John E. Roemer), “Intergenerational Justice when Future Worlds Are Uncertain,” *Journal of Mathematical Economics* 46(5), 728-761.
56. 2011 Joaquim Silvestre, “Intergenerational Equity in a Warming Planet,” *Catalan International View* 9, 66-71.

57. 2011 Joaquim Silvestre (with Humberto Llavador and John E. Roemer), “A Dynamic Analysis of Human Welfare in a Warming Planet,” *Journal of Public Economics* 95(11-12), 1607-1620 (previous version presented at the American Economics Association Meetings, San Francisco, January 2009)
58. 2012 Joaquim Silvestre, “All but One Free Ride when Wealth Effects Are Small,” *SERIEs - Journal of the Spanish Economic Association* 3(1-2), 201-207.
59. 2012 Joaquim Silvestre (with Antoni Bosch-Domènech) (in Spanish) “*La organización de los mercados y el equilibrio competitivo*”, “Market Organization and Competitive Equilibrium,” Chapter 10 in Pablo Brañas Garza, Editor, *Economía Experimental y del Comportamiento*, pp. 177-210, Barcelona: A. Bosch Editor.
60. 2012 Joaquim Silvestre, *Public Microeconomics: Efficiency and Equity in Public Policy*, Cheltenham, UK: Edward Elgar.
61. 2013 Joaquim Silvestre (with Antoni Bosch-Domènech), “Measuring Risk Aversion with Lists: A New Bias,” *Theory and Decision* 75, 465-496. (Previous version presented at the 2012 SABE, Granada, July 2012). Published online October 2012.
62. 2013 Joaquim Silvestre (with Humberto Llavador and John E. Roemer), “Should We Sustain? And if so, Sustain What? Consumption or the Quality of Life?” in Roger Fouquet (ed.), *Handbook on Energy and Climate Change*, Edward Elgar.
63. 2014 Joaquim Silvestre “Utilitarianism and equality for quasilinear or Gorman-form preferences,” *Social Choice and Welfare* 42(2), 781-791. Published online August 3, 2013.
64. 2014 Joaquim Silvestre (with Humberto Llavador and John E. Roemer), “North-South convergence and the allocation of CO₂ emissions.” *Climatic Change*. Published online August 20, 2014.
65. 2015 Joaquim Silvestre (with Humberto Llavador and John E. Roemer) *Sustainability for a Warming Planet*. Cambridge, MA: Harvard University Press

Alternative Media

1. 2008 Joaquim Silvestre (with twenty five collaborators) in Pere Riera, editor (in Catalan), *Diccionari de les Ciències Ambientals* (“Dictionary of Environmental Sciences”), Barcelona: Institut d’Estudis Catalans, <http://cit.iec.cat/dca/>
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Limited Distribution

1. 1989 Joaquim Silvestre (with John E. Roemer), "Public Ownership: Three Proposals for Resource Allocation," University of California, Davis, Department of Economics Working Paper No. 307 (previous version presented at the Latin-American Meetings of the Econometric Society, Sao Paulo, 1987).
 2. 1991 Joaquim Silvestre (with Ignacio Ortuño-Ortin and John E. Roemer), "Appendix to Investment Planning in Market Socialism: The Proofs," University of California, Davis, Department of Economics Working Paper No. 356.
 3. 1992 Joaquim Silvestre i Benach, *Vocabulari Anglès-Català de termes econòmics*, ("English-Catalan Dictionary of Economic Terms,") *Universitat Pompeu Fabra*, Barcelona.
 4. 1997 Joaquim Silvestre i Benach, (in Catalan) "*Microeconomia*" (Microeconomics), *Universitat Oberta de Catalunya*, Barcelona.
 - 5a. 2005 Joaquim Silvestre i Benach (with Antoni Bosch-Domènech), *Ready to Take Risks? Experimental Evidence on Risk Aversion and Attraction*, *Els Opuscles del CREI 16, Centre de Recerca en Economia Internacional*, Barcelona.
 - 5b. 2005 Joaquim Silvestre i Benach (with Antoni Bosch-Domènech), (Catalan translation of 5a), *Preparats per prendre riscos? Evidència experimental sobre l'aversió i l'atracció al risc*, *Els Opuscles del CREI 16, Centre de Recerca en Economia Internacional*, Barcelona.
 - 5c. 2005 Joaquim Silvestre i Benach (with Antoni Bosch-Domènech), (Spanish translation of 5a), *Preparados para tomar riesgos? Evidencia experimental sobre la aversión y la atracción al riesgo*, *Els Opuscles del CREI 16, Centre de Recerca en Economia Internacional*, Barcelona
 6. 2011 Joaquim Silvestre (with Humberto Llavador and John E. Roemer) "Sustainability in the presence of global warming: Theory and empirics," Human Development Programme, Human Development Reports, Research Paper 2011-5, New York: UNDP-HDRO.
http://hdr.undp.org/en/reports/global/hdr2011/papers/HDRP_2011_05.pdf.
 - 7a. 2011 Joaquim Silvestre i Benach (with Pau Cortadas Guasch, Néstor Duch Brown, Anna Merino (in Catalan) "*Microeconomia*" (Microeconomics), *Universitat Oberta de Catalunya*, Barcelona.
 - 7b. 2011 Joaquim Silvestre i Benach (with Pau Cortadas Guasch, Néstor Duch Brown, Anna Merino (Spanish translation of 7a) "*Microeconomía*" (Microeconomics), *Universitat Oberta de Catalunya*, Barcelona.
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Prizes

- 2006 *VIII Ferran Armengol i Tubau Prize, Institut d'Estudis Catalans.*
- 2009 *Medalla Narcís Monturiol al mèrit científic i tecnològic, Generalitat de Catalunya* (Narcís Monturiol Medal for Scientific and Technological Merit, Catalan Government).

Professional Societies

- 1991 Elected Fellow of the Econometric Society.