Fernando Zapatero

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Employment

Professor, Finance and Business Economics, Marshall School of Business, USC (joint appointment at the Economics Department)	June 2007 –
Associate Professor, Finance and Business Economics, Marshall School of Business, USC	May 2004 to May 2007
Assistant Professor, Finance and Business Economics, Marshall School of Business, USC	July 1998 to April 2004
Associate Professor, Centro de Investigación Económica, ITAM, Mexico City	June 1994 to July 1998
Visiting Assistant Professor, Walter A. Haas School of Business, University of California, Berkeley	July 1992 to May 1994
Assistant Professor, Department of Finance, Graduate School of Business, University of Texas at Austin	September 1991 to May 1992
Lecturer in Accounting, ICADE, Madrid, Spain	September 1982 to June 1987

Education

Ph D, Finance	Columbia University, 1991.
Licenciado en Ciencias Empresariales (Business Administration)	ICADE, Madrid, Spain, July 1981.
Licenciado en Derecho (Law)	ICADE, Madrid, Spain, July 1980.

Publications

A) Refereed journals

1. Xiouros, C. and F. Zapatero, "The Representative Agent of an Economy with External Habit-Formation and Heterogeneous Risk-Aversion," *Review of Financial Studies* 23, 2010: 3017-3047.
2. Gómez, J.-P., Priestley, R. and F. Zapatero, "Implications of Keeping Up with the Joneses Behavior for the Equilibrium Cross-Section of Stock Returns: International Evidence," *Journal of Finance* 64, 2009: 2703-2737.
3. Suh, S. and F. Zapatero, "A Class of Quadratic Options for Exchange Rate Stabilization," *Journal of Economic Dynamics and Control* 32, 2008: 3478-3501.
4. Cvitanić, J., Wiener, Z. and F. Zapatero, "Analytic Pricing of Employee Stock Options," *Review of Financial Studies* 21, 2008: 683-724.
5. Cvitanić, J., Polimenis, V. and F. Zapatero, "Optimal Portfolio Allocation with Higher Moments," *Annals of Finance* 4, 2008: 1-28 (**lead article**).
6. Cvitanić, J., Goukasian, L. and F. Zapatero, "Optimal Risk Taking with Flexible Income," *Management Science* 55, 2007: 1594-1603.
7. Cadenillas, A., Cvitanić, J. and F. Zapatero, "Optimal Risk-Sharing with Effort and Project Choice," *Journal of Economic Theory* 133, 2007: 403-440.
8. Cadenillas, A., Sarkar, S. and F. Zapatero, "Optimal Dividend Policy with Mean-Reverting Cash Reservoir," *Mathematical Finance* 17, 2007: 81-110.
9. Cvitanić, J., Lazrak, A., Martellini, L. and F. Zapatero, "Dynamic Portfolio Choice with Parameter Uncertainty and the Economic Value of Analysts' Recommendations," *Review of Financial Studies* 19, 2006: 1113-1156 (**lead article**).
10. Cadenillas, A., Cvitanić, J. and F. Zapatero, "Leverage Decision and Manager Compensation with Choice of Effort and Volatility," *Journal of Financial Economics* 73, 2004: 71-92.
11. Ibáñez, A. and F. Zapatero, "Monte Carlo Valuation of American Options through Computation of the Optimal Exercise Frontier," *Journal of Financial and Quantitative Analysis* 39, 2004: 253-275.
12. Lazrak, A. and F. Zapatero, "Efficient Consumption Set under Recursive Utility and Unknown Beliefs," *Journal of Mathematical Economics* 40, 2004: 207-226.
13. Gómez, J.-P., and F. Zapatero, "Asset Pricing Implications of Benchmarking: A Two-Factor CAPM," *European Journal of Finance* 9, 2003: 343-357.

14. Sarkar, S. and F. Zapatero, “The Trade-off Model with Mean Reverting Earnings: Theory and Empirical Tests,” *Economic Journal* 113, 2003, 834-860.
15. Zapatero, F. and Luis F. Reverter, “Foreign Exchange Intervention with Options,” *Journal of International Money and Finance* 22, 2003, 289-306.
16. Cvitanić, J., Lazrak, A., Martellini, L. and F. Zapatero, “Optimal Allocation to Hedge Funds: An Empirical Analysis,” *Quantitative Finance* 3, 2003, 28-39.
17. Cvitanić, J., Goukasian, L. and F. Zapatero, “Monte Carlo Computation of Optimal Portfolios in Complete Markets,” *Journal of Economic Dynamics and Control* 27, 2003: 971-986.
18. Cvitanić, J., Lazrak, A., Quenez, M.C. and F. Zapatero, “Incomplete Information with Recursive Preferences,” *International Journal of Theoretical and Applied Finance* 4, 2001: 245-262.
19. Cadenillas, A. and F. Zapatero, “Classical and Impulse Stochastic Control of the Exchange Rate using Interest Rates and Reserves,” *Mathematical Finance* 10, 2000: 141-147.
20. Cuoco, D. and F. Zapatero, “On the Recoverability of Preferences and Beliefs,” *Review of Financial Studies* 13, 2000: 417-431.
21. Cadenillas, A. and F. Zapatero, “Optimal Central Bank Intervention in the Foreign Exchange Rate Market” *Journal of Economic Theory* 87, 1999: 218-242.
22. Zapatero, F., “Effects of Financial Innovations on Market Volatility when Beliefs are Heterogeneous,” *Journal of Economic Dynamics and Control* 22, 1998: 597-626.
23. Sundaresan, S. M. and F. Zapatero, “Valuation, Asset Allocation and Retirement Incentives of Pension Plans” *Review of Financial Studies* 10, 1997: 631-660.
24. Goldstein, R. and F. Zapatero, “General Equilibrium with Constant Relative Risk Aversion and Vasicek Interest Rates” *Mathematical Finance* 6, 1996: 331-340.
25. Zapatero, F., “Equilibrium Asset Prices and Exchange Rates,” *Journal of Economic Dynamics and Control* 19, 1995: 787-811.
26. Detemple, J. B. and F. Zapatero, “Optimal Consumption-Portfolio Policies with Habit Formation,” *Mathematical Finance* 2, 1992: 35-58.
27. Detemple, J. B. and F. Zapatero, “Asset Pricing in an Exchange Economy with Habit Formation” *Econometrica* 59, 1991: 1633-1657.

B) Book chapters, surveys, proceedings

1. Maisch, M. and F. Zapatero, "The Optimal Term Structure of Debt Maturity," in I. Venezia and Z. Wiener, (eds.), *Bridging the GAAP: Recent Advances in Finance and Accounting*, World Scientific Publishing, forthcoming.
2. Cadenillas, A., Cvitanić, J. and F. Zapatero, "Stochastic Control Methods for the Problem of Optimal Compensation of Executives," in P. Baxendale and S. Lototsky, (eds.), *Stochastic Differential Equations: Theory and Applications. A volume in honor of Professor B. L. Rozovskii*, World Scientific, 2007: 169-196.
3. Cvitanić, J., Martellini, L. and F. Zapatero, "Optimal Active Management Fees," in E. Yücesan, C.-H. Chen, J. Snowdon and J. Charnes (eds.) *Proceedings of the 2002 Winter Simulation Conference,* 2002, vol 2: 1555-1559.
4. Cvitanić, J., Goukasian, L. and F. Zapatero, "Hedging with Monte Carlo Simulation," in E. Kontoghiorghes, B. Rustem and S. Siokos (eds.), *Computational Methods in Decision-Making, Economics and Finance,* Kluwer Academic Publishers, 2002, vol 2: 339-353.
5. Zapatero, F., "Los Fondos de Pensiones desde un Punto de Vista Financiero," *Cuadernos Económicos del ICE* 50, 1992: 157-174.

Working Papers

1. Cadenillas, A., Cvitanić, J. and F. Zapatero, "Executive Stock Options as a Screening Mechanism," January 2012.
2. Coskun, C. and F. Zapatero, "Optimal Acquisition of a Partially Hedgeable House," November 2011.
3. Gómez, J.-P., Priestley, R. and F. Zapatero, "Labor Income, Relative Wealth Concerns, and the Cross-section of Stock Returns," September 2011.
4. Kim, M. and F. Zapatero, "Competitive Compensation and Dispersion in Analysts' Recommendations," August 2011.
5. Shemesh, J. and F. Zapatero, "Thou Shalt not Covet Thy (suburban) Neighbor's Car," March 2011.
6. Ji, M. and F. Zapatero, "Empirical Performance of Lévy Option Pricing Models," November 2008.

Books

1. Cvitanić, J and F. Zapatero, *Introduction to the Economics and Mathematics of Financial Markets,* MIT Press, Cambridge, MA, 2004, 496 pages.
2. Zapatero, F., *Manual de Consolidación de Estados Financieros de los Grupos de Empresas,* Ministerio de Economía y Hacienda, Madrid, 1988, 234 pages.

Publication Awards

Detemple, J. B. and F. Zapatero, "Optimal Consumption-Portfolio Policies with Habit Formation," *Mathematical Finance* 2, 1992: 35-58, tied for third place on the 1992 Best Paper of Mathematical Finance Award.

Editorial Boards

A) Editor:

Quarterly Journal of Finance (founding editor)	February 2010 –

B) Associate Editor:

Annals of Finance	April 2004 –
Journal of Economic Dynamics and Control	January 2005 –
Mathematical Finance	February 2006 –
Mathematics and Financial Economics	June 2006 –

Referee

American Economic Review, Annals of Finance, Econometrica, Economic Theory, European Economic Review, European Journal of Operations Research, Finance and Stochastics, Financial Review, International Journal of Finance and Economics, International Journal of Theoretical and Applied Finance, Investigaciones Económicas, Journal of Economic Dynamics and Control, Journal of Economic Theory, Journal of the European Economic Association, Journal of Finance, Journal of Financial and Quantitative Analysis, Journal of International Economics, Journal of International Money and Finance, Journal of Mathematical Economics, Journal of Monetary Economics, Journal of Political Economy, Mathematical Finance, Management Science, Quantitative Finance, Review of Derivatives Research, Review of Economic Studies, Review of Finance, Review of Financial Studies, Spanish Economic Review.

Courses Taught

- Continuous Time Models in Finance (Ph D Seminar).
- Introduction to Finance (MBA).
- Investments (MBA, Undergraduate).
- Microeconomics (M.A., Undergraduate).
- Options and Futures (MBA, Undergraduate).
- Theoretical Asset Pricing (Ph D Seminar).