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## Education

Ph.D. in Economics, Universitat Autònoma, (Supervisor Ferran Sancho Pifarr, Universita Autònoma, Spain (expected dissertation date, September 2009).

Visiting Researcher, Fraser of Allander Institute, Strathclyde Glasgow University (UK), 2008

Master in Applied Economics, Universitat Autònoma, Barcelona (Spain) 2003-2006

Master in Economic Sciences, Katholieke Universiteit Leuven (Belgium) 2002-2003

Bachelor in Economic Sciences, Salamanca University (Spain) 1998-2002

## Research Experience

Researcher Assistant 2008-2010  
Department of Applied Economics Universitat Autònoma, Barcelona, Spain  
Essays in Computational Economics and Simulations, Project Director: Prof. Ferran Sancho Pifarré.

Researcher Assistant 2008  
Department of Economics Allander Institute, Strathclyde, Glasgow University (UK)  
Energy Rebound in the UK, Project Director: Prof. Karen Turner.

Researcher Assistant 2004- 2005  
Department of Applied Economics Universitat Autònoma, Barcelona, Spain  
Human Capital, Consumption and Efficiency in Spain, Project Director: Prof. Jose Luis Raymond Bara.

## Teaching Experience

Teaching Assistant, International Trade, Universitat Autònoma, Barcelona, Spain, 2008 – 2009.

Teaching Assistant, Public Economics, Universitat Autònoma, Barcelona, Spain, 2007 – 2008.

Teaching Assistant, Economics I, Universitat Autònoma, Barcelona, Spain, 2007 – 2008.

## Working Papers

“Measuring Energy Linkages with the Hypothetical Extraction Method: An application to Spain”, A. Guerra and S. Ferran (2009)

“Sensitivity of General Equilibrium Rebound Effects to Difference Specifications of KLEM ”, A. Guerra and K. Turner (2009)

“Fuel Efficiency of Gasoline Cars: A Hedonic Perspective”, A. Guerra (2007).

## **Publications**

“Model Specific Effects and Quality-Adjusted Price Indexes”, Investigaciones Economicas (revision).

“Economic Models for Environmental and Climate Change Analysis”, Coleccion Estudios Economicos, LA CAIXA” (forthcoming).

## **Foreign Languages**

Spanish mother language.

Fluent English.

Fluent French.

## **Scientific Software**

Microsoft Office, XP and Vista; Internet Explorer;

Statistical software: Stata 9/10, Eviews, GAMS.

## **Conferences**

‘Applied Economics’ Universidad de Salamanca (Spain) June 2008.

“Infrastructure Modelling and Policies”, Berlín University of Technology (Germany), October 2006.

## **Honors and Awards**

2005-09 PhD Scholarship, Spanish Government.

## **REFERENCES**

Prof. **S. Ferran Pifarre**  
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Barcelona, Spain  
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Prof. **Peter MacGregor**  
Strathclyde University  
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Prof. **Karen Turner**  
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