

Federico A. Todeschini

Personal Information

Date of Birth: June 11th, 1978

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Research and Teaching Fields

Primary Fields: Labor Economics and Health Economics

Secondary Fields: Development Economics, Public Economics, Finance and Industrial Organization.

Education

Graduate Studies

Ph.D. Candidate, Department of Economics and Business, Universitat Pompeu Fabra (Barcelona, Spain).

Thesis Title: "Health and Labor Consequences of Habits" **Advisor:** Sergi Jiménez Martín

Expected Completion Date: June 2010.

M.Sc. in Economics at Universitat Pompeu Fabra, with honors. 2004-2005

Undergraduate Studies

B.A. in Economics, Universidad Nacional de Rosario, 1997-2002

Research

Working Papers

Killing by lung cancer or by diabetes? The trade-off between obesity and smoking (with Jiménez and Labeaga) (**Job Market Paper**).

R&D Collaboration: Spillovers, Absorptive Capacity and Financial Constraints (with Shikeb Farooqui).

Further evidence about alcohol consumption and unemployment and income (with S. Jiménez, J.M. Labeaga and C. Villaplana).

Should we pay smokers less? Labor productivity consequences of smoking.

How much does it cost reducing smoking prevalence at work? Tobacco regulations and output per worker

Publications

Manuel Moreno, Javier Navas and Federico Todeschini "Deciding What and When to Seed: Mean Reverting Process and Real Options". In "*New Frontiers in Insurance and Bank Risk Management*", edited by McGraw-Hill, ISBN 978-88-386-6061-0, Milano, Italy (pp. 243-253).

Manuel Moreno, Javier Navas and Federico Todeschini "Land Valuation Using Real Options" *Real Academia de Ciencias, Serie Matemática* Vol 103 (2), 2009, (pp 405-420).

Federico Todeschini "El BCRA y el IAPI en la política económica peronista" *Investigaciones y Ensayos* Vol 53, 2004.

Experience

Teaching Experience

Universitat Pompeu Fabra

Fall 2009	Lecturer of Econometrics, Undergraduate Course
Fall 2008 and Spring 2009	Teaching Assistant of Econometrics, Undergraduate Course
Winter 2007 and Winter 2008	Lecturer of Financial Management, Undergraduate Course
Spring 2006	Teaching Assistant of Finance, Graduate course
Winter 2005, Fall 2005, Winter 2006	Teaching Assistant of Introductory Economics, Undergraduate course
Fall 2004	Teaching Assistant of Introductory Finance, Undergraduate course

Universidad de San Andrés

Spring 2003, Fall 2003 and Spring 2004	Teaching Assistant of Introductory Economics, Undergraduate course
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Professional Experience

Feb 09 - Jul 09	Researcher at Acc1ó (Catalan Agency for Research and Development).
Jun 08 - Ago 08	Consultant at Inter-American Development Bank
Jan 06 - Dec 06	Jefatura de Gabinete de Ministros de Argentina, Advisor to the Deputy Chief of Staff
Jan 04 - Jul 04	Research Assistant for Roberto Cortés Conde, Universidad de San Andrés
Mar 03 - Jul 04	Teaching Assistant, Universidad de San Andrés
Apr 02 - Dec 03	Ministerio de Economía de Argentina, Advisor to the Director of the Local Development Fund

Other

Refereeing

Revista de Economía Aplicada and European Review of Economic History.

Scholarships

2004-2009	Teaching Assistant Scholarship from Universitat Pompeu Fabra
2002	"Rolf Mantel" Scholarship from ING Bank

Languages

Spanish (native), English (fluent), Catalan (fluent).

Computer Skills

Matlab, Stata, E-views, SPSS, LaTeX and SAS.

References

Sergi Jiménez Martín (advisor)

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Abstracts

Killing by lung cancer or by diabetes? The trade-off between obesity and smoking (Job Market Paper)

As the increase in the incidence of obesity is one of the major health challenges in decades to come, the anti-smoking campaign is regarded as one of the "major public health victories" in the US. In this paper we study the impact that the final product of the anti-smoking campaign, that is, people quitting the habit of smoking, had on average weight in the population. To these ends, we use data from the Behavioral Risk Factors Surveillance System, a large series of independent representative cross-sectional surveys. We construct a synthetic panel that allow us to control for unobserved heterogeneity and we exploit the exogenous changes in taxes and regulations to instrument the endogenous decision to give up the habit of smoking. Our estimates indicate that a 10% decrease in the incidence of smoking leads to an average weight increase of 2.2 to 3 pounds, depending on the specification, something close to what the US Department of Health found in the '90s. We also find evidence that the effect overshoots in the short run, although a significant part remains even after two years. However, when we split the sample between men and women, we only find a significant effect for men. Finally, the implicit elasticity of quitting smoking to the probability of becoming obese is calculated in 0.58. This implies that the cost to society's from reducing the incidence of smoking by 1% is \$0.6 billions, although the benefit is still positive.

R&D Collaboration: Spillovers, Absorptive Capacity and Financial Constraints

We study the role of information spillovers, absorptive capacity and financial constraints on the decision to collaborate in R&D. We follow the methodology laid out in Cassiman and Veugelers (AER 2002) and distinguish between incoming and outgoing spillovers. However, we argue that while their original idea is conceptually compelling, their definition of incoming spillovers and choice of instruments can potentially be improved. We use a broader definition of incoming spillovers that takes into account all the information sources available to the firm, the behavior of other firms in limiting their own outgoing spillovers, and the stock of publicly available knowledge capital. We instrument spillovers with the (economy wide) stock of product specific basic research, industry exposure to broadband coverage and industry specific contracting intensity. Using this new set of instruments we find that cost sharing concerns and financial constraints drive vertical collaboration decisions, absorptive capacity improves chances of collaboration with research institutes and strategic appropriability plays a prominent role in horizontal collaborations. We also find evidence that collaborative agreements induce increased spillovers not just within the collaborative agreements but also to non-collaboration partners within the industry.