

Raúl G. Sanchis | Ph.D. (Last update: May 2021)

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🌐 <https://sites.google.com/site/raulgsanchis/> • 🇪🇸 Born in Madrid (Spain). Nationality: Spanish

Current Position/s

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|---|--------------------------|
| Universidad Politécnica de Madrid <i>Assistant Professor in Economics, Department of Organization Engineering, Business Administration and Statistics</i> Researcher in the 'Decision Analysis and Statistics' Research Group, Department of Artificial Intelligence (Leader: 'Time Allocation' and 'Behavioral Economics' research lines) | Spain 2018–now |
| Universidad Complutense de Madrid <i>Associate Researcher, Instituto Complutense de Estudios Internacionales (ICEI)</i> | Spain 2009–now |
| British Hispanic Foundation / Fundación Hispano Británica <i>Counsellor in the Executive Committee</i> | Spain 2018–now |

Experience

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| Main appointments (Full time and/or research positions) | |
| University of Cambridge <i>Visiting Academic, Department of Land Economy</i> | United Kingdom Summer-Fall 2017 |
| Universidad Carlos III de Madrid <i>Visiting Professor, Department of Economics (under the Postdoctoral Research Scheme)</i> Teaching: Principles of Economics, Microeconomics (both in english and spanish) | Spain September 2013-2015 |
| RCC at Harvard University <i>Fellow (Spring-Summer 2013)</i> | United States 2013 |
| University of Cambridge <i>Visiting Scholar, Department of Land Economy</i> | United Kingdom Spring 2011 |
| Further appointments (predoctoral and/or part-time teaching positions) | |
| ICADE, Universidad Pontificia Comillas de Madrid <i>Lecturer (part-time, fixed term), Department of Economics</i> Teaching: Microeconomics (in spanish), International Trade and Investments (in english), Economic Approaches to International Relations (in english), Thesis supervisor | Spain September 2015-June 2017 |
| Universitetet i Oslo <i>Teaching Assistant, Okonomisk Institutt</i> Master course <i>ECON4135 Mathematics 3 (in english)</i> . Head Professor: Arne Strom | Norway Fall 2007 |
| Universidad de Alicante <i>Teaching and Research Assistant, Department of Economics</i> Undergraduate course <i>Economia I (in spanish)</i> . Head Professor: Julio Carmona. Head researchers in projects: Fernando Vega-Redondo, Juan Mora | Spain 2003–2004 |
| Universidad Complutense de Madrid <i>Teaching Assistant, Department of Economics</i> Introductory course <i>Mathematics applied to Social Sciences (in spanish)</i> . Head Professor: Jose Manuel Rey-Simo | Spain Fall 2002 |

Education

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| Main University Degrees | |
| Universidad Complutense de Madrid <i>Ph. D. in Economics (Cum laude & Doctor Europaeus mention & Ph.D. Extraordinary Prize),</i> Departamentos de Fundamentos del Análisis Económico | Madrid, Spain 2013 |
| Universitetet i Oslo <i>M. Phil. in Environmental and Development Economics,</i> Okonomisk Institutt | Oslo, Norway 2008 |
| Further University Degrees | |
| Universidad Nacional de Educacion a Distancia (UNED) <i>Diploma of Advance Studies (equivalent to a MSc.) in Applied Quantitative Economics,</i> Department of Applied Quantitative Economics I | Distance education, Spain 2008 |
| Universidad Complutense de Madrid <i>M.A. in Pedagogy,</i> Major in Mathematics | Madrid, Spain 2005 |

Awards, Service and Memberships

XVII actual UPM start-up's Competition (2020): for the project "Economics @Intelligence" being one of the top 10 best ideas among 396 proposals. Awarded with a 1000 euros prize.

UPM Innovatech 2T Challenge (2020): for being finalist in this challenge with the project "Economics @Intelligence" and its Business Plan.

Ph. D. Extraordinary Prize 2013 in Economics: for the best Doctoral Dissertation in Economics defended in 2012-2013 at the Faculty of Economics and Business in the Universidad Complutense de Madrid.

Grant for research stays to obtain the mention "Doctor Europeus", 2011: Grant by the Ministry of Education of Spain destined to those who obtain their Ph.D. under the EU quality rules which gives right to the mention "Doctor Europeus".

"Queen Victoria Eugenia" British Hispanic Chair of Doctoral Studies 2009-2010 at Complutense University of Madrid: Awarded by the British Council, through the British Hispanic Foundation, with a funded research stay at the University of Cambridge due to a paper on **current macroeconomics and macroeconomic policy** assessed by the Chairman, Prof. Phillip Arestis (U. Cambridge).

Scholarship for Mobility, 2004: for researchers into programs with the Excellence Distinction, Ministry of Education of Spain.

Member of the **International Association for Time Use Research (IATUR), 2007-2012.**

Member of the **Australian Time Users Group Research Network, 2008-2013.**

President's Assistant of the **Spanish-Portuguese Association of Resource and Environmental Economics (AERNA), 2012-2013.**

Member of the **Royal Economic Society (RES), 2015-2016.**

Board Member of the **Society of Economics of the Household (SEHO), since 2017.**

Counselor of the **British Hispanic Foundation (FHB), since 2018.**

Editorial Board Member of the **Journal of Time Use Research (JTUR), since 2018-19.**

Publications

Research Papers

Computational Economics 2019

"Evolutionary dynamics of price dispersion with market-dependent costs"

(joint with F. Álvarez and J-M. Rey)

Abstract and Applied Analysis 2016

"Pricing Strategy versus Heterogeneous Shopping Behavior under Market Price Dispersion"

(joint with F. Álvarez and J-M. Rey)

Special issue titled "Analysis and Models in Interdisciplinary Mathematics"

DOI: <http://dx.doi.org/10.1155/2016/3254240>

Journal of Computational and Applied Mathematics 2016

"Consumer's response to price distribution and sigma-overload under time allocation"

(joint with F. Álvarez and J-M. Rey)

Abstract and Applied Analysis 2014

"Choice overload, satisficing behavior and price distribution in a time allocation model"

(joint with F. Álvarez and J-M. Rey)

Special issue titled "Analysis and Models in Interdisciplinary Mathematics"

DOI: <http://dx.doi.org/10.1155/2014/569054>

International Journal of Complex Systems in Science 2014

"Maximizing and satisficing in a choice model based on time allocation"

(joint with F. Álvarez and J-M. Rey)

International Journal of Computer Mathematics 2014

"Numerical analysis of a time allocation model accounting for choice overload"

(joint with F. Álvarez and J-M. Rey)

Special issue titled "Numerical Methods and Mathematical Modelling in Biology, Medicine and Social Sciences"

DOI: <http://dx.doi.org/10.1080/00207160.2014.896653>

Books, Chapters and Theses

Technological Booklet num 31, National Institute of Industrial Technology (INTI), Government of Argentina 2017

"Valuation methods for Environmental Externalities"

Book title: "Economics of Multitasking", Ed. Palgrave Macmillan 2015

Chapter: *"Economic Theories about the Allocation of Time: Review and an Extension for Multitasking"*

Universidad Complutense de Madrid, ePrints 2013

"Time Microeconomics: on the allocation of time and choice overload"

Doctoral dissertation supervised by F. Álvarez and J-M. Rey

Working Papers

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| <i>"Madrid during the COVID19 lockdown: a pilot study on lifestyle, wellbeing and telework"</i> | ICEI Papers COVID-19, 2020 |
| <i>"Lifestyle Dynamics Index: Time Use Methodology and Worldwide Results"</i> (joint with J. Vicente) | UC3M Economic Series, 2017 |
| <i>"A simple theory of self-delusion and its uses"</i> (Jointly with Gigi Foster and Paul Fritjers) | (unpublished and in progress) |
| <i>"Towards a General Equilibrium Theory of Allocation of Time"</i> | (unpublished and in progress) |
| <i>"The Extended AD-AS Model with Working Capital, Excessive Risk and Commercial Banking"</i> (joint with J. Halvorsen) | (unpublished and in progress) |
| <i>"Choice overload through time allocation"</i> (joint with F. Álvarez and J-M. Rey) | (unpublished and in progress) |
| <i>"Choice overload and firms behavior"</i> (joint with F. Álvarez and J-M. Rey) | (unpublished and in progress) |
| <i>"Extended theory of the allocation of time: description and its application to retirement age policies"</i> | ICEI Working Papers, 2013 |
| <i>"Trying to escape the Malaise State in the future"</i> | ICEI Working Papers, 2012 |

Projects

Machine Learning techniques applied to life insurance industry: Improvements in data collection and visualization, underpinnings for further analyses and commercial exploitation: Period: 2021. Sponsors: RGA, Role: director. Funding attracted: around 7200 euros, gross.

Machine Learning techniques applied to life insurance industry: Data collection and visualization: Period: 2020. Sponsors: RGA, Role: director. Funding attracted: around 9900 euros, gross.

Economics @Intelligence: Period: 2018-now. Role: director. Funding generated: around 19000 euros, gross. Awards: XVII actual UP start-up's Competition (2020), UPM Innovatech 2T Challenge (2020).

Improvement of the Regional Economies and Local Development: Period: 2015. Sponsors: European Union (EU) and INTI of the Government of Argentina. Role: Expert. Other Experts in the Team: Luis Sanchez Torrente. Activity: Methods for the Valuation of Environmental Externalities.

Economic Development in Ecuador: Period: 2010-2011. Sponsors: Complutense University of Madrid, Madrid Government, AECID, Banco Santander. Role: director. Funding attracted: around 28000 euros, gross.

Economics and Environment in Ecuador: Period: 2011. Sponsors: AECID PCI program, Role: co-director, with Emilio Cerda. Funding attracted: around 11500 euros, gross.

Development and environmental quality, climate change and renewable energies: Period: 2007-2009. Sponsor: Spanish Ministry of Foreign Affairs. Role: research economist.

Industrial Economics: theoretical and empirical aspects: Period: 2004. Sponsor: University of Alicante. Role: research assistant.

Empirical analysis of econometric models: Period 2004. Sponsor: Government of Valencia (Spain). Role: research assistant.

Conferences

University of Cambridge, Land Economy Departmental Seminars

Cambridge, UK

Title: *"Lifestyle Dynamics Index: Worldwide Results and Household Economic Implications"*

2017

University of Cambridge, UK

(Joint work with José Vicente)

Mathematical Modelling in Engineering and Human Behaviour 2017

Valencia, Spain

Title: *"Optimal pricing from shopping time distributions"*

2017

Instituto Universitario de Matemática Multidisciplinar

Polytechnic City of Innovation in Valencia, Spain.

(Joint work with J-M. Rey and F. Álvarez)

I Meetings of the Society of Economics of the Household (SEHO)

San Diego, USA

Title: *"Lifestyle Dynamics Index: Time Use Methodology and Worldwide Results"*

2017

San Diego State University
San Diego City College, San Diego, California - United States.
(Joint work with José Vicente)

Mathematical Modelling in Engineering and Human Behaviour 2016

Title: "Market dynamics under price and cost dispersion"

Instituto Universitario de Matemática Multidisciplinar
Polytechnic City of Innovation in Valencia, Spain.
(Joint work with J-M. Rey and F. Álvarez)

Valencia, Spain
2016

Royal Economic Society Ph.D. Meetings 2016

Title: "Consumer's response to price distribution and sigma overload under time allocation"

Westminster Business School
University of Westminster, UK.

(Joint work with J-M. Rey and F. Álvarez)

London, UK
2016

Mathematical Modelling in Engineering and Human Behaviour 2015

Title: "Pricing strategy versus shopping behavior under market price dispersion"

Instituto Universitario de Matemática Multidisciplinar
Polytechnic City of Innovation in Valencia, Spain.
(Joint work with J-M. Rey and F. Álvarez)

Valencia, Spain
2015

IID Seminars of the Department of Economics, Universidad Carlos III de Madrid

Title: "On Time Allocation and Choice Overload"

Department of Economics, Universidad Carlos III de Madrid.
(Joint work with J-M. Rey and F. Álvarez)

Madrid, Spain
2015

Research Seminar of the School of Economics and Business, Universidad Complutense de Madrid.

Title: "Time Microeconomics: on the allocation of time and consumer behavior"

School of Economics and Business, Universidad Complutense de Madrid
(Joint work with J-M. Rey and F. Álvarez)

Madrid, Spain
2015

Invited because of the PhD Extraordinary Prize obtained to the best doctoral dissertation

Mathematical Modelling in Engineering and Human Behaviour 2014

Title: "Consumer's response to price distribution in a time allocation model"

Instituto Universitario de Matemática Multidisciplinar
Polytechnic City of Innovation in Valencia, Spain.
(Joint work with J-M. Rey and F. Álvarez)

Valencia, Spain
2014

Mathematical Modelling in Engineering and Human Behaviour 2013

Title: "Maximizing and satisficing in a choice model based on time allocation"

Instituto Universitario de Matemática Multidisciplinar
Polytechnic City of Innovation in Valencia, Spain.
(Joint work with J-M. Rey and F. Álvarez)

Valencia, Spain
2013

Seminars at the Department of Foundations of Economic Analysis

Title: "On the allocation of time and choice overload"

Complutense University of Madrid
(Joint work with J-M. Rey and F. Álvarez)

Madrid, Spain
2013

Mathematical Modelling in Engineering and Human Behaviour 2012

Title: "A time allocation model accounting for the paradox of choice"

Instituto Universitario de Matemática Multidisciplinar
Polytechnic City of Innovation in Valencia, Spain.
(Joint work with J-M. Rey and F. Álvarez)

Valencia, Spain
2012

International Association for Time Use Research (IATUR) Conference

Title: "Time Use Survey in Ecuador 2011. A method for indigenous regions"

University of Oxford

Scholarships held: a) Travel stipend, by the Complutense University of Madrid and the Complutense Institute for International Studies (ICEI).

Oxford, UK
2011

I National Workshop on Environmental Economics

Title: "Climate Change and International Commerce in the Global Economy"

Universidad de Cuenca

Member of the organizing committee, funded by AECID

Cuenca, Ecuador
2011

International Workshop on Climate Change Policies

Member of the organizing committee

Universidad Complutense de Madrid, funded by ICEI-UCM

Madrid, Spain
2010

International Association for Time Use Research (IATUR) Conference

Title: "Time to retire some retirement time? A very simple theoretical model."

Sciences Po, Paris

Scholarships held: a) Travel stipend, by the Complutense University of Madrid and the Complutense Institute for International Studies (ICEI).

Paris, France
2010

Guest lecture at the Universidad de Zaragoza

Title: "Economic Theories about the allocation of time: review and perspectives"

Department of Economic Analysis, Universidad de Zaragoza

Zaragoza, Spain
2009

International Association for Time Use Research (IATUR) Conference

Title: "Time Microeconomics: A General Equilibrium Theory"

Sydney, Australia
2008

Guest lecture at the University of Oslo for Autumn 2007 seminars
Title: "Economic Theories of Allocation of Time: a survey of the literature"
Department of Economics and Student Council at University of Oslo

Oslo, Norway
2007

International Association for Time Use Research (IATUR) Conference
Title: "Time Microeconomics: Optimization models"

Washington D.C., USA
2007

U.S. National Bureau of Labour Statistics and University of Maryland

Scholarships held: a) Travel stipend, by the University of Maryland and b) Andrew Harvey Scholarship, by the University of Oxford.

Short courses

Experimental Economics

Prof. Ernesto Reuben (Columbia University)

August
2008

Current macroeconomics and macroeconomic policy

Prof. Philip Arestis (University of Cambridge)

March
2010

Languages and Computer skills

Languages: English (fluent), Spanish (native), Norwegian(basic)

| Certificates | IELTS: 7.0 (2008). TOEFL: 227 (2002)

Mathematical and Statistical packages: Advance user of: R.

In the past: Stata, Matlab, Eviews, Gretl

Editing: Advance user of: LaTeX, Office, Google apps, moodle and further educational tools