

BEHAVIOURAL ECONOMICS · ENVIRONMENTAL ECONOMICS · EXPERIMENTAL ECONOMIC

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Current Position

Post-doctoral Researcher

Nancy, France

BUREAU OF ECONOMIC THEORY AND APPLICATIONS

Oct 2019 - present

Researching consumer preferences for hydrogen energy storage technologies as part of the University of Lorraine Hydrogen Science and Technology (ULHyS) project

Experience_

Research and Teaching Assistant

Grenoble, France

Université Grenoble Alpes

Sep 2018 - Aug 2019

Teaching responsibilities:

- Industrial Economics Final year undergraduates 14 hours
- Introduction to Microeconomics First year undergraduates 60 hours
- Contemporary Economic Questions First year undergraduates 54 hours
- Descriptive Statistics First year undergraduates 60 hours

Visiting PhD Student St Gallen, Switzerland

University of St Gallen Jan 2018

- · Presentation of PhD research
- Assisted in the development of the "8th Consumer Barometer of Renewable Energy"

PhD Candidate and Teaching Assistant

Grenoble, France

GRENOBLE APPLIED ECONOMICS LABORATORY

Oct 2015 - Aug 2018

- Teaching responsibilities:
- Introduction to Microeconomics First year undergraduates 12 hours
- Contemporary Economic Questions First year undergraduates 18 hours
- Descriptive Statistics First year undergraduates 40 hours
- University Study Methods First year undergraduates 54 hours

Research internship Grenoble, France

GRENOBLE APPLIED ECONOMICS LABORATORY

Mar 2015 - Jul 2015

Oct 2015 - May 2019

- Review of academic literature on smart meters and dynamic pricing experiments
- Design of dynamic pricing choice experiment

Education

PhD in Economics Grenoble, France

Thesis title: Household electricity consumption behaviour: A meta-analysis and experimental approaches

Supervisors: Daniel Llerena and Cédric Clastres.

Thesis jury members:

Université Grenoble Alpes

- Patrice Geoffron Centre of Geopolitics of Energy and Raw Materials Université de Paris Dauphine
- Anne Rozan National School for Water and Environmental Engineering Strasbourg
- Mireille Chiroleu-Assouline Paris School of Economics Université Paris 1 Panthéon-Sorbonne
- Stéphane Robin Grenoble Applied Economics Laboratory French National Centre for Scientific Research

Discrete Choice Modelling London, UK

CEMMAP, UNIVERSITY COLLEGE LONDON

Jan 2016

Course delivered by William Greene New York University, Stern Business School

Master in Economics and Statistics (Second year of programme)

Grenoble, France

Université Grenoble Alpes

Sep 2014 - Jul 2015

Master's dissertation: A review of household experience with smart meters and dynamic pricing for demand response

MARCH 10, 2020 PENELOPE BUCKLEY · CV EN 1/4

Master in Management (Dual degree with the Univ. Grenoble Alpes)

Grenoble, France Sep 2013 - Jul 2014

GRENOBLE SCHOOL OF MANAGEMENT

Master's dissertation: Cultural influences on food consumption decisions in China, Germany and the UK

Master in Economics and Statistics (First year of programme)

Grenoble. France

Université Grenoble Alpes

Sep 2012 - Jun 2013

Master's dissertation: Pricing strategies of experience goods - The case of eBusiness Service Providers

BSc in European Economics: First Class Honors

Canterbury, United Kingdom

University of Kent

Applied economics project: The impact of the National Minimum Wage on workers in the United Kingdom

Sep 2007 - Jun 2011

Publications

Buckley, P. (2020). Prices, information and nudges for residential electricity conservation: A meta-analysis. *Ecological Economics*, 172, 106635.

Current Research _____

Agnoletti, M-F., **Buckley, P.**, Damette, O., Martin, A. Consumer preferences for hydrogen storage technology: A choice experiment

Buckley, P., Fadhuile, A., Llerena, D., Roussillon, B. Peak energy conservation field experiment.

Buckley, P., Llerena, D. Field experiment on social conformity and varying remuneration for different efforts.

Buckley, P., Roussillon, B., Teyssier, S. Loss aversion framing to incentivise small efforts for repetitive tasks.

Buckley, P., Llerena D. Demand response as a common pool resource game: Nudges and peak pricing.

Buckley, P. Barriers to acceptance and adoption of smart meters and incentives to lower residential energy consumption. *Submitted to a peer-reviewed journal*

Scientific Communications _____

2020	PErSEUs, Invited speaker	France
	Grenoble Applied Economics Laboratory, Seminar	France
2019	University Paris Saclay, Workshop	France
	University of Lorraine, Workshop	France
	Grenoble School of Political Science, Workshop	France
2018	French Association for Energy Economists, Seminar	France
	University of Kent, Seminar	UK
	British Institute for Energy Economics, Conference	UK
	World Congress of Environmental and Resource Economists, 6th World Congress	Sweden
	International Association for Energy Economics, 41st International Conference	the Netherlands
	Ministry of Higher Education, Research and Innovation, Meeting	France
	9th Day of Doctoral Economics, Workshop	France
	University of St Gallen, Seminar	Switzerland
2017	French Association for Energy Economists, Annual Conference	France
	French Association for Energy Economists, 10th Student Workshop	France
	Italian Association for Energy Economists, 2nd AIEE Energy Symposium	Italy
	8th Day of Doctoral Economics, Workshop	France
2016	Grenoble Applied Economics Laboratory, Doctoral Seminar	France

Participation in Research Projects _____

ULHyS (2019-present) French Government, Initiatives Science-Innovation-Territories-Economics Exploration of incentives to encourage the use and development of hydrogen technology as part of the transition to a new energy economy based on hydrogen in France

NEWTS (2019-present) European Commission, Water Joint Programming Initiative Experimentation of nudges and tariffs designed to encourage households to lower their water consumption

ExpeSigno (2017-present) Auvergne-Rhone-Alpes

Experimentation of different methods of feedback (monetary and non-monetary) designed to incentivise consumers to be more flexible during periods of peak electricity demand

CDP Eco-SESA (2017-present) French Government, Initiatives of Excellence

Experimentation of incentives designed to encourage individuals to lower their demand for electricity within a neighbourhood

TARDYSS (2015-2018)

Dynamic Pricing and Smart Grids: An experimental analysis of household electricity consuming behaviour

Additional Responsibilities _____

Université Grenoble Alpes

Member of the Administrative Board of the Doctoral Association of Economics	Grenoble, France
Organisation of the 9th Day of Doctoral Economics	Dec 2017 - Nov 2018

President of the Doctoral Association of EconomicsGrenoble, FranceOrganisation of the 8th Day of Doctoral EconomicsDec 2016 - Nov 2017

Doctoral representative at the Council of the Economics Doctoral SchoolGrenoble, France May 2016 - Apr 2018

GRENOBLE APPLIED ECONOMICS LABORATORY

Doctoral seminar coordinator	Grenoble, France
Organisation of doctoral research seminars at GAEL	Jan 2016 - Dec 2016

Awards

2017	Laureate, Best student paper at 10th Student Workshop of the French Association for Energy Economists	France
2015	First in year, Master Economics and Statistics	France
2011	Laureate, School of Economics Prize, University of Kent	UK
2011	Laureate, Social Sciences Faculty Prize, University of Kent	UK
2007	Laureate, School of Economics Prize, University of Kent	UK

Skills_____

Languages	English (native language), French (bilingual), German (basic)
Software	ᡌᠯ╒X, Microsoft Office, R, Stata, z-Tree

References_

Daniel Llerena

Professor

Grenoble Applied Economics Laboratory GAEL - CS 40700 - 38058 Grenoble CEDEX 9

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Thesis supervisor

Béatrice Roussillon

Associate Professor Grenoble Applied Economics Laboratory GAEL - CS 40700 - 38058 Grenoble CEDEX 9 France

Co-author

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Carine Staropoli

PSE Professor

Paris School of Economics (PSE) 4th floor, office 04 - Campus Jourdan - 48 Boulevard Jourdan - 75014 Paris France

Thesis committee member

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Olivier Damette

Professor

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Post-doc supervisor

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