

James Carroll – Economist

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Academic History	
2012 – 2014	PhD (Economics), Trinity College Dublin, Ireland <i>The Role of Information in Household Energy Decisions.</i> All dissertation chapters published (<i>Energy Economics, Journal of Consumer Policy and Energy Policy</i>).
2011 – 2012	Masters in Economic Science, Trinity College Dublin, Ireland Major subjects: Econometrics, advanced microeconomics, advanced macroeconomics and dissertation.
2003 – 2005	Masters of Philosophy, Dublin Institute of Technology, Ireland <i>An Econometric Analysis of Charitable Donations in Ireland.</i>
2000 – 2003	Bachelor of Commerce, National University of Ireland, Galway, Ireland Major subjects: Econometrics, advanced microeconomics, advanced macroeconomics, financial economics and money and banking.

Employment History	
2020 – present	Senior Research Fellow, Trinity College Dublin, Ireland GreenCar project (SEAI). Project is exploring household car decisions and the barriers towards lower-carbon transportation. Labelling field trial in conjunction with Hyundai Ireland.
2017 – 2020	Postdoctoral Research Fellow, Trinity College Dublin, Ireland CONSEED project (H2020). Project is exploring the importance of energy efficiency and the effects of new and existing energy efficiency labels across multiple sectors/countries
2019 (ongoing)	Short-Term Consultant, World Bank Applying behavioural insights to household grant application processes in Poland
2014 – 2016	Research Economist, Central Bank of Ireland, Dublin, Ireland Employed in the Financial Stability Division, focusing on SME finance.
2009 – 2011	Self-Employed, Galway, Ireland Food manufacturing (under the name <i>Cois Farrage Foods</i>) and distribution to a large number of retailers in the west of Ireland.
2008 – 2009	Assistant Lecturer, Galway-Mayo Institute of Technology, Galway, Ireland <i>European and Irish Economy</i> (final year Business Studies degree).
2006 – 2008	Research Assistant, Trinity College Dublin, Ireland Project analysed the effects of decoupling (of direct payments) on productivity in Irish Agriculture.
2006 – 2007	Teaching Assistant, Trinity College Dublin, Ireland <i>Introduction to Economic Policy and Economy of Ireland</i>

Publications	
	<ul style="list-style-type: none"> • Carroll, J. Lyons, R. and Denny, E. (2019 – submitted) Omissions and Errors in Household Energy Cost Forecasts: Results from a National Property RCT. <i>American Economic Journal: Economic Policy</i> • Carroll, J., Brazil, W., Morando, B. and Denny, E. (2019 – submitted) The Gender-Bike Gap and the Role of Cycling Infrastructure. <i>Transportation Research Part D: Transport and Environment</i> • Carroll, J., Brazil, W., Howard, M. and Denny, E. (2019 – submitted) Climate Awareness and Household Energy Decisions. <i>Journal of Economic Behavior and Organization</i> • Brazil, W., Kallbekken, S., Sælen, H and Carroll, J (2019) <u>The role of fuel cost information in new car sales.</u> <i>Transportation Research Part D: Transport and Environment</i>, 74, 93-103. • Carroll, J. and McCann, F. (2017) <u>Observable and Residuals: Exploring Cross-Border Differences in SME Borrowing Costs.</u> <i>Journal of Financial Services Research</i> • Carroll, J., Aravena, C. and Denny, E. (2016) <u>Low energy efficiency in rental properties: Asymmetric information or low willingness-to-pay?</u> <i>Energy Policy</i>, 96, 617-629 • Carroll, J., Denny, E. and Lyons, S. (2016) <u>The Effects of Energy Cost Labelling on Appliance Purchasing Decisions: Trial Results from Ireland.</u> <i>Journal of Consumer Policy</i>, 39(1), 23-40

- Carroll, J. and McCann F. (2016) Understanding SME interest rate variation across Europe. *CBI Quarterly Bulletin Signed Articles*, 2 (April 16)
- Carroll, J., Mooney P. and O'Toole C. (2016) Irish SME Investment in Economic Recovery. *CBI Quarterly Bulletin Signed Articles*, 2 (April 16)
- Central Bank of Ireland (2016; 2015) SME Market Report. (multiple editions)
- Breen, O. and Carroll, J. (2015) Chapter 10: Giving in Ireland - A nation of givers in a largely unregulated arena in Wiepking, P and Handy, F. (eds), *Palgrave Research Companion to Global Philanthropy*
- Carroll, J., McCann, F. and O'Toole, C. (2015) The use of personal guarantees in Irish SME lending. *Central Bank of Ireland Economic Letter Series*, 6
- Carroll, J., Denny, E. and Lyons, S. (2014) Reducing Electricity Demand through Smart Metering: The Role of Improved Household Knowledge. *Energy Economics*, 45, 234-243
- Carroll, J., Newman, C. and Thorne, F (2011) A comparison of stochastic frontier approaches for estimating technical inefficiency and total factor productivity. *Applied Economics*, 43, 4007-4019
- Carroll, J., McCarthy, S. and Newman, C. (2005) An Econometric Analysis of Charitable Donations in the Republic of Ireland. *Economic and Social Review*, 36, 229-51

Conference Presentations

- Carroll, J., Denny, E. and Lyons, R. (2019) *The Impact of Energy Cost Forecasts on the Energy Efficiency Premium in Property Sales: Results from a National RCT with daft.ie* (IEA, Cork: May; IEW, Paris: June, EEM19, Ljubljana: September)
- Carroll, J., Brazil, W. and Denny, E. (2019) *What Drives the Gender-Cycling Gap? Census Analysis from Ireland* (Velo-City, Dublin: June)
- Carroll, J., Howard, M. and Denny, E. (2019) *Climate Awareness and Household Energy Choices: Results from Randomised Discrete Choice Experiment* (IEA, Cork: May; IEW, Paris: June, EEM19, Ljubljana: September)
- Carroll, J., Denny, E. and Lyons, R. (2017) *The role of energy efficiency labels on property choices in Ireland* (IAEE, Vienna: September)
- Carroll, J., Denny, E. and Lyons, R. (2017) *A field experiment examining the potential for monetised energy performance certificates in the rental and sales property sectors* (Behavioural Economics and Energy Workshop, Dublin: June)
- Carroll, J., and McCann, F. (2015) *Understanding SME interest rate variation across Europe* (Dublin Economics Workshop, Athlone: September)
- Carroll, J., Denny, E. and Lyons, S. (2014) *Increasing Efficient Appliance Purchases Through Lifetime Energy Cost Information* (Young Energy Economists and Engineers Seminar, Dresden: April; ENERDAY, Dresden: April; Irish Economic Association, Limerick, Ireland: May; International Energy Workshop, Beijing: June)
- Carroll, J., Denny, E. and Lyons, S. (2013) *Reducing Electricity Demand through Smart Metering: The Role of Improved Household Knowledge* (Young Energy Economists and Engineers Seminar, Vienna: March; Irish Economic Association, Maynooth, Ireland: May; ERC Research Symposium, UCD, Ireland: May)
- Carroll, J., Newman, C. and Thorne, (2007) *F. A comparison of stochastic frontier approaches for estimating technical inefficiency and total factor productivity* (European Workshop on Efficiency and Productivity, Lille, France: June)

Additional Information

- Regular contributor to RTE *Brainstorm*
- Member of editorial oversight board at *Benefacts*
- Statistical software: R, STATA and NLOGIT, JMP
- Short courses:
 - Stated choice methods (St. Gallen: June 2017; Umea University: May 2013)
 - Empirical banking (Florence School of Banking: September 2016)
 - Advanced econometrics (UCD, Ireland: December 2012)
 - Stochastic frontier analysis (University of Wageningen: June 2007)
 - Creativity and innovation (TCD Innovation Academy, Dublin: March 2014)
- Volunteer at Crosscare (Dun Laoghaire)
- Long-distance open-water swimmer