PROFESSIONAL EXPERIENCE

Economist, European Central Bank	Oct/2022-ongoing
 Economist, Monetary Analysis Division 	
Senior Financial Stability Expert, European Central Bank O Senior Financial Stability Expert, Stress Test Modelling Division	Jan/2022-Oct/2022
 Economist, Central Bank of Ireland Economist, Macroprudential Analysis Team, Macro-Financial Division Associate Economist, Macroprudential Policies Team, Macro-Financial Division 	Oct/2017-Dec/2021 June/2018- Dec/2021 Oct/2017-May/2018
European Central Bank o Trainee, Macro-Financial Policies Division of the Directorate General Macroprudential Policy and Finan o Consultant Stress Test Modelling Division of the Directorate General Macroprudential Policy and Finan	5
European Climate Foundation	June/2014- June/2015
GreenLabUC Consultancy	July/2013- Sept/2013
EDUCATION	
Part-time PHD in Economics, Queen Mary University in London Supervisor: Haroon Mumtaz, Second supervisor: Jason Sturgess	Sept/2018 – current
	Sept/2018 – current Sept/2015 – July/2016
Supervisor: Haroon Mumtaz, Second supervisor: Jason Sturgess Barcelona Graduate School of Economics	
Supervisor: Haroon Mumtaz, Second supervisor: Jason Sturgess Barcelona Graduate School of Economics Master in Specialized Economic Analysis: Macroeconomic Policy and Financial Markets	Sept/2015 – July/2016

RESEARCH PAPERS & WORK IN PROGRESS

O'Brien, M. and Velasco, S. (2020). "Unobserved components models with stochastic volatility for extracting trends and cycles in credit." Research Technical Paper, Central Bank of Ireland.

Budnik, Affinito et al. (2019) "The benefits and costs of adjusting bank capitalisation: evidence from euro area countries", ECB Working Paper Series No. 2261

POLICY CONTRIBUTIONS

Kennedy, Gerard , Neill Killeen, Alexandros Skouralis, Sofia Velasco and Michael Wosser (2021) "COVID-19 and the commercial real estate market in Ireland". Financial Stability Notes, No. 4/FS/21. Central Bank of Ireland

Hallissey, Niamh, Martin O'Brien and Sofia Velasco (2019). "Box 6: Estimating the impact of mortgage measures on the housing market", Financial Stability Review 2019:II, Central Bank of Ireland

O'Brien, Martin and Sofia Velasco (2019). "Box 7: An enhanced measure of cyclical risk for Ireland", Financial Stability Review 2019: I, Central Bank of Ireland.

O'Brien, Eoin, Martin O'Brien and Sofia Velasco (2018). "Measuring and mitigating cyclical systemic risk in Ireland: The application of the countercyclical capital buffer". Financial Stability Notes, No. 4/FS/18. Central Bank of Ireland.

TEACHING EXPERIENCE

Macroeconomics I, TA to Prof. Viktor Steiner, Freie Universität Berlin	Fall 2011, Fall 2012
Macroeconomics II, TA to Prof. Viktor Steiner, Freie Universität Berlin	Spring 2012