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Nationality: Portuguese

D.O.B.: 16/02/1985

Employment History

Office for Life Sciences

2021- **Economic Adviser**

Helped deliver the successful £20m Medicines and Diagnostics Manufacturing Transformation Fund, and the £60m Life Sciences Innovative Manufacturing Fund. Responsibilities included designing the funds' appraisal process, economic analysis of bids and due diligence, alongside stakeholder engagement. Led the analysis for a wide range of projects in the Office for Life Sciences.

Pro Bono Economics

2020- **Economic Associate**

Provide data analysis and manage delivery of reports on interventions by charities.

Middlesex University

2018-2021 **Lecturer**

Developed and taught modules in Monetary Policy and Banking in Theory and Practice. Developed independent research projects on papers in applied macroeconomics, which involved developing and running theoretical and computational models, along with data analysis of using time series and panel data methods.

University of Warwick

2015-2018 **Teaching Fellow**

Developed and taught modules in several advanced topics at both the undergraduate and graduate levels, including fiscal and monetary policy, and R&D and innovation. Tutored modules on macroeconomics and supervised graduate and undergraduate research projects. Developed own research agenda with work on computational macroeconomics and analysis of firm level data.

University of Essex

2013-2015 **Lecturer**

Developed and taught modules in international macroeconomics and international finance. Tutored modules on macroeconomics, financial innovations, monetary policy and banking, mathematical methods for graduate and undergraduate students, along with introductory economics. Developed own research agenda with work on computational macroeconomics and analysis of firm level data.

Other Working Experience

2019	Consultancy for the Bank of Angola Developed and organised a three week long workshop on DSGE modelling for a consultancy working with the Bank of Angola with a view towards developing a macroeconomic model of the Angolan economy.
2017	Book Review and Feedback Involved in reviewing and providing feedback to early versions of academic manuals published by Oxford University Press, primarily in the topics of international macroeconomics.
2007	Project coordinator at Espaço do Tempo In charge of managing a seasonal bar, which involved coordinating and supervising a group of more than five part-time workers, hiring, designing pay schedules and work timetables, purchasing consumables and stock management.
2002-6	Project collaborator at Espaço do Tempo Collaborator in a variety of projects at the choreographic centre 'O Espaço do Tempo', including the summer bar, occasional events and the activities programme for the 2006/07 season.

Articles & Reports

02/2020	Abolishing the Factory Tax: How to Boost Investment and Level Up Britain at shorturl.at/fnxLM
05/2020	Article on the impact of Covid-19 in Sweden at shorturl.at/rwzR0
02/2021	Essay on the debt dynamics in the UK post-Covid-19 at shorturl.at/cnMW4

Education

2008–2014	PhD in Economics, University of Essex, United Kingdom.
2007–2008	MSc in Economics (with distinction), University of Essex, United Kingdom.
2003–2007	Licenciatura (4 year undergraduate degree) in Economics, Évora, Portugal.

Software expertise

Competent	Stata, LaTeX, R
Fair	Matlab, Dynare
Basic	python

Working Papers

Title	<i>Endogenous Distancing</i> with <i>Saloni Dattani and Rohan Shah</i>
<i>Description</i>	In this paper, we expand the standard SEIR model to include consumption and labour supply decisions by households in the different epidemic states, along with uncertainty at the aggregate level, to assess the impact of various policy measures on economic activity and well-being.
Title	<i>R&D Smoothing: Evidence and some theory</i>
<i>Description</i>	Using firm level data for listed companies in the US, I estimate the relationship between the growth rate of sales (and value added) and the growth rate of research expenditure. I find that there is evidence of mild pro-cyclicality and a substantial degree of expenditure smoothing.

Work in Progress

Title	<i>Does growth matter for cycles?</i>
Title	<i>Bail-in or Bail-out? Welfare implications of debt restructuring</i> with <i>Miguel Rocha de Sousa</i>
Title	<i>The opportunity cost hypothesis and the cyclical behaviour of research spending</i>

Other Training

09/2011	GTA Training Workshop, The Economics Network
04/2013	RES Easter School Scholarship: Financial Frictions and Computational DSGE (Pearlman, Levine)
09/2014	Advanced Courses on DSGE Macroeconomic Modelling CIMS Summer School, University of Surrey

Research interests

Intellectual property rights, DSGE modelling, Growth theory, R&D and cycles, Monetary Economics, Monetary Policy, Macro-epidemiology

Invited Talks

2016	Adam Smith Institute Forum, Edmond J. Safra Lecture Theatre at King's College London link: https://www.adamsmith.org/events/forum
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Presentations

2010 — 2012	Research strategy seminars, Department of Economics, University of Essex
2013	Seminar, Department of Economics, Handelshøgskolen - Universitetet i Tromsø
2013	Seminar, Department of Economics, University of Essex
2017	Workshop Seminar, Department of Economics, University of Warwick
2019	Seminar, Department of Economics, Middlesex University

Awards

2007	Recipient of the 'Prémio Eugénio de Almeida', an award that distinguishes the best students in Business, Economics and Sociology at the University of Évora for the academic year of 2006/2007
2005/06	Winner of the merit scholarship at the University of Évora for the highest average mark in Economics for the academic years of 2005/2006 and 2006/2007
2012	Graduate Teaching Assistant Prize (for excellence in teaching) for 2011/2012
2014	Graduate Teaching Assistant Prize (for excellence in teaching) for 2013/2014
2018	Recipient of an Award under the Department's Recognition Scheme for Excellent Performance or Outstanding Contribution

Languages

Portuguese	Mother tongue
English	Fluent
Spanish	Fluent