

# TIMOTHY HUNT

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## RESEARCH INTERESTS

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Economics of ageing, intra-family interaction and competition, economics of housing, social insurance

## EDUCATION

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### **PhD (DPhil) Candidate in Economics**

2022-

University of Oxford - Nuffield College

Supervisors: Hamish Low, Abi Adams, Romuald Méango

Thesis Title: *Household Decisions Over the Life Cycle*

### **MPhil in Economics**, Distinction

2020-2022

University of Oxford - Nuffield College

Supervisor: Ian Jewitt

Thesis Title: *The distributional consequences of social care reform in England*

MPhil Prize (*proxime accessit*) for best exam performance in first-year exams

### **BA Philosophy, Politics and Economics**, First Class

2017-2020

University of Oxford - Balliol College

Hicks/Webb Medley Prize for best exam performance in Economics

## RESEARCH PAPERS

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### **Sharing the caring? Dynamic interaction between siblings in the provision of care to parents**

Working paper (2025), R&R at Journal of the European Economic Association

Abstract: Adult daughters provide nearly three times as many hours of care to elderly parents as adult sons do. I analyse the role of strategic interaction between siblings in exacerbating this gap in care provision. To do so, I build and estimate a dynamic discrete-choice game in which siblings make location, work and care choices. I find that the opportunity for strategic play increases gender differences in caring responsibilities. Sons in particular strategically shirk providing care as they believe their sibling is relatively likely to provide care in their absence. Counterfactual experiments show that if siblings instead took care, location and work choices independently then the gender care gap would be around 31% smaller. Also, I find that unobserved preference differences between sons and daughters are far more important in driving the gender care gap than observed differences in wages.

### **Where's my pension gone? Labour supply effects of mistakes in retirement planning**

Working paper (2025)

Abstract: I analyse how agents respond to realising mistakes in their retirement planning using a reform to the state pension age for women in the UK. This reform raised the age at which women could start receiving their public pension by several years. However, many women were not aware that this reform had been put in place, leading them to have mistaken beliefs about when they would be able to start receiving their pension. I first document the correlates of mistaken beliefs using data from the English Longitudinal Study of Ageing (ELSA) and present descriptive evidence suggesting an increase in labour supply after people realise they were mistaken about their pensions. I then build a life-cycle model of consumption and labour supply around retirement, where agents face a cost of cognitive effort of paying attention to reforms to the pension system, and I estimate the model by matching data moments from ELSA for the cohorts of affected women. I find that mistaken beliefs about the reform cost agents £1148 on average, with notable heterogeneity by demographics, and that agents in the model significantly increase labour supply once they realise their mistakes.

## Long-term care policy and housing market efficiency

Working paper (2025)

Abstract: In many countries government policy on funding long-term care for older people incentivises holding housing wealth over financial wealth through exempting housing wealth from the test for means-tested government support with long-term care costs (a "homestead exemption"). I analyse the degree to which such exemptions distort the housing demand of older people and the effects on younger people through the housing market using the UK as my setting. I build and estimate an overlapping generations model of the housing market where multiple generations trade houses over the course of their life cycles while facing income, longevity and health risk. By comparing housing market steady states with and without the homestead exemption, I find that a budget-balanced removal of the homestead exemption would reduce house prices by 23% and increase welfare by an equivalent of a £422 annual increase in consumption per household. The main beneficiaries are those with less housing wealth in the initial steady state, whereas those who lose out most are those with long-term care problems and more inherited wealth in the initial steady state.

## Childcare, elder care and the gender care gap

Work in progress (joint with Dianne McWilliam, University of Michigan)

Abstract: We evaluate the effect of policies to encourage fathers to take paternity leave on their care provision to the elderly parents later in life using reforms to the German parental leave system.

## RESEARCH EXPERIENCE

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<b>Research Assistant: PSID Life Cycle project</b> PI: Hamish Low (Federal Reserve Bank of Chicago)	<i>Summer 2025</i>
<b>Research Assistant: Empirical Justice project</b> PI: Abi Adams (Northwestern University)	<i>Summer 2025</i>
<b>Research Assistant: Marriage Market project</b> PI: Alison Andrew (University of Oxford)	<i>Spring 2025</i>
<b>Contributor: REAL Demand Unit Social Care Pathfinder</b> PI: Sasha Shepperd (Health Foundation)	<i>Spring 2025</i>
<b>Research Assistant: Monopsony and Flexible Work project</b> PI: Tom Waters (IFS)	<i>Spring 2024</i>
<b>Research Assistant: GARP and Parallelisation project</b> PI: Ian Crawford (University of Oxford)	<i>Summer 2023</i>
<b>Research Assistant: UKRI Funding project</b> PI: Hamish Low (Federal Reserve Bank of Chicago)	<i>Autumn 2022</i>
<b>Research Assistant: Populism and the Economy project</b> PI: Manuel Funke (Institute for the World Economy, Kiel)	<i>Summer 2021</i>

## TEACHING EXPERIENCE

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<b>Lecturer in Economics</b> Balliol College, University of Oxford	2022-
<b>Tutor: Quantitative Economics (undergraduate)</b> Course Convenor: James Duffy (University of Oxford)	2025
<b>Tutor: Introductory Macroeconomics (undergraduate)</b> Course Convenor: Michael McMahon (University of Oxford)	2025
<b>Tutor: Introductory Microeconomics (undergraduate)</b> Course Convenor: Ian Crawford (University of Oxford)	2022-
<b>Tutor: Introductory Probability &amp; Statistics (undergraduate)</b> Course Convenor: Ian Crawford (University of Oxford)	2022-
<b>Tutor: Microeconomics (undergraduate)</b> Course Convenor: Miguel Ballester (University of Oxford)	2022-

## ACADEMIC VISITS

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<b>University of Michigan</b> Visiting: Ana Reynoso (University of Michigan)	Aug-Dec 2024
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## REFEREEING WORK

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<b>Journal of Human Resources</b>	2025-
<b>Oxford Economic Papers</b>	2024-

## SKILLS AND ATTRIBUTES

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<b>Software</b>	Python, R, MATLAB, Fortran, Stata
<b>Languages</b>	English (native), Spanish (proficient, studying for C1 certificate), Welsh (proficient), French (intermediate)
<b>Nationality</b>	UK, Malta