

Profile

**RESEARCH:** Statistical epidemiologist focused on ageing, multimorbidity, and health inequalities. I develop and apply advanced longitudinal and Bayesian methods and lead PACSim, a microsimulation engine projecting population morbidity, function, and mortality to inform national policy and service planning.

**EDUCATION:** Director of Newcastle’s Master of Public Health, where I drive curriculum design that is research-led and data-driven. I embed quantitative and simulation methods into teaching to equip graduates with the skills to address contemporary public health challenges.

Career Appointments

Newcastle University	Senior Lecturer in the Epidemiology of Ageing	Jan 2019–Present
Newcastle University	Newcastle University Research Fellow	Feb 2018–Dec 2019
NIHR School for Primary Care Research (SPCR)	Research Fellow	Feb 2017–Jan 2018
Newcastle University	Research Associate in Medical Statistics	Sept 2008–Jan 2017

Education

Newcastle University	PhD Epidemiology/Statistics	July 2016 (part-time)
University of Leicester	MSc in Medical Statistics	Sept 2008
Northumbria University	BSc Honours in Mathematics	June 2005

Grants & Funding

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NIHR	Healthy Ageing Policy Research Unit	Co-applicant	£5.5M	2024–2029
NIHR	Extending Working Lives for People with Musculoskeletal Conditions	Co-applicant	£749,437	2023–2026
Wellcome Trust	North and South: Regional Health Inequalities in England	Co-applicant	£913,683	2021–2026
Legal & General	Advanced Care Research Centre (The Person in Context)	Co-applicant	£1.3M	2020–2025