



UNSW
SYDNEY

RISK



Insuring and Financing the Risks of Ageing

Retirement is a huge personal and financial step-change in life. Research on modelling and managing the risks of ageing can provide strategies and policy proposals which ensure individuals meet their retirement income and aged care needs.

Competitive advantage

- Actuarial and risk expertise in the globally leading Actuarial Business school program (The UNL Global Research Rankings of Actuarial Science and Risk Management & Insurance)
- Thought leadership with a long research track record in longevity risk and ageing research coordinated through the UNSW Actuarial Longevity Risk Research group
- Innovative research approach incorporating machine learning and data analytics to modelling mortality and health status
- Strong industry links to insurance and financial sectors

Impact

- Leading the world in aggregate mortality modelling applying financial modelling techniques to longevity risk and ageing
- Industry recognised development of state-of-the-art models for functional disability with trends and uncertainty for application to the design of insurance products
- Recognition of research by actuarial professional bodies including the Society of Actuaries in North America

Successful outcomes

- Research inputs into Federal Government Reviews including the Retirement Income Review and Financial System Inquiry
- New models for longevity risks as well as health status and functional disability with improvement trends and uncertainty for insurance applications published in leading international actuarial journals

Our partners

- Society of Actuaries in North America

More Information

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