



**Manchester Institute for
Collaborative Research on Ageing
University of Manchester**

**The Role of Technologies for the
Wellbeing of the Older Population**

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Main goals of the Institute

- Advance **knowledge** about ageing through the pursuit of high quality research
- Build **research capacity** in ageing across the University
- Translate research into wider **knowledge exchange**, and where applicable, practice and policy change
- Transform **public and professional perceptions** of ageing
- **Engage** with older people and organisations working on their behalf

Grant Awards Revealed Three Themes & Eleven Overlapping Subject Areas

Biological Ageing

Skin Ageing

Dementia
@MCR

Sensory
Impairment

Biological
Mechanism
of Ageing

Ageing & Health

Care Services
& Ageing

Public Health
& Ageing

Dementia
@MCR

Technology
and Ageing

Social Ageing

Ageing and
Everyday Life

Dementia
@MCR

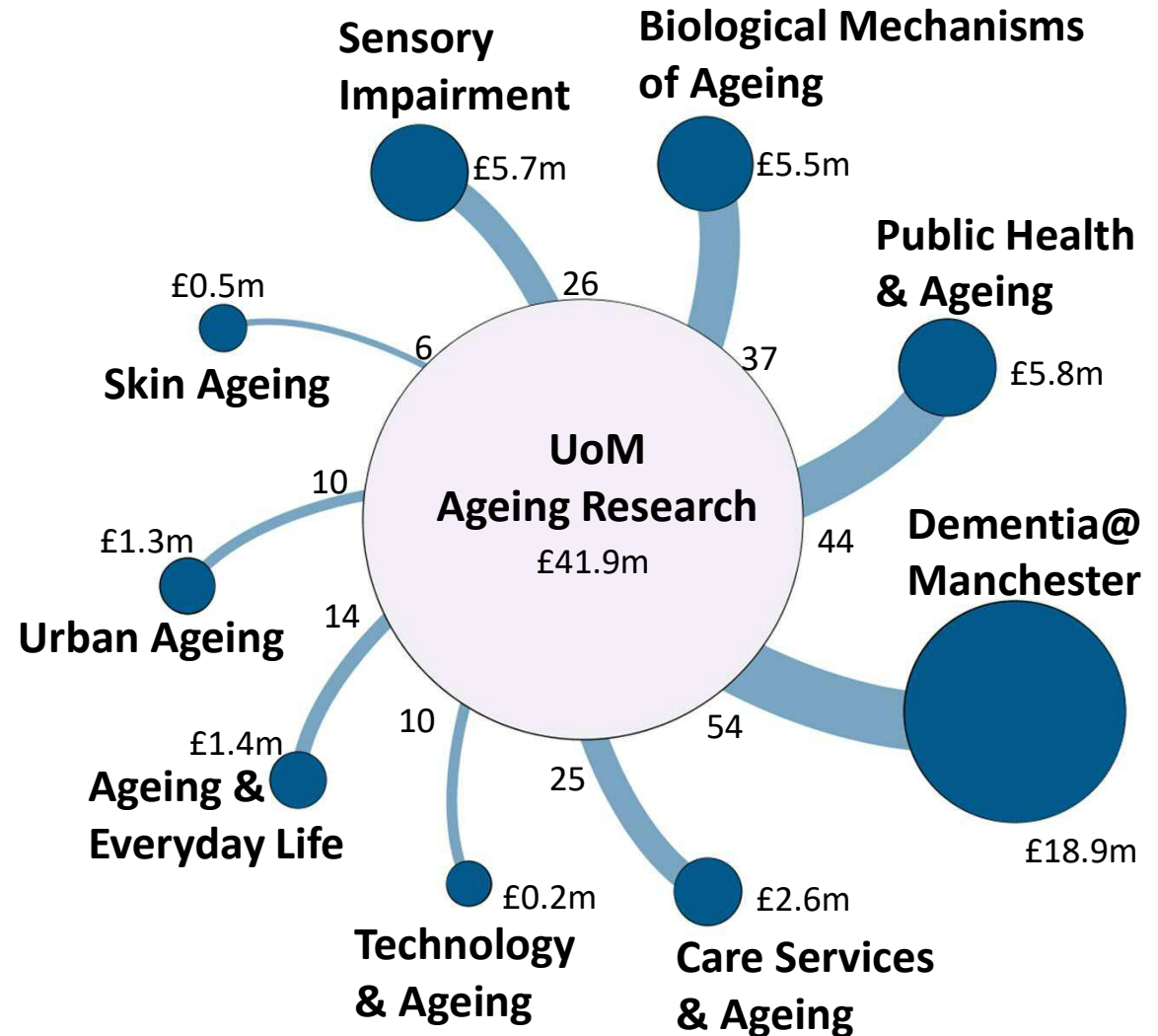
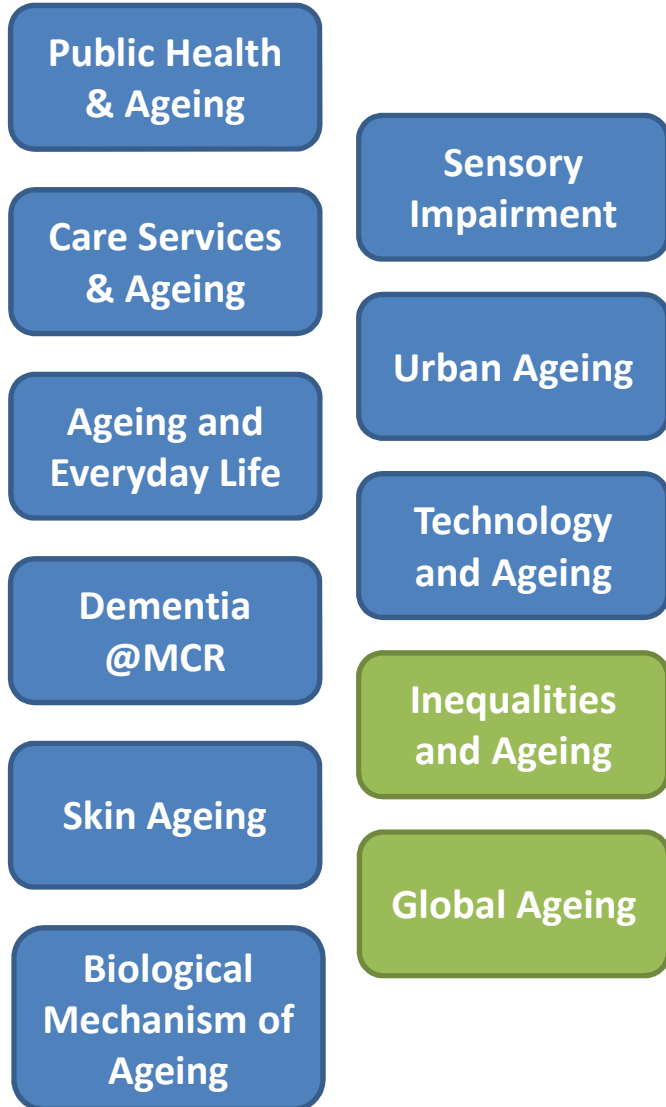
Technology
and Ageing

Urban
Ageing

Global
Ageing

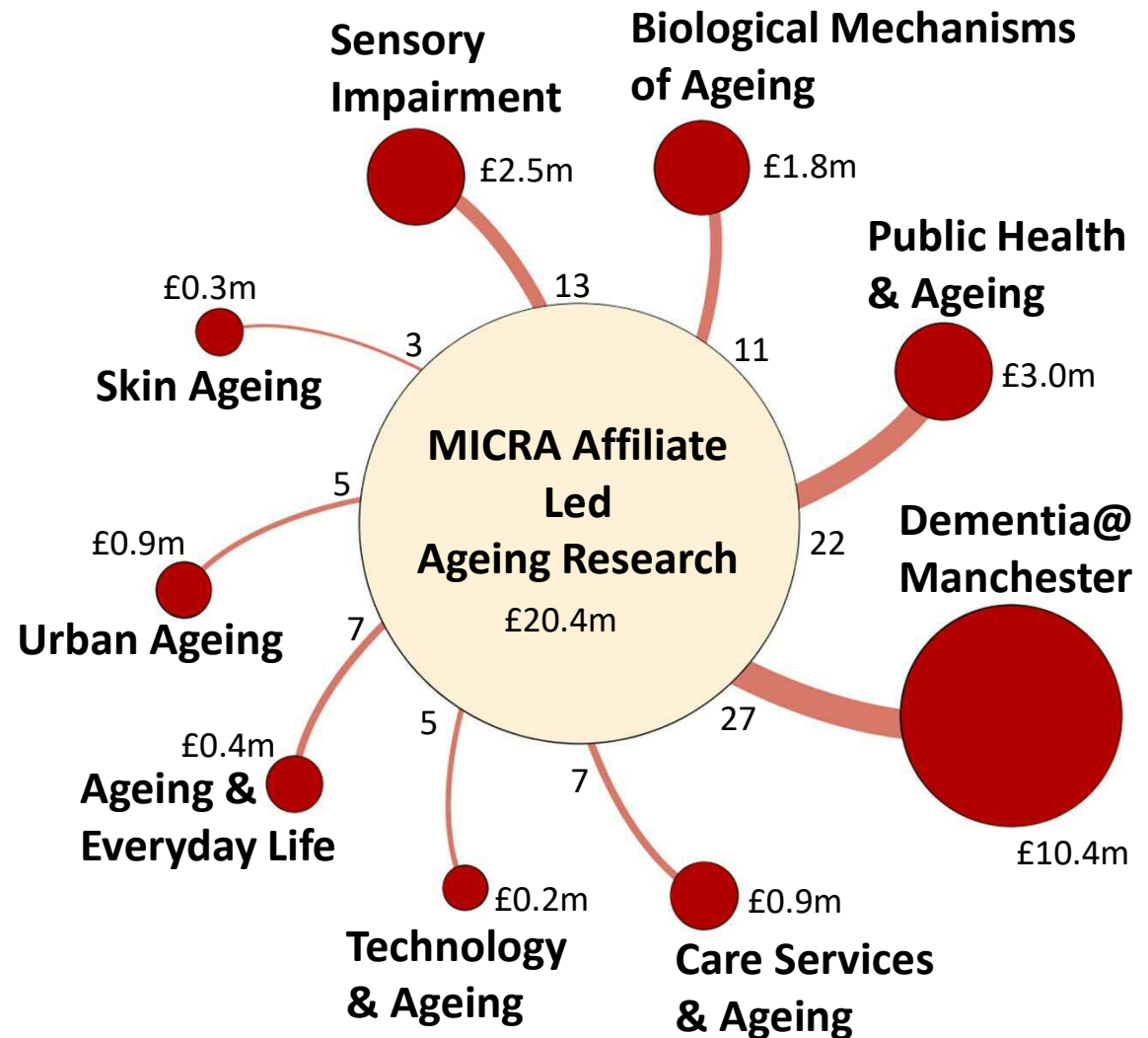
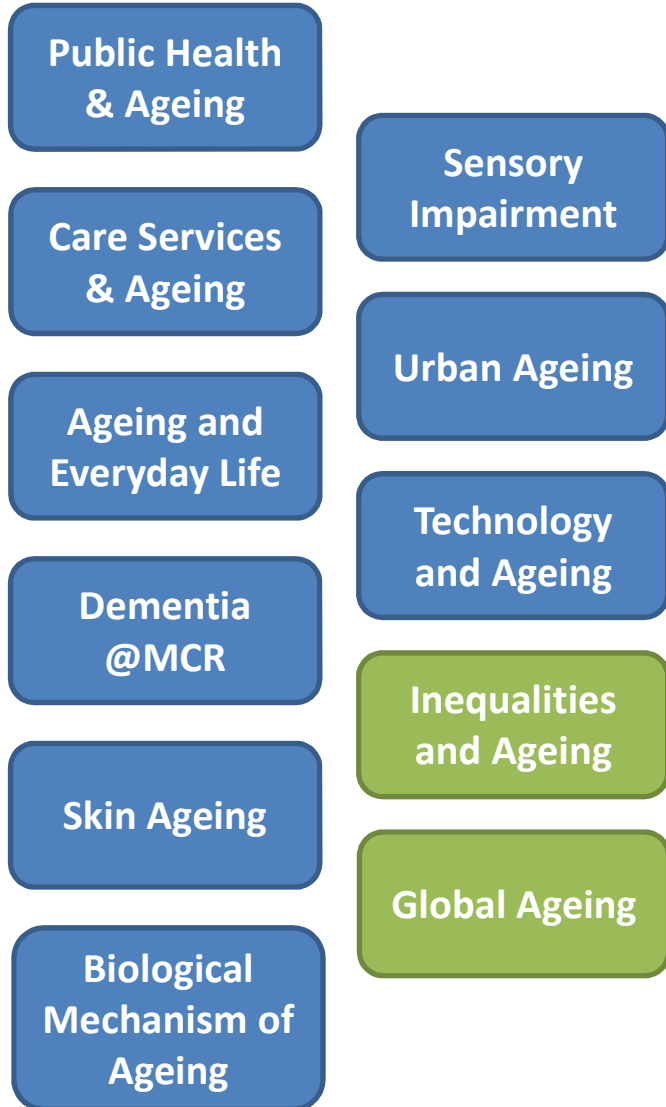
Ageing &
Inequalities

Ageing Research Themes Based on Grant Awards 2010-2017



Nodes represent RVPI; Lines represent PI's and Co-I's, some PIs/CIs appear under more than one theme

Ageing Research Themes for MICRA Afflicted Research



Nodes represent RVPI; Lines represent PI's and Co-I's - some PI's/CI's appear under more than one theme

The logo for MICRA is a blue rectangular shape with a white tab on the left side, resembling a document or a folder. The word "MICRA" is written in white, bold, uppercase letters in the center of the blue area.

MICRA

- **Cross-faculty** institutional network for supporting **interdisciplinary ageing research** at UoM (established 2010)
- Supported by director, deputy and co-directors and cross-faculty management committee
- 300 affiliated researchers within UoM
- In the period August 2018 – June 2020, **130 new grant awards** involving MICRA members
- International collaborations with European and North American universities
- Strong emphasis on **sociological aspects of ageing** relating to class, ethnicity and gender. Particular interest in ageing in socially excluded communities and groups

The Role of Technologies for the Wellbeing of the Older Population

FBMH:

Healthy Ageing Research Group - gerontology research focus on mobile phones, ICT-based m-health systems and residential care

School of Health Sciences – Manchester Digital Pain Manikin app

Humanities:

Global Development Institute – SMARThealth primary care intervention

MICRA – Ambition for Ageing literature review

FSE:

EEE - Sensor technology for health monitoring in flooring / gait analysis

Materials - Clothing choices available for different generations and its impact on wellbeing

The Role of Technologies for the Wellbeing of the Older Population



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