RESEARCH SHOWCASE 21st September 2011

10:00 Arrival and refreshments

10:15 **Welcome**
By the Vice Chancellor, Professor Julia King

10:30 **Keynote lecture: *Fighting for sight in older adults - are we winning the war?***
Jonathan Gibson MB BS, MD, FRCSEd, FRCOphth
Professor of Ophthalmology and Consultant Ophthalmologist

11.00 **Introduction to ARCHA and its research clusters**
Dr Roslyn Bill, Director, ARCHA

11:05 **Ageing Metabolism: *The uncanny relationship between obesity, diabetes and ageing***
Professor Cliff Bailey
Chair: Dr James Brown

11:25 **Ageing and Healing: *The impact of hospital infections on our ageing population***
Professor Peter Lambert
Chair: Dr Richard Martin

11:45 Lunch and Poster Viewing

13:00 **Ageing Eye: *Can ocular ageing be reversed?***
Professor James Wolffsohn
Chair: Professor Brian Tighe

13:20 **Ageing Mind: *Abnormal brain rhythms in Parkinson's disease***
Dr Stephen Hall
Chair: Dr Eric Hill

13:40 **Ageing Lives: *Digging for victory! The role of post-retirement activity on memory***
Dr Carol Holland
Ageing Lives: *Making sense of adult social care*
Dr Karen West
Ageing Lives: *Tablets that melt in the mouth: formulations for the future*
Dr Afzal-Ur-Rahman Mohammed
Chair: Dr Carol Holland

14:20 **ARCHA in clinical practice**
Translating research into clinical practice.
Dr Srikanth Bellary
Just retired, or too tired? The impact of sleep problems on everyday life
Dr Dev Banerjee

14:40 **Poster prizes, refreshments and closing comments**
Professor Helen Griffiths, Executive Dean, School of Life and Health Sciences and Professor Robert Berry, Executive Dean, School of Engineering and Applied Science

15:00 **Participation Panel Forum**

ARCHA Participation Panel Forum, Wednesday 21st September 2011

ARCHA runs a participation panel for adults aged 50 and over who would like to find out more about research into healthy ageing and become involved in contributing to our studies. This forum provides a chance to meet Aston University researchers and to find out how their research studies in health and wellbeing are shaping the future.

We will present short talks from 15:00 to 16:00 hours, followed by refreshments and an opportunity to talk informally to the speakers, researchers and staff who support and conduct research on ageing and the medical, social and behavioural issues of older people.

15:00	**Prof. Helen Griffiths** Executive Dean, School of Life and Health Sciences	Welcome and Introduction
15:10	**Dr James Brown**	How do obesity and metabolic disorders control how our cells age?
15:20	**Dr Doina Gherghel**	Vascular ageing through the human eye
15:30	**Dr Carol Holland**	Maintaining safe mobility: the issue of driving
15:40	**Dr Karen West**	The financial crisis and the battle of the generations
15:50	**Refreshments - Meet the speakers and view posters from other researchers**	
	Posters presented by:	
	Dr Eustace Johnson	Cell-based therapies in regenerative medicine
	Dr Chris Dunston	MARK-AGE: European study to establish biomarkers of human ageing
	Lois Hawkins	Understanding the role of the immune system in heart disease
	Chatyan Pararasa	Dietary fatty acids and ageing
	Joel Subash	Human body composition and is diagnostic potential
	Amy Bennion	Cathleen's Story
	Kim Ronnqvist	Controlling rhythms in the brain in health and Parkinson's disease.
	Charlotte Bland	Sample visualisation: the ARCHA imaging facility
	Andrea Nini	Variations in writing styles with age, gender and education
17:00	**Dr Roslyn Bill,** ARCHA Director	Closing comments