

SPARC Award Holders and Details of their Projects and Outputs available on the SPARC Website

at 22nd December 2008

Principal Investigator & Other Key Investigator or Researcher	Institution	Project Title Details including link to project posters	Months	Executive Summary on Web	Interview on Web	Workshop at which Presentations have been made
				Value		
Life in the Home						
Mr Philip Astley	South Bank	Integrating the technological and social models of later life in the maintenance and adaptation of private housing	12	£30,500	Yes	1. Ageing Research and Occupational Therapy 2007 2. Research for a Better Age - Hexham 2007
Dr Shaun Lawson	Lincoln	Multimodal augmented reality to support ageing in place	12	£28,994	Yes	Yes 1. New Technologies for Support and Care 2007 2. Technologies for Health, Rehabilitation and Self Management of Long Term Conditions 2008
Professor Paul Chamberlain	SHU	Design and the Home	12	£23,178	Yes	1. Ageing Research and Occupational Therapy 2007 2. New Technologies for Support and Care 2007
Product Design						
Dr Alaster Yoxall	Sheffield	The 'inclusive engineering' approach: enhanced data gathering for an optimum diameter for ease of opening	6	£17,048	Yes	Yes 1. Design for Older People 2006 2. Older People Going Places 2008 3. Design Research and its Applications for Ageing Populations 2008
Dr Avril Thomson & Dr Ben Stansfield	Strathclyde	Designer relevant bio-mechanical data : Packages opening in an older adult population	12	£56,587	Yes	Yes 1. Design Research and its Applications for Ageing Populations 2008
Interface Design						
Dr Faustina Hwang	Reading	Improving computer interaction for older users: an investigation of dynamic on-screen targets	12	£42,703	Yes	Yes 1. Promoting Independence through New Technology 2008 2. Technologies for Health, Rehabilitation and Self Management of Long Term Conditions 2008 3. Older People Going Places 2008
Dr Panayiotis Zaphiris	City	Mathematical Modelling of Age Related Differences in Web Browsing	12	£26,600	Yes	1. Promoting Independence through New Technology 2008
Care Systems						
Dr Christos Vasilakis	Westminster subsequently UCL	Developing capacity for evaluating proposed policies in the care for older patients through computer simulations	12	£38,838	Yes	1. Rehabilitation in Ageing 2008
The Older Worker						
Professor Peter Buckle	Surrey	Understanding the design of the workplace for the older worker	12	£36,357	Yes	Yes 1. Old and Active 2007 2. Health Workplace Design and the Older Worker 2008 3. Older People Going Places 2008
Professor Alistair Gibb	Loughborough	Ageing in construction workers	12	£33,073	Yes	Yes 1. Health Workplace Design and the Older Worker 2008 2. Older People Going Places 2008

Getting Out and About

Mr Mike Bradley & Suzette Keith	Middlesex	An investigation into the advanced technology desires, needs and requirements of older drivers	18	£55,500	Yes	Yes	<ol style="list-style-type: none"> 1. Award Holders Workshop 2006 2. Research for a Better Age - Eastbourne 2006 3. Transport for Older People 2006 4. Growing Old in Wales 2008 5. Showcasing Ageing an Disability Research 2008
Dr Charles Musselwhite	Bournemouth <i>subsequently UWE</i>	Prolonging safe driving behaviour through technology: attitudes of older drivers	14	£27,691	Yes	Yes	<ol style="list-style-type: none"> 1. Transport for Older People 2006 2. Research for Better Age - Penzance 2007 3. Older People on the Move 2007 4. Older People Going Places 2008
Dr Gregory Marsden & Dr Mima Cattan	Leeds	Transport and older people: integrating transport planning tools with users needs	9	£24,963	Yes	Yes	<ol style="list-style-type: none"> 1. Transport for Older People 2006 2. New Technologies for Support and Care 2007 3. Outdoors a Step too Far? 2008 4. Older People Going Places 2008
Prof Richard Neale & Dr Jo Waters	Glamorgan	Design and community regeneration: Investigating personal safety concerns in socio-economically deprived communities in South Wales	9	£28,640	Yes	Yes	<ol style="list-style-type: none"> 1. Award Holders Workshop 2006 2. Transport for Older People 2006 3. Outdoors a Step too Far? 2008 4. Growing Old in Wales 2008

Vision

Dr Mark Hollands	Birmingham	The contribution of visuomotor decline to falls in older adults during adaptive locomotion	12	£51,472	Yes		<ol style="list-style-type: none"> 1. A Walk a Day Keeps a Fall at Bay 2007 2. Rehabilitation in Ageing 2008 3. Older People Going Places 2008
Dr Tom Freeman	Cardiff	Age, eye movement and motion perception	12	£37,229		Yes	<ol style="list-style-type: none"> 1. Older People on the Move 2007 2. Growing Old in Wales 2008
Dr Ian Michael Wormstone	UEA	Age-related signalling capacities of the human lens	12	£50,083			

Cognition and Communication

Professor Lorraine Tyler & Dr Meredith Shafto	Cambridge	Investigating the neural underpinnings of word-finding problems across the life span	12	£40,022	Yes		<ol style="list-style-type: none"> 1. Understanding the Ageing Brain 2007
Dr Maria Klara Wolters	Edinburgh	What makes synthetic speech difficult to understand for older people? The contribution of auditory ageing	6	£17,775	Yes		<ol style="list-style-type: none"> 1. New Technologies for Support and Care 2007
Professor Zoe Kourtzi	Birmingham	In search of bio-markers for cognitive ageing in the human brain	12	£29,961		Yes	<ol style="list-style-type: none"> 1. Award Holders Meeting 2007 2. Understanding the Ageing Brain 2007

Activity and Diet

Dr Gladys Onambebe-Pearson	MMU	Optimisation of skeletal muscle responses and quality of life to exercise in people over 60 years old: healthy diet vs dietary supplementation	12	£28,245	Yes	Yes	1. Old and Active 2007 2. A Walk a Day Keeps a Fall at Bay 2007 3. Transatlantic awareness and collaboration 2008 4. Older People Going Places 2008
Dr Sarah Aldred	Birmingham	Lipoprotein Oxidation in Ageing	12	£29,148	Yes	Yes	1. Rehabilitation in Ageing 2008
Dr Dianne Ford	Newcastle	The molecular basis of the beneficial effects of calorie restriction on ageing: DNA methylation influenced by Sirt1-mediated histone deacetylation	8	£44,682	Yes		1. Award Holders Meeting 2007 2. Transatlantic awareness and collaboration 2008
Dr Richard Ferguson	Strathclyde subsequently Loughborough	Temperature and velocity interactions in neuromuscular function during locomotion in older people	12	£51,322		Yes	1. Award Holders Meeting 2007
Dr Matthew Lancaster	Leeds	Ageing, exercise and gender: complex interactions and outcomes for all muscles	12	£25,500			

Chemical Biology of Ageing

Dr Terry Davis <i>initially Fiona Wyllie</i>	Cardiff	Evaluating the role of p38 MAP kinase in the accelerated ageing of WS fibroblasts	12	£39,992		Yes	1. Award Holders Workshop 2006 2. Chemistry and Biology 2006 3. Growing Old in Wales 2008
Dr Mark Bagley	Cardiff	Chemical tool for ageing research	12	£35,959		Yes	1. Chemistry and Biology 2006 2. Growing Old in Wales 2008
Dr Elizabeth Ostler	Brighton	Chemical analysis of ageing tissue in Drosophila melanogaster	18	£58,820	Yes		1. Transatlantic awareness and collaboration 2008

Ageing Mechanisms and Oxidative Stress

Dr Donald Palmer	RVC	Unnatural ageing of killer cells	12	£36,765			1. Research for Better Age - Penzance 2007
Professor Paul Winyard	Exeter	Application of high-throughput assays of oxidative stress to studies of the role of common genetic variation in healthy human ageing	12	£56,851			1. Research for a Better Age - Hexham 2007
Dr Richard Hartley	Glasgow	EPR, oxidative stress and ageing	18	£58,534	Yes	Yes	1. Transatlantic awareness and collaboration 2008
Dr Katrin Jennert-Burston & Dr Mark Yeoman	Brighton	A proteomics approach to understanding age-related changes in neuronal function	18	£53,920			1. Research for a Better Age - Eastbourne 2006 2. Funding Ageing Research 2008
Dr Andrew Trafford	Manchester	An investigative approach to define a role for endothelial nitric oxide synthase in the vascular biology of ageing and consequences for cardiac function	12	£32,695			
Dr Ilaria Bellantuono	Sheffield	Gene expression profiling to understand stem cell ageing	10	£28,288	Yes		1. Transatlantic awareness and collaboration 2008