

Research Grants and Contracts Awarded 2003-04

Accounting, Finance and Management

Award Holder	Funding Body	Amount	Project Title	Duration
Dr D Agrizzi	British Accounting Association Public Services - SIG	£1,600	Costing Information in NHS Trusts: Cost for Control?	18 months
Total		£1,600		

Art History and Theory

Award Holder	Funding Body	Amount	Project Title	Duration
Professor P Vergo	The Leverhulme Trust	£89,500	Music and the Visual Arts, Volume Two	10 days
Dr N Cox	The Leverhulme Trust	£19,218	Violence as Culture: a Surrealist History of Art	1 year
Dr M Giebelhausen	The British Academy	£4,500	Painting the Bible: representation and belief in mid-Victorian England	1 month
Dr D Roberts	The British Academy	£1,930	Platform to Prague: an international conference on Czech surrealism	2 days
Total		£115,148		

Biological Sciences

Award Holder	Funding Body	Amount	Project Title	Duration
Professor R Geider and Dr C Raines	Natural Environment Research Council	£364,846	Acclimation of photosynthesis to carbon dioxide, nutrient and light limitation in the coccolithophore <i>Emiliana huxleyi</i>	3 years
Professor N Baker and Dr J Morison	Biological and Biotechnological Research Council	£263,320	Key roles of ABA and hydrogen peroxide in photo-oxidative stress-induced signalling for APX2 gene expression	3 years
Professor P Mullineaux	Biological and Biotechnological Research Council	£216,180	Does isoprene emission protect plants against thermal stress and is this trait transferable into plant species that do not produce isoprene?	3 years

Dr K Oxborough, Professor R Geider and Dr G Underwood	Natural Environment Research Council	£195,583	Development of an instrument for sequential imaging of chlorophyll a fluorescence and Light Induced Breakdown Spectroscopy (LIBS) at the single cell level	2 years
Dr G Underwood	Natural Environment Research Council	£193,609	Strategies for tolerance to highlight stress in diatoms	3 years 4 months
Dr D Suggett	Natural Environment Research Council	£136,868	Closing the gap between light energy and CO2 fixation in phytoplankton photosynthesis	3 years
Dr A Ball	Scottish Executive Flexible Fund	£122,501	An integrated strategy for monitoring natural attenuation using chemical fingerprinting and molecular analysis	3 years
Professor C Cooper and Professor M Wilson	European Commission	£112,592	Genomics and Blood Substitutes for 21st Century Europe (EuroBloodSubstitutes)	30 months
Professor J Norton and Dr E Klenova	Southend Hospital NHS Trust	£56,046	A clinical study of protein expression profiling in breast cancer	2 years
Dr D Smith	Operation Wallacea	£49,200	PhD studentships for two students (Indonesia): "Performance criteria for coral reef bases economics" and "Exploitation of seagrass beds within the Wakatobi Marine National Park	3 years
Professor P Thornalley	Diabetes UK	£44,511	Survey of thiamine, thiamine dependent enzymes and biochemical dysfunction status in Type 1 and Type 2 diabetic patients	15 months
Professor J Norton	Essex Rivers Healthcare Trust	£42,999	Clinical Research Fellowship – James Wright	1 year

Professor N Fernandez and Professor R Cherry	Southend Hospital NHS Trust	£37,500	Study of glucocorticoid receptors in immune cells isolated from inflammatory rheumatic diseases PhD studentship: Srividya Madhavia Sukadev	3 years
Professor R Geider	Natural Environment Research Council	£29,824	Continuous culture system for studying microbial community dynamics in marine environments	1 year
Professor P Thornalley	Baxter Ltd, Tokyo	£26,000	Glucose degradation products in peritoneal dialysis solutions	1 year
Dr A Ball	Biological and Biotechnological Research Council/Case Partners: Anglian Water and the Environment Agency	£12,000	BBSRC Standard CASE Studentship: Rapid identification of novel biomarkers of diffuse sources of organic pollution in the environment	3 years
Professor J Pretty	NATO	£5,858	Agriculture and Natural Resource Protection Policy in a Transition Period	2 years
Professor J Pretty	Essex Strategic Health Authority	£2,000	Evaluation of Essex PALS stakeholders process	4 months
Dr A Ball and Dr D Smith	The Environment Agency	£2,000	Standard CASE studentship: Deborah Cundick	1 year
Professor P Thornalley	The Wellcome Trust	£1,280	Vacation scholarship for Ms Bahar Mirshekar-Syahkal	8 weeks
Dr A Ball and Dr D Smith	The Environment Agency	£1,200	Analysis of final effluent from Rochford Lagoon in August 2003	6 weeks
Total		£1,915,917		

Centre for Environment and Society

Award Holder	Funding Body	Amount	Project Title	Duration
Professor J Pretty, Dr M Griffin, Dr M Sellens and Professor N South	Forestry Commission	£51,398	Making links between human health and countryside recreation	7.5 months

Professor J Pretty	Department for International Development	£3,550	Preparation of the DfID RNRA Team Working Paper 12: Agricultural Sustainability	3 months
Professor J Pretty	Economic and Social Research Council Science in Society Programme	£2,015	Visiting Scholars Scheme – Dr Julia Guivant	10 days
Total		£56,963		

Chimera (ISTIR)

Award Holder	Funding Body	Amount	Project Title	Duration
Dr B Anderson	British Telecom	£240,958	Whole Market Model: spatial micro-simulation of time and money in Britain	2 years
Dr R Ellis and Miss A Haywood	Economic and Social Research Council	£127,454	Virtually Second-Hand: internet auction sites as spaces of knowledge performance	2 years
Dr B Anderson	European Commission	£75,947	SOCQUIT	20 months
Professor C Fowler, Dr M Gardner and Mr J Scott	The Joint Information Systems Committee	£69,525	E-learning Models Desk Study	5 months
Professor C Fowler	British Telecom	£12,849	PhD Studentship	24 months
Total		£526,733		

Computer Science

Award Holder	Funding Body	Amount	Project Title	Duration
Dr M Poesio	Engineering and Physical Sciences Research Council	£233,241	Anaphora Resolution and Underspecification (ARRAU)	3 years
Dr U Nehmzow	Engineering and Physical Sciences Research Council	£193,772	Robot MODIC: Modelling, Identification and Characterisation of Robot-Environment Interaction	3 years
Professor H Hu	Engineering and Physical Sciences Research Council	£121,811	SMART Rehabilitation: technological applications for use in the home	3 years
Dr V Callaghan	Department of Trade and Industry	£90,000	Next Wave Technologies and Markets Programme: Pervasive Home Environment Networks (PHEN) project	2 years

Dr H Lakany	Medical Research Council	£36,272	Can artificial intelligence help in improving mobility in persons with motor disability?	9 months
Professor H Hu	London Aquarium Ltd	£25,000	Robot City: Capturing the imagination for public awareness of robots (extension)	3 years
Dr V Callaghan	British Telecom (Case Studentship)	£24,300	CASE Studentship - James Dooley	3 years
Professor H Hu	Royal Society (Joint Project Grant)	£17,910	Intelligent RoboChair: Improve Quality of Life for the Elderly and Disabled	3 years
Professor R Poli	The Leverhulme Trust	£15,320	Visiting Fellowship 2002/03 – Dr Joao Pujol	9 months
Dr D Gu	Engineering and Physical Sciences Research Council via London Aquarium Ltd	£13,200	Interactive Museum Guide Robot	3 years
Dr M Fasli	Haller Technology Ltd	£5,000	Consultancy agreement	16 months
Dr Q Gan	Engineering and Physical Research Council	£3,600	OTG: Translating Brain Waves into Control Commands	2 months
Dr Q Gan	The Royal Society	£3,100	Developing keyboard and mouse alternatives for hands-free computing	1 year
Dr S Lucas	IAPR	£1,898	Web site for IAPR TC5	8 weeks
Dr S Lucas	The Royal Society	£1,623	Congress on Evolutionary Computation 2003	1 year
Dr S Lucas	The Royal Society	£1,280	Visit to University of Essex – Dr Chih-Jen Lin	2 weeks
Professor R Poli	The Royal Society	£1,100	Conference grant	5 days
Professor M Henson	The Royal Society	£650	10th Asia Pacific Software Engineering Conference	1 year
Mr U Kruschwitz	The Royal Society	£485	2003 International Conference on Natural Language Processing and Knowledge Engineering	1 year
Total		£789,562		

Economics

Award Holder	Funding Body	Amount	Project Title	Duration
Professor S Mutuswami	Economic and Social Research Council	£47,581	Competition and Efficiency in Markets with Quality Uncertainty	2 years
Professor A	Economic and	£26,983	Postdoctoral Fellowship for M Correa	1 year

Muthoo	Social Research Council		Lopez: Unionised oligopoly with wage bargaining: microeconomic and macroeconomic implications	
Dr M Francesconi and Dr A Gosling	Equal Opportunities Commission	£7,738	Career Path of part-time Workers	2 months
Total		£82,302		

Electronic Systems Engineering

Award Holder	Funding Body	Amount	Project Title	Duration
Professor M O'Mahony	Engineering and Physical Sciences Research Council	£254,993	Next Generation Photonic Networks (Platform grant)	3 years
Dr S Walker	European Commission	£192,492	Multi-Service Access Everywhere (MUSE)	2 years
Professor I Henning	British Telecom	£125,000	R&D into passive or low power units for fibre to the cabinet/kerb	2 years, 10 months
Professor M O'Mahony and Professor D Simeonidou	Department of Trade and Industry	£101,084	Protocol Agnostic Optical Networks (PROTAGON)	3 years, 4 months
Professor M O'Mahony	European Commission	£122,818	BREAD	30 months
Professor M Adams, Professor M O'Mahony, Professor N Balkan, Professor D Simeonidou, Dr S Walker and Dr A Vickers	Engineering and Physical Sciences Research Council	£91,265	Photonic component Research for Integrated Nanotechnology and Communications Environments (PRINCE)	15 months
Professor M O'Mahony	European Commission	£67,808	One Optical Networks: towards bandwidth manageability and cost efficiency (e-Photon)	2 years
Dr D Hunter	Intel Research	£60,000	SOAPS (Smoothed Optical ATD Packet Switching)	3 years
Professor D Mirshekar	Department of Health	£17,151	Mobile Cellular Communication and Cognitive Functioning (extension)	3 years
Dr D Bebbington	Natural Environment Research Council	£17,031	Initiation of precipitating convection in a maritime environment	4 years
Professor M O'Mahony	Marconi Communications Ltd	£15,750	Case studentship for Andrew Broster, "Control planes for future optical	3 years

			networks	
Dr S Walker	Association of Commonwealth Universities	£15,000	Polarization control techniques	3 years
Professor M Adams	QinetiQ	£1,700	Student undertaking MSc placement: Simone Muscat	17 weeks
Total		£1,082,092		

Government

Award Holder	Funding Body	Amount	Project Title	Duration
Professor D Sanders and Professor P Whiteley	Economic and Social Research Council	£925,401	British Election Study 2005-2006	3 years
Professor P Whiteley	Economic and Social Research Council	£13,583	Consultancy for the "Civic Renewal and Participation" pamphlet	4 weeks
Professor I Budge	The Nuffield Foundation	£5,780	Promises, promises but are they delivered?	10 months
Total		£944,764		

Health and Human Sciences

Award Holder	Funding Body	Amount	Project Title	Duration
Professor N South and Ms J McWhirter	Home Office / East of England Community Safety Fund	£59,320	Young People at Risk: towards a shared understanding	7 months
Dr D Pevalin	British Academy	£18,287	The Dynamics of Unhealth Housing	18 months
Dr G Green	Multiple Sclerosis Society	£8,155	Biographical comparison of people with MS and the general public	3 months
Dr D Pevalin	British Academy	£3,690	Implications for stability and change in pre-adolescent problem behaviours in Canadian children	3 years
Total		£89,452		

History

Award Holder	Funding Body	Amount	Project Title	Duration
Professor K Schürer	National Science Foundation via University of Minnesota	£17,378	North Atlantic Population Project (extension)	2 years

Professor V Gatrell	The Paul Mellon Centre	£15,000	Senior Fellowship: Satirical Print and Cultural Change in London, c1770 - 1830	6 months
Dr J Davies	The British Academy	£3,117	The household and fortune of Henri I duc de Montmorency 1563-1614	4 months
Total		£35,495		

Human Rights Centre

Award Holder	Funding Body	Amount	Project Title	Duration
Professor Sir Nigel Rodley	Foreign and Commonwealth Office	£61,798	Guidelines for the Medical Investigation and Documentation of Torture	10 months
Professor S Weir and Professor P Hunt	Joseph Rowntree Charitable Trust	£16,000	British External Policy: Not in our name?	6 months
Professor M Sunkin	The Nuffield Foundation	£7,384	The impact of the Human Rights Act on the quality of public services in Essex	36 weeks
Professor S Leader	Worldwide Fund for Nature (WWF)	£5,000	Transnational Investment Agreements Project	1 month
Total		£90,182		

Institute for Social and Economic Research

Award Holder	Funding Body	Amount	Project Title	Duration
Professor J Gershuny	Economic and Social Research Council	£2,692,733	Research Centre on Micro-Social Change (MiSoC)	5 years
Professor J Gershuny	Economic and Social Research Council	£844,152	Time-use studies: Daily life and social change	4 years
Professor J Gershuny	Economic and Social Research Council	£301,815	UK Longitudinal Studies Centre – core funding (second extension)	6 years
Dr A Aassve and Professor S Pudney	Economic and Social Research Council	£177,642	Poverty dynamics and fertility in developing countries	3 years
Professor J Gershuny and Dr M Egerton	Yale University, USA	£139,386	Construction and Testing of ATUS Comparator Files - Y-GATUS	16 months
Professor S Jenkins	Anglo-German Foundation for the Study of Industrial Society	£69,614	From parents to children? Socioeconomic attainment and the role of family background	18 months
Dr M Taylor, Professor R	Social Exclusion Unit	£51,725	Tracking the circumstances of those with the lowest incomes	9 months

Berthoud and Professor S Jenkins				
Professor R Berthoud	Joseph Rowntree Foundation	£48,815	Tracking the long term growth of family non-employment	10 months
Professor R Berthoud	Department of Works and Pension	£41,216	Secondment Agreement for Professor R Berthoud	9 months
Professor S Pudney	Home Office via NatCen	£32,340	The Arrestee Survey	20 months
Dr H Laurie	Thailand National Statistical Office	£24,353	NESDP: Feasibility Study of Panel Data for Thailand's Socio-Economic Survey Project	4 months
Professor J Gershuny	Office of National Statistics	£22,520	Time Analysis Use on behalf of the Department of Health and the Department for Employment and Skills	5 months
Professor N Buck	Office of National Statistics	£18,000	Provision of consultancy services to link claimant count data to the ONS Longitudinal Study	14 weeks
Professor J Gershuny	Economic and Social Research Council	£14,925	Research Centre on Micro-social Change (core funding) - extension	5 years
Professor N Buck and Professor J Gershuny	Economic and Social Research Council	£14,925	UK Longitudinal Studies Centre - core funding (extension)	5 years
Professor S Jenkins	The Nuffield Foundation	£12,000	Luxembourg Wealth Study	2 years
Mr M Bryan and Dr M Taylor	Low Pay Commission	£9,900	The analysis of household characteristics of minimum wage recipients across the income distribution	7 months
Dr M Francesconi and Dr A Gosling	Low Pay Commission	£7,738	Career path of part-time Workers	2 months
Ms K Robson	The Nuffield Foundation	£5,983	Human, social and cultural capital over the lifecourse: examination of a British birth cohort	6.5 months
Dr D Pevalin	Universities and Analytical Services Department	£1,000	Commission in respect of social class from SOC2000	2 days
Dr E Sala	The British Academy	£170	Conference grant: Social Science Methodology 6th international conference 2004	3 days
Total		£4,530,952		

Language and Linguistics

Award Holder	Funding Body	Amount	Project Title	Duration
Dr L Sadler	Arts and Humanities Research Board	£186,438	Noun phrase agreement and coordination	25 months
Dr L Sadler	Economic and Social Research Council	£141,406	Verb-initial grammars: a multilingual/parallel perspective	3 years
Professor A Spencer	The British Academy	£213	11th International Morphology Meeting	5 days
Total		£328,057		

Law

Award Holder	Funding Body	Amount	Project Title	Duration
Dr A Ward	Arts and Humanities Research Board	£14,013	Judicial Review and the Rights of Private Parties in EU Law	7 months
Dr S Michalowski	European Commission	£8,194	Development of European Standards on Confidentiality and Privacy (EUROSOCAP)	3 years
Mr R Cornes	The British Academy	£4,454	Establishing the United Kingdom Supreme Court	9 months
Professor S Leader	The British Academy	£3,000	Visiting Professorship for Professor Leonor Arfuch of University of Buenos Aires, "Migrant cultures: new subjectivity and identities in the context of globalization"	1 month
Dr A Guinchard	The British Academy	£1,455	Regulating financial services and the boundary between civil and criminal liability: UK and France	8 months
Mr R Cornes	The British Academy	£800	International Association of Constitutional Law, VI World Congress	5 days
Professor G Gilbert	The British Academy	£800	The Change of Conflict: International Law Responds	4 days
Total		£32,716		

Literature

Award Holder	Funding Body	Amount	Project Title	Duration
Professor A Livingstone	The British Academy	£450	International Boris Pasternak conference 2004	1 month
Total		£450		

Mathematics

Award	Funding Body	Amount	Project Title	Duration
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Holder				
Professor G Upton	Natural Environment Research Council	£31,621	The use of dual-frequency microwave links for calibrating weather radars, accurately measuring path-averaged rainfall and detecting sleet and snow	2 years
Total		£31,621		

Psychology

Award Holder	Funding Body	Amount	Project Title	Duration
Dr M Perugini	Unilever	£55,929	The role of goal conflict in behaviour change and the use of digital media to support resolution	25 months
Dr R Russo	Department of Health	£42,090	Mobile Cellular Communication and Cognitive Functioning	3 years
Dr K Cain	The Nuffield Foundation	£1,493	Undergraduate research bursary for Ms Georgina Pepper: Reading skills in children with high levels of inattention and hyperactivity	9 weeks
Total		£99,512		

Sociology

Award Holder	Funding Body	Amount	Project Title	Duration
Professor M Glucksmann	Economic and Social Research Council	£336,628	Professorial fellowship - Transformation of Work: New Frontiers and Temporalities	3 years
Professor P Thompson	Heritage Lottery Fund	£43,768	Wivenhoe Oral History Project	2 years, 7 months
Professor L Morris	Economic and Social Research Council	£28,170	Postdoctoral fellowship for Dr D C Short: Reconciliation and Indigenous Rights in Australia 1991-2003	1 year
Dr M Roper	Economic and Social Research Council	£27,475	Postdoctoral fellowship for C M Theodosius. Developing the sociology of emotion	1 year
Professor D Elson	Economic and Social Research Council	£27,408	Postdoctoral fellowship for Dr R S Morgan: Advancing indigenous rights claims at the United Nations	1 year
Dr H Tanaka	The Leverhulme Trust	£20,609	Allusions in Japanese Interaction	1 year
Dr L Platt	Joseph Rowntree Foundation	£13,821	The intergenerational social mobility of minority ethnic groups	1 year
Dr P Iganski	Institute for Jewish Policy Research	£5,792	Civil Society Fellowship	1 year
Professor P	The British	£3,750	Transnational Jamaican Families	4 months

Thompson	Academy			
Dr M Lee	The British Academy	£3,600	Trafficking in Persons	1 year
Total		£511,021		

UK Data Archive

Award Holder	Funding Body	Amount	Project Title	Duration
Mr M Woollard	The Joint Information Systems Committee	£908,555	CSR Digitisation Programme: AHDS History: Online Historical Population Reports project	3 years
Professor K Schürer	Art and Humanities Data Services (AHRB and JISC)	£167,280	Funding for the AHDS History	1 year
Professor K Schürer	Economic and Social Research Council	£9,994	Scoping for a Victorian Panel Survey	11 weeks
Mr M Woollard	Economic and Social Research Council	£3,440	Parish Register Aggregates	1 month
Professor K Schürer	Economic and Social Research Council	£2,792	The Data Archive Core Award 2003 - 2007 (adjustment)	57 months
Total		£1,092,061		

University of Essex

Total

£12,356,609
