

Research Grants and Contracts Awarded 2013-14

Biological Sciences

Award Holder	Funding Body	Amount	Project Title	Duration
Professor C Raines	University of Illinois	£227,497	RIPE: Realizing increased Photosynthesis Efficiency for Sustainable Increase in Crop Yield - Second tranche funding	18 months
Professor C Cooper	Iceni Seedcorn Fund	£110,000	HaemO2 project - 2nd tranche	5 years
Dr P Reeves	Fight for Sight	£98,442	Elucidation of Molecular Mechanism of Retinitis Pigmentosa resulting from Mutations in Rhodopsin	3 years
Dr N Kad	British Heart Foundation	£97,768	Understanding the Molecular Origins of Cardiomyopathy using a Single Molecule Imaging Approach	3 years
Professor E Klenova	Colchester Hospital University	£94,469	Further Validation of New Biomarkers of Prostate and Breast Cancer; the Continuing Investigation	3 years
Professor D Smith	Earthwatch Institute	£45,000	Coral & Coastal Ecology of the Seychelles	3 years
Dr C Whitby, Professor G Underwood	NERC via York University	£36,408	The Role of Lateral Exchange in Modulating the Seaward Flux of C.N.P	16 months
Professor D Smith	Blackstone Consultancy Ltd	£34,393	Coral Reefs of New Providence Island, Bahamas	6 months
Dr J Mason	Engineering and Physical Sciences Research Council	£26,426	Establishing an Approach for the Selection and Design of Secondary Structure Mimetics to Antagonise Protein-protein interactions	3 years
Professor J Norton	Leverhulme Trust	£20,404	Towards a Functional Connectivity Map of the Human Post-Transcriptional Regulome	2 years
Professor G Underwood	NERC via CEFAS	£19,000	Data Synthesis and Management of Marine and Coastal Carbon	42 months
Dr P Reeves	National Institute of Health	£17,784	Structure and Activation Mechanism of the Visual Pigment Rhodopsin (Year 3)	1 year
Dr M Jones	The Royal Society	£14,994	Understanding how Light Affects the Circadian System in Plants	1 year
Dr T Lawson	ERC via University of Dublin	£11,850	OXYEVOL: Atmospheric Oxygen as a Driver in Plant Evolution over the Past 400 Million Years	1 years
Dr A Dumbrell	NERC via York University	£8,378	Do Realignment Sites Restore Microbial Biodiversity-driven Nutrient Cycling and Trace Gas Fluxes Comparable to Natural Coastal Ecosystems?	3 years
Ms Bragg, Dr Barton, Dr Wood	RSPB	£5,675	2nd phase: To Establish a Robust Methodology for Measuring Connection to Nature in Adults	18 months
Dr R Bragg	Care Farming Uk	£3,471	Current Care Farming Provision in England	20 months

Dr J Barton	The Wilderness Foundation	£2,000	The Effect of a Wilderness Experience on Adolescents' Psychological Well-Being and Connectedness to Nature	31 months
Dr P Reeves	Wellcome Trust	£2,000	Probing the effect of protein background on the molecular properties of human rhodopsin retinitis pigmentosa mutants	2 months
Dr J Mason	Wellcome Trust	£2,000	Trust and Relationships in an Ageing Society	8 weeks
Dr M Hough	Biochemical Society	£2,000	A novel cytochrome c prime with a distal tyrosine residue: implications for NO sensing	2 months
Professor N Fernandez	Wellcome Trust	£2,000	Histocompatibility antigens expressed on Human Trophoblast Cell Membranes: relevance for Human Pregnancy	2 months
Dr C Whitby	Society for General Microbiology	£1,880	Using Proteomics to increase Naphthenic Acid Degradation Rates in Pseudomonas Fluorescens Pf-5	2 months
Dr T McGenity	Society for General Microbiology	£1,880	Investigating the Environmental Factors that Influence Microbial Isoprene Production	1 month
Dr M Hough	Biochemical Society	£1,600	Exploring the Role of a Dihydrolipoyl Dehydrogenase in the Breakdown of Naphthenic Acids	2 months
Dr M Steinke	British Psychological Society	£1,623	Effect of Salinity on the Production of DMSP and DMS in the Intertidal Seaweed Ulva Clathrata	5 weeks
Dr M Jones	Society of Biology	£1,607	Identifying and Characterizing New Components of the Circadian Clock	2 months
Total		£890,549		

Centre for Psychoanalytic Studies

Award Holder	Funding Body	Amount	Project Title	Duration
Dr M Ffytche	Independent Social Research	£39,161	Social Theoretical Contexts for the Conceptualisation of Transgenerational Trauma and Projective Identification	1 year
Total		£39,161		

Computer Science and Electronic Engineering

Award Holder	Funding Body	Amount	Project Title	Duration
Professor S Walker, Professor K Yang	Engineering and Physical Sciences Research Council	£470,873	NIRVANA-Intelligent, Heterogenous Virtualised Networking Infrastructure	3 years
Dr Udo Kruschwitz, Professor M Poesio	Minority Rights Group/TSB	£210,320	To design and implement new systems to support civilian-led monitoring of human rights violations and embed the capability to enhance and exploit the system in the future.	3 years
Professor R Poli	Defence Science and Technology	£161,313	Improving Group Decision Making with Collaborative Interfaces	4 years
Professor H Hu, Dr A Clark	TSB/Vitec Videocom Ltd	£129,577	KTP: To Develop and Market a Cost Effective Absolute Camera Pedestal Positioning System for Television Studios that is Suitable for use in Augmented Reality	2 years
Dr J Woods	TSB/Raytel Security Systems Ltd	£124,864	KTP: To Develop Low-cost, Flexible, IP Based Door Access and Entry Systems, and Embed a New Electronics Design Capability	2 years
Professor K McDonald-Maier, Dr M Colley	TSB/Poulten, Selfe & Lee Ltd	£124,431	KTP: To Develop Dedicated Firmware, Software and Electronics to Control an Automated Viscometer Platform Suitable for Determining Kinematic Viscosity and Solution Viscosity of Polymers	2 years
Professor M Fasli	EPSRC	£106,917	Innovative Tools to enable exploration of Complex and Specialised Data Sets	19 months
Dr J Woods	TSB/Colne Housing Society Ltd	£68,625	KTP: To produce a Dynamic Digital Map of Welfare Support Service Provision	18 months
Professor H Hagras	British Telecommunications Plc	£48,807	Jupiter and Next Generation Forecasting Models	1 year
Dr M Reed	British Telecommunications Plc	£30,000	Studentship - Information-centric	3 years
Dr Udo Kruschwitz, Professor M Poesio	British Telecommunications Plc	£30,000	Studentship -Pattern Discovery in Big Data Streams using a Symbiotic Approach based on Semantics and Statistics	3 years
Dr M Reed	British Telecommunications Plc	£30,000	Studentship Understanding the Benefits of Wideband Audio Communications	3 years
Professor K McDonald-Maier, Professor H Hu, Professor Dongbing Gu	INTERREG IVA 2 Seas Clusters	£28,754	Empowerment of Disabled People through Ethics in Care and Technology - EDECT, Phase 1	1 year
Professor I Henning	EPSRC via Bristol	£12,514	UK Photonic Systems Outreach Network	2 years
Professor H Hu, Professor K McDonald-Maier	Technology Strategy Board	£10,000	TFCloud, assuring the Provenance of Cloud-Based Web Services - additional funds	1 year
Professor S Lucas	Technology Strategy Board	£7,990	Seamless Mobility Application	3 months
Total		£1,594,985		

Economics

Award Holder	Funding Body	Amount	Project Title	Duration
Dr M Parey	European Commission via UCL	£86,260	MicroConLab: Microeconometrics of Consumer and Labour Supply Behaviour	5 years
Professor T Crossley	Institute for Fiscal Studies	£66,943	Provision of Research Services to the IFS	2 years
Professor S Alan	British Academy	£30,000	Financial Education and Rational Economic Decision Making: A Childhood Intervention	3 years
Professor S Markose	Economic and Social Research Council	£21,265	Diversity in Macroeconomics Conference Funding	2 days
Dr J Halket	Institute for Fiscal Studies	£11,596	CENMAP	1 year
Dr Giovanni Mastrobuoni	British Academy	£9,739	Externalities in Private Policing	2 years
Dr D Reinstein	British Council	£3,065	Listen to the Market, Hear the Best Policy Decision, but don't always choose it	1 year
Total		£228,868		

Essex Business School

Award Holder	Funding Body	Amount	Project Title	Duration
Professor V Sena, Professor H Laurie, Professor J Coakley, Professor M Fasli	Economic and Social Research Council	£4,924,784	Smart Data Analytics for Business and Local Government	5 years
Dr M Johansson	Swedish Cultural Foundation in Finland	£7,790	Festival Project: Audience Development	9 months
Dr S Lauwo	British Academy	£7,020	The Masculinity in CSR Disclosures: Silencing of Women Voices in the Mining Industry of Tanzania	20 months
Professor A Wood	Bank of England	£5,000	The Effect of Increasing Central Bank Transparency on Forecasting Accuracy and Disagreement	9 months
Total		£4,944,594		

Government

Award Holder	Funding Body	Amount	Project Title	Duration
Professor T Landman, Professor S Boehm	Glowinkowski International Ltd/Technology Strategy Board	£162,494	Glowinkowski International Ltd	30 months
Professor T Scotto, Professor P Whiteley, Professor T Landman	Economic and Social Research Council	£171,939	Public Opinion and the Syrian Crisis in Three Democracies	1 year
Dr J Bartle	British Academy	£93,638	The British Macro Policy: Ideology and Economics, 1945-2010	1 year
Dr D Berger	British Academy	£9,930	Mobile Phone Usage as a Predictor of Violence	2 years
Dr D Hugh-Jones	British Academy	£9,763	Honesty Across Societies	18 months
Dr A Quiroz-Flores	British Academy	£6,559	The Economic Effects of the Beeching Report 1961-2011	3 months
Dr T Quinn	The Constitution Society	£1,500	Mandates, Manifestos and Coalitions: UK Party Politics after 2010	1 month
Dr P Bou-Habib	Mind Association	£420	Climate Matters	1 month
Dr P Bou-Habib	Aristotelian Society	£300	Climate Matters	1 month
Total		£456,543		

Health and Human Sciences

Award Holder	Funding Body	Amount	Project Title	Duration
Dr A Brown	Castle Point & Rochford CCG	£10,383	Methodology for Pressure Ulcer Prevalence Scoping Exercise	6 months
Dr W Bryant	The College of Occupational Therapists	£3,720	Participatory Action Research Using Photovoice to Explore User Experiences of Recovery in Acute Mental Health Occupational Therapy Facilities	11 months
Total		£14,103		

History

Award Holder	Funding Body	Amount	Project Title	Duration
Dr M Frost	Leverhulme Trust	£102,877	War Memorescapes in Asia Partnership: routes to Post-Conflict Reconciliation	3 years
Dr X Zhou	European Commission (FP7)	£79,000	Between State and Community - Public Health Campaigns and Local Healing Practice in Socialist Asia 1950 - 1980	4 years
Total		£181,877		

Institute for Social and Economic Research

Award Holder	Funding Body	Amount	Project Title	Duration
Professor M Brewer, Professor D Voas, Dr E Del Bono, Professor A Delavande, Professor S Pudney, Professor S Bhalotra	Economic and Social Research Council	£4,262,353	Research Centre on Micro-Social Change(MiSoC): Understanding individual and family behaviours in a new era of uncertainty and change	5 years
Professor N Buck	Economic and Social Research Council	£1,600,000	Supplement to Understanding Society - Waves 6 to 8	5 years
Professor N Buck	Economic and Social Research Council	£522,000	Supplement to Understanding Society and the UK Longitudinal Studies Centre	5 years
Professor S Bhalotra	Grand Challenges Canada	£270,652	Determine the Economic Impact of Poverty-Related Risk Factors for Cognitive Development and Human Capital	1 year
Professor P Clarke	ESRC via University of Bristol	£93,076	LEMMA 3: Longitudinal Effects, Multilevel Modelling & Applications	19 months
Professor H Sutherland	Applica sprl	£86,843	The EU Social Situation Monitor	1 year
Professor S Pudney	MRC via University of Sheffield	£69,140	Modelling Generic Preference Based Outcome Measures - Development and Comparison Methods	6 months
Professor P Lynn, Professor H Laurie, Dr M Iacovou, Dr J Burton, Dr N Uhrig	European Commission	£66,732	MYWEB: Measuring Youth Well-Being	30 months
Professor H Laurie	ESRC via LSE	£40,000	Linking Experimental and Survey Data: Behavioural Experiments in Health and Wellbeing	2 years

Dr M Brynin, Dr S Longhi	Joseph Rowntree Foundation	£38,509	Poverty and Ethnicity: the Impact of Occupational Segregation	1 year
Professor H Laurie	Department of Work & Pensions	£28,433	The Feasibility of Conducting a Universal Credit Panel Survey - Development Work and the Selection of an Optimal Design	3 months
Professor M Brewer	ESRC via Institute for Fiscal Studies	£26,148	Policy Evaluation for Programme Analysis	15 months
Professor D Voas	British Academy	£25,000	British Religion in Numbers	5 years
Dr A Nandi, Professor M Brewer, Paul Fisher	Joseph Rowntree Foundation	£23,961	Post Recession Experience of Poverty Across Ethnic Groups	8 months
Professor N Buck, Professor M Benzeval	British Academy	£14,210	Understanding Society: The UK Household Longitudinal Study	5 years
Professor P Clarke	MRC via Kings College, London	£13,240	Developing Methods for Understanding Mechanism in <u>Complex Interventions</u>	34 months
Professor N Buck	DWP	£11,506	The Understanding Society <u>Value Added Project</u>	3 months
Dr S C Uhrig	Joseph Rowntree Foundation	£9,910	An Examination of Poverty and Sexual Orientation in the UK	3 months
O Rastigina	Fondazione Giacomo Brodolini Roma	£9,600	Taxation and Women's Employment	6 months
Dr B Rabe	Nuffield Foundation	£2,250	The Effect of School Inputs on Educational Attainments	4 months
Total		£7,213,563		

Language and Linguistics

Award Holder	Funding Body	Amount	Project Title	Duration
Dr K Skoruppa	ESRC via UCL	£23,173	Mapping the Development of Phonetic Perception	3 years
Total		£23,173		

Law

Award Holder	Funding Body	Amount	Project Title	Duration
Professor M Sunkin, Professor A Le Sueur	Nuffield Foundation	£285,400	UK Administrative Justice Initiative	3 years
Dr D Cucos, Sir N Rodley	Royal Society	£84,360	Newton International Fellowship	3 years
Ms L McGregor	Nuffield Foundation	£81,817	The Role of National Human Rights Institutions in providing <u>Access to Justice</u>	15 months
Professor L Fox O'Mahony	Leverhulme Trust	£62,225	Mind the (Housing) Wealth Gap: Intergenerational Justice <u>and Family Welfare</u>	17 months
Dr S Sheeran	Research Foundation of CUNY	£28,800	START Global Peace and Security Fund Program	5 months
Total		£542,602		

Mathematical Sciences

Award Holder	Funding Body	Amount	Project Title	Duration
Professor B Lausen, Dr A Perperoglou, Dr L Citi	Innovate UK, Profusion Media Ltd	£213,922	To Expand the Comany's Data Science Capability by Developing Cutting Edge Data Science Techniques using Statistics and Machine Learning	3 years
Professor B Lausen	University Hospital Erlangen	£6,000	Statistical Consulting and Trial Protocol Development for the "UVFA DZ Study"	12 months
Dr G Grahovski	The London Mathematical Society	£1,470	Research Visit: University of Vienna	2 months
Dr H Susanto	The London Mathematical Society	£1,296	Research Visit: Aristotle University of Thessaloniki	2 weeks
Dr G Williams	The London Mathematical Society	£1,196	Research Visit: Oregan State University	2 weeks
Total		£223,884		

Philosophy and Art History

Award Holder	Funding Body	Amount	Project Title	Duration
Professor W Martin, Dr T Juetten	Art and Humanities Research Council	£23,219	Achieving UNCRPD Compliance	6 months
Dr N Ruiz-Gomez	Wellcome Trust	£3,135	Collect, Exchange, Display: Artistic Practice and the Medical Museum	2 days
Total		£26,354		

Psychology

Award Holder	Funding Body	Amount	Project Title	Duration
Professor G Ward	European Commission	£307,785	RECALL - Enhancing Human Memory Recall	3 years
Dr Paul Hibbard	British Academy	£85,665	3D vision in complex natural scenes	1 year
Dr N Weinstein	RSPB	£10,000	Experimental Analyses of Positive vs Negative Messages in Generating Public Support for Conservation	3 months
Dr K Holmboe	British Academy	£9,981	Longitudinal Methods in the Social Sciences	1 month
Professor S Orbell	British Academy	£8,900	Time perspective effects in persuasion and behaviour change	1 year
Total		£422,331		

Sociology

Award Holder	Funding Body	Amount	Project Title	Duration
Dr I Crowhurst	COST Action	£113,100	Understanding Scales and Cultures of Governance	1 year
Professor M Roper	AHRC via University of Hertfordshire	£58,921	Central and Eastern England Regional Centre for Exploring the First World War	3 years
Dr P Cox	Economic and Social Research Council	£32,304	A Social and Economic History of UK Shop Workers	11 months
Dr N Demireva	British Academy	£7,119	Understanding the Ecology of Disadvantage: Betting Agents, Crime and the British Neighbourhood	2 years

Professor P Fussey	States of Jersey, Education and Home	£4,200	Review of CCTV Camera Surveillance	4 months
Total		£215,644		

UK Data Archive

Award Holder	Funding Body	Amount	Project Title	Duration
Dr M Woollard	Economic and Social Research Council	£4,556,875	UKDS - Big Data Support	5 years
Dr M Wright, Professor M Woollard	Economic and Social Research Council	£4,056,905	Administrative Data Service	5 years
Dr J Kneeshaw	ESRC via IoE	£32,800	CLOSER - Cohort and Longitudinal Studies Enhancement Resources	5 years
V Van Den Eynden	Danish Agency for Culture	£15,826	The Use of Incentives: Case Studies on Current and Future Incentives for Research Data Sharing	3 months
Total		£8,662,406		

University of Essex

Total **£25,680,637**