

Research Grants and Contracts Awarded 2012-13

Biological Sciences

Award Holder	Funding Body	Amount	Project Title	Duration
Professor C Cooper, Dr B Reeder	Medical Research Council	£925,648	Engineering a New Generation of Blood Substitutes	3 years
Professor C Cooper, Dr B Reeder	Biotechnology and Biological Sciences Research Council	£635,140	Creating an Effective and Non-toxic Blood Substitute	2 years
Professor C Raines	University of Illinois	£318,458	RIPE: Realizing increased Photosynthesis Efficiency for Sustainable Increase in Crop Yield - First tranche funding	18 months
Dr T Lawson	Biotechnology and Biological Sciences Research Council	£210,407	Stomatal-based Systems Analysis of Water Use Efficiency	3 years
Dr J Worrall	Leverhulme Trust	£162,175	Fat(al) Attraction of Cytochrome C: A new approach to Study Protein-Lipid Interaction	3 years
Dr J Mason	Cancer Research UK	£153,223	Supplement: Iterative Design, Randomisation, Selection, Truncation and Characterisation to Generate Small High Affinity Antagonists of the Activator Protein-1 Motif	5 years
Dr P Reeves	National Institute for Health (NIH)	£51,246	Structure and Activation Mechanism of the Visual Pigment Rhodopsin (Year 2)	1 year
Dr B Reeder	The EMF Biological Research Trust	£24,865	The Effects of Iron Levels on the Magnesium Isotope Effects on Creatine Kinase Activity	5 months
Dr P Laissue	Royal Society	£14,078	Long-term Live Cell Imaging of Reef Building Corals	1 year
Dr M Hough	Royal Society	£11,800	A Cross-Species Approach to Understanding Ligand Binding and Discrimination Mechanisms in Cytochromes C	1 year
Professor C Raines	Rothamsted Research	£11,490	Improving the Thermal Tolerance of Photosynthesis in Wheat	3 years
Dr J Barton, R Bragg, Dr C Wood	Wilderness Foundation (UK)	£11,100	The Out There Academy Programme	3 years
Dr M Griffin	Central Essex Community Services (CECS)	£10,000	Working with the Frail and Elderly	2 months
Dr G Sandercock	Central Essex Community Services (CECS)	£9,554	Monitoring of Secular Changes in Fitness and Physical Activity in Two Mid-Essex Schools	7 months
Dr J Barton	Liverpool PCT	£9,455	Evaluation of Natural Choices for Health and Wellbeing Programme	18 months
Professor C Cooper, Dr B Reeder	Biotechnology and Biological Sciences Research Council	£8,600	Creating an Effective and Non-toxic Blood Substitute	7 months
Ms Bragg, Dr Barton, Dr Wood	RSPB	£7,000	To Establish a Robust Methodology for Measuring Connection to Nature in Adults	18 months

Dr J Barton	Wilderness Foundation	£5,190	A Mixed Method Case Series Evaluation of a Wilderness-based Therapy for "At Risk" Adolescents	20 months
Dr Z Bharucha	Open Road Visions	£1,923	Evaluation of Nature-Based Therapy	3 months
Dr U Bechtold	Society of Biology	£1,440	Dissecting the Heat Shock Transcription A1b (HSFA1b) Network to Identify Genes for Improved Water Productivity in Arabidopsis	8 weeks
Dr M Hough	Wellcome Trust	£1,440	A Novel Monomeric Cytochrome C as a Model for Guanylate Cyclase	8 weeks
Dr J Worrall	Wellcome Trust	£1,440	Characterisation of a Protein Bound Free Radical induced by Hydrogen Peroxide in the Pro Apoptotic Complex of Human Cytochrome C and the Phospholipid	8 weeks
Total		£2,585,672		

Centre for Psychoanalytic Studies

Award Holder	Funding Body	Amount	Project Title	Duration
Mr C Tanner, Professor G Green, Dr J Turton, Dr M Kennedy	Joseph Rowntree Foundation	£19,995	Independent Evaluation of the MHLECA Community Visitor's Pilot Scheme	15 months
Total		£19,995		

Computer Science and Electronic Engineering

Award Holder	Funding Body	Amount	Project Title	Duration
Professor S Walker	European Commission	£348,186	Software-Defined Access using Low-Energy Subsystems (SODALES)	3 Years
Professor M Poesio, Dr U Kruschwitz	European Commission	£327,471	SENSEI - Making Sense of Human-Human Conversation Data	3 Years
Dr M Gardner, Professor V Calalghan	European Commission	£224,929	Multiperspective Multimodal Dialogue: Dialogue System with Metacognitive Abilities (METALOGUE)	3 years
Professor H Hu, Professor K McDonald-Maier, Professor Gu	ERDF (INTERREG IVA 2 Seas)	£153,345	Cognitive assisted living ambient system (COALAS)	34 months
Professor S Walker, Dr J Woods	Technology Strategy Board/ LPA Industries Ltd	£123,069	To enable LPA to Design Rail Connectors suitable for RF Communications and Ethernet Data Transmission and embed an Electronic Capability in the Company (KTP)	2 years

Professor M Poesio, Dr U Kruschwitz	Technology Strategy Board/ Moira Benigson Executive Search LLP	£120,566	To Build a Scalable Technology Architecture that will enable Automated Information Provision and Create a New Revenue Stream	21 months
Professor H Hagra	British Telecom	£48,807	Type 2 Fuzzy Logic Rule-based Optimisation for Operational Supply Planning	1 year
Professor H Hu, Professor K McDonald-Maier	Technology Strategy Board	£44,668	TFCloud, assuring the Provenance of Cloud-Based Web Services	1 year
Dr K Yang	European Commission	£43,648	Cross-Layer Investigation and Integration of Computing and Networking Aspects of Mobile Social Networks (CLIMBER)	4 years
Professor Gu, Professor Hu, Professor K McDonald-Maier	British Council	£36,000	Cooperative Autonomy of Micro Aerial Vehicles	2 years
Professor H Hagra	British Telecom	£31,753	Rule-based Optimisation for Operational Supply Planning	9 months
Professor H Hagra	British Telecom	£27,750	Studentship: An Intelligent Type-2 Fuzzy Logic Based System for Schedule Adherence of Optimised Planning Systems - additional year of funding	1 year
Dr Gruebler, Professor K McDonald-Maier	Leverhulme Visiting Fellowship	£25,298	Embedded and Intelligent Systems Research	1 year
Professor H Hu	Colchester Catalyst Charity	£10,000	Robotic Devices for Independent Living	8 months
Total		£1,565,489		

Economics

Award Holder	Funding Body	Amount	Project Title	Duration
Dr J Ganguli	Economic and Social Research Council	£163,736	Economic Implications of Ambiguity	2 years
Dr J Ganguli	INET via Brigham Young University	£30,664	Knigtian Uncertainty, Informational Inefficiency and Financial Markets	1 year
Dr N Chlass, Dr D Reinstein	Leverhulme Trust	£28,760	Visiting Fellowship	1 year
R Gray	British Academy	£8,672	Occupational Change over Time: Evidence and Determinants using U.S. Linked Census Data	1 year
Total		£231,832		

Essex Business School

Award Holder	Funding Body	Amount	Project Title	Duration

Professor R Taylor	University of Copenhagen	£103,440	Developing and Implementing New Bootstrap Methods for the Econometric Analysis of Financial and Macroeconomic Time Series Data	18 months
Professor S Boehm	Economic and Social Research Council	£30,266	The Future of Our Food: Resilience, Security and Justice in a Global Context	2 years
Dr M Harris	Central Essex Community Services (CECS)	£10,933	Research on Change Management, Organizational Redesign and the Future Role of CECS as a lead contractor	3 months

Dr I Zakaria	British Academy	£9,841	Peer Groups as Performance Benchmarks in UK Executive Pay	2 years
Dr K Riach	Age Uk	£5,000	Assessing the Evidences for the Common Perceptions of Older Workers	6 weeks
Total		£159,480		

Government

Award Holder	Funding Body	Amount	Project Title	Duration
Professor T Pluemper	Economic and Social Research Council	£142,324	Robustness - a New Methodology for Causal Inference	18 months
Professor T Landman	Economic and Social Research Council	£48,571	Extending the Human Rights Atlas	1 year
Dr R Johns	YouGov	£25,500	How do Perceptions of Privilege Impact on Political Activity in the UK	3 years
Professor H Dorussen	British Academy	£4,861	UN Peace-Building and Human Security in Post-Conflict Timor Leste	1 year
Total		£221,256		

Health and Human Sciences

Award Holder	Funding Body	Amount	Project Title	Duration
Professor G Green	Secretary of State for Health	£1,412,930	Provision of a Research Design Service	5 years
Dr E Speed	West Essex CCG	£9,500	Information as a Regulatory Device (IARD)	1 year
Total		£1,422,430		

History

Award Holder	Funding Body	Amount	Project Title	Duration
Professor J Raven	Leverhulme Trust	£146,799	Chance and Containment: State Lotteries in Britain and Europe c1600-1850	3 years
Total		£146,799		

Human Rights Centre

Award Holder	Funding Body	Amount	Project Title	Duration
Professor P Hunt	GIZ/WHO	£71,980	Population Dynamics, Sexual and Reproductive Health and Rights	15 months
Total		£71,980		

Institute for Social and Economic Research

Award Holder	Funding Body	Amount	Project Title	Duration
Professor Buck, Professor P Lynn, Professor H Laurie, Dr S McFall, Dr J Burton, Dr Uhrig, Dr Banks, Professor S Pudney, Dr A Tackle	Economic and Social Research Council	£29,413,041	Understanding Society - Waves 6 to 8	5 years
Professor Buck	Economic and Social Research Council	£2,009,548	Analysis of Understanding Society Biological Samples	42 months
Professor H Sutherland	European Commission	£1,214,943	EUROMOD Update (Yr 5)	1 year
Professor H Sutherland	European Commission	£206,340	Inclusive Growth Research Infrastructure Diffusion (InGRID)	4 years
Professor P Lynn, Dr J Burton, Dr B Rabe, Dr G Knies	ESRC/NCRM	£111,918	Understanding the Non-Response on Understanding Society	18 months
Dr B Rabe, Dr E Del Bono, Professor M Brewer	Economic and Social Research Council	£111,587	The Effect of Free Childcare on Maternal Labour Supply and Child Development	18 months
Professor Buck	Economic and Social Research Council	£110,661	Impact Fellow	42 months
Dr S Longhi, Professor P Lynn	Economic and Social Research Council	£103,059	The Distribution and Dynamics of UK Citizens' Environmental Attitudes, Behaviours and Actions	18 months
Professor S Pudney, Dr C Booker	ESRC via UEA	£77,163	Disability and Care Needs in the Older Population: Disability Benefits, Social Care and Well-being	18 months
Professor H Sutherland	Applica SPRL	£67,070	The EU Social Situation Monitor	1 year
Professor H Laurie	ESRC via University of the West of England	£34,300	Life Transitions and Travel Behaviour	17 months
Professor M Taylor	Unum Ltd	£32,127	Exits from Employment for Health-Related Reasons	3 years
Dr M Bryan	Prudential	£26,953	Who Saves for Retirement? Wave 2: Understanding Transitions	1 year
Dr Alari Paulus	Institute for the Study of Labor (IZA)	£23,700	How will Multiple Transitions Affect the European Labour Market (NEUJOBS)	15 months
Professor H Sutherland	Joseph Rowntree, Nuffield Foundation, The Trust for London	£16,000	Social Policy in a Cold Climate: A Research Programme on Recession, Spending Changes, Policy Reform and Distribution in the UK 2007-2014	1 year
Professor H Sutherland	UNICEF via Oxford University	£13,749	NAMOD - Development of a Tax-Benefit Microsimulation Model for Namibia	9 months
Dr P De Agostini, Professor M Brewer, Professor H Sutherland	Gingerbread	£10,419	Making Work Pay: Single Parents and Universal Credit	4 months
Dr E Del Bono	BIS	£8,000	Social Mobility Indicators	6 months
Total		£33,590,578		

Dr N Weinstein, Dr S Paulmann	Leverhulme Trust	£189,478	Motivational Prosody: A New Approach to Understanding Motivational Communications	3 years
Dr M Callen, Dr W Matthews	Leverhulme Trust	£129,479	Personal Relative Deprivation and Status Consumption	3 years
Dr P Hibbard	Biotechnology and Biological Sciences Research Council	£65,414	Learning to see in Depth: Neural Models of Binocular Stereopsis	3 years
Dr T Rakow	ESRC via Cambridge University	£27,750	Understanding and Making Risky Decisions with Complex Outcomes: What Decision Aids Work for <i>Who and Why?</i>	4 years
Professor D Roberson	Royal Society	£12,000	Test of the Visual Label Comparison Model as Predictor of Categorical Perception	2 years
Dr Przybylski	British Academy	£9,990	Psychological and Hormonal Responses to Multiplayer Game Engagement	18 months
Dr N Weinstein	World Wildlife Funds	£6,414	Common Cause Project	5 months
Total		£440,524		

Sociology

Award Holder	Funding Body	Amount	Project Title	Duration
Professor M Harvey	Economic and Social Research Council	£470,507	The Food-Energy-Climate Change Trilemma: Developing a Neo-Polanvian Analysis	3 years
Dr A Canessa	Economic and Social Research Council	£422,802	Bordering on Britishness: An Oral History Study of Gibraltarian Identity Over the 20th Century	42 months
Dr D Thiel, Dr E Speed	TSB/Colne Housing Society Ltd	£68,625	KTP: To Map the Impacts of Social Welfare Reform	18 months
Dr L McGoey	Economic and Social Research Council	£30,489	Evidence in Interdisciplinary Contexts: the Value and Ethics of Randomised Control Trials	3 years
Professor N Allum, Dr J Turton	Essex County Council	£20,100	Understanding the Nature and Prevalence of Unreported Domestic Abuse	4 years
Dr P Cox	Leverhulme Trust via University of Liverpool	£9,689	After Care: Youth Justice and its long term impacts, 1850 - 1945	2 years
Total		£1,022,212		

UK Data Archive

Award Holder	Funding Body	Amount	Project Title	Duration
Dr M Woollard	Economic and Social Research Council	£435,069	Enhancing Access to and use of Qualitative Data: Digital Futures	5 years
Dr M Woollard	Economic and Social Research Council	£421,119	CESSDA ELST	5 years
Dr M Woollard	Economic and Social Research Council	£191,651	UKDS Data Store	5 years
Dr M Woollard	European Commission	£123,656	Collaboration to Clarify the Cost of Curation (4C)	2 years

Total	£1,171,495

University of Essex

Total **£42,982,041**