

Research Grants and Contracts Awarded 2016-17

Biological Sciences

Award Holder	Funding Body	Amount	Project Title	Duration
Dr B McKew, Dr C Whitby, Dr P Laissue	Natural Environment Research Council	£332,773	A New Dynamic for Phosphorus in Riverbed Nitrogen Cycling - PRINCe	34 months
Professor P Mullineaux, Dr P Laissue, Dr M Hough, Dr G Brooke, Dr R Strange	Biotechnology and Biological Sciences Research Council	£151,584	Bioimaging of Dehydroascorbate and (Phospho)lipid Hydroperoxides: The Development of Fluorescent Protein Biosensors	18 months
Professor C Reynolds	Royal Society	£151,861	Addressing GPCR Conformational Flexibility through Markov State Modelling	3 years
Dr F Prischi	Wellcome Trust	£99,825	Understanding how RSKs regulate Transcription Factors in Triple Negative breast Cancer	2 years
Dr R Zwacka	Pancreatic Cancer UK	£74,280	Enhanced Immune-Checkpoint Therapy of Pancreatic Cancer by MSC-Mediated Delivery of Soluble PD-1 Variants	1 year
Dr C Whitby	DEFRA via Forest Research	£55,890	Ascertaining Predisposing Factors that affect Oak Health in the UK and Advancements towards Management for Resilient Oak Populations	1 year
Dr M Hough	Diamond Light Source Ltd	£32,197	Development of Methods and Instrumentation for Collection, Analysis and Validation of Damage-Free Protein Structures in Defined Redox States	3 years
Dr E Low-Decarie	Royal Society	£15,000	Fresh Blue Carbon: Manageable Drivers of Carbon Flux from Freshwater Systems	1 year
Professor D Smith	Earthwatch Institute	£52,955	Coral Communities in the Seychelles	1 year
Professor T Lawson	Innovate UK	£27,850	Intelligent LED Lighting for Maximised Crop Yield and Reduced Energy Use	14 months
Dr J Paps Montserrat	Royal Society	£14,550	Worming out the Origins of Parasitism: Establishing a new model Organism, <i>Bothrioplana Semperi</i> , to study the Genomic Basis of Convergent Evolution in Animal Parasites	1 year
Dr J Barton, M Rogerson	New Philanthropy Capital	£13,250	Care, Farms and Ageing: An Evaluation of Future Roots Services to Older People (Future Roots)	4 months
Professor D Smith	HaskoningDHV UK Ltd	£12,000	Cayman Cruise Berthing Facility	1 year
Professor C Raines	British Council	£7,700	Newton Fund: PhD Placement Grant	14 months
Dr M Steinke	Colchester Oyster Fishery Ltd	£6,851	Quantification and Staging of Oyster Larvae	10 months
Dr T Cameron	The Fisheries Society of the British Isles	£4,930	Using Geothermal Streams to Explore Salmonid Adaptation to Warmer Waters	6 months
Dr J Barton, M Rogerson	The Wilderness Foundation	£2,000	The Imbewu Project 2016 - Fourth Phase	8 months
Dr J Worrall	Biochemical Society	£1,600	The Role of Carbohydrate Binding Modules Appended to Lytic Polysaccharide MonoOxygenases	
Total		£1,057,096		

Centre for Psychoanalytic Studies

Award Holder	Funding Body	Amount	Project Title	Duration
	Total	£0		

Computer Science and Electronic Engineering

Award Holder	Funding Body	Amount	Project Title	Duration
Professor K McDonald-Maier, Professor Gu, Professor M Colley	European Commission - Interreg	£292,630	INCASE: towards Industry 4.0 via Networked Control Applications and Sustainable Engineering	3 years
Professor H HU, Professor D Gu	Innovate/ Poulten, Selfe, & Lee Ltd	£249,026	KTP: The development of a Robotic Operated Sample Preparation and Delivery System to an Automated Viscometer for Petroleum, Cellulose and Other Ploymer Samples	3 years
Professor S Walker, Dr J Woods	Innovate/ LPA Group PLC	£239,354	KTP: To Embed a Novel Wireless Ethernet Capability across the Rail Networks	3 years
Dr A Clark, Professor H Hu	Innovate/C.G Eye Ltd	£203,574	KTP: The development of a commercially available Software Development Kit (SDK) that enables Augmented Reality (AR) developers to produce Geo-located AR Solutions for their Clients	30 months
Professor K McDonald-Maier	Engineering and Physical Sciences Research Council	£189,196	Security and Privacy for the Internet of Things (SPIRIT)	3 Years
Dr S Samothrakis, Dr C Luca, Professor M Fasli, Dr E Speed (HHS), Dr A Guinchard (Law)	Innovate/Orbital Media and Advertising Ltd	£174,986	KTP: The design and development of a scalable, avator-based, digital healthcare platform, driven by AI and and Machine Learning technology	30 months
Dr J Woods, Dr T Quinlan	Innovate/Above Surveying Ltd	£154,841	KTP: Development of EmbeddedData Sensors and Data Consolidation within a UAV Mounted Embedded Computer	2 years
Professor S Lucas	Visteon Engineering Services Ltd	£104,167	Everyday Travel App - Part 2	6 months
Dr L Citi	Engineering and Physical Sciences Research Council	£100,950	Decoding the neural Drive for Finer and More Intuitive Control of a Myoelectric Robotic Hand	17 months
Dr L Musavian	Engineering and Physical Sciences Research Council	£94,863	Towards Delay, Energy and Spectrum-Efficient Next Generation Wireless Networks (TANGO)	16 months
Professor H Hagra, E Tsang	British Telecommunications PLC	£50,000	Force Field Operations - Studentship	3 years
Professor H Hagra, E Tsang	British Telecommunications PLC	£50,000	Force Field Operations - Studentship	3 years
Professor M Fasli, Dr S Samothrakis (see Maths for PI)	Technology Strategy Board/Mondaq Ltd	£48,371	KTP: Embedding an Innovative Application of Advanced Data Mining, Data Analytics and Data Visualisation to Exploit the Growth Potential of the UK's Leading Insight Platform for Professional Services Firms	30 months
Professor S Lucas, D Perez-Liebana	Visteon Engineering Services Ltd	£34,159	Everyday Travel App - part 2	9 months
	Total	£1,986,116		

Economics

Award Holder	Funding Body	Amount	Project Title	Duration
Dr J Halket	Institute for Fiscal Studies	£13,508	CEMMAP	10 months
Dr B Etheridge	British Academy	£9,801	Female Selection into Occupations and Occupational Prices	1 year
Professor F Mengel	British Academy	£9,020	Early Years Interaction and Strategic Behaviour in Economic Games	2 years
	Total	£32,329		

Essex Business School

Award Holder	Funding Body	Amount	Project Title	Duration
Professor G Wood	ESRC via University of Sheffield	£13,990	Supply Chain Accounting and Employment Practices in the Rising Economies: Global Commodity Chains, Cost Effectiveness and Competitiveness	2 years
Dr S Gaia	British Academy	£9,621	Shareholder voting as a tool to reduce the Principal-Principal Agency Problem	19 months
Professor M Lamla	British Academy	£10,000	Big News for Small People: Formation of Perceptions and Expectations	17 months
Dr M Tasavori	British Academy	£9,362	Acquisition of and Integration with Firms in Developed Countries by Emerging Market Multinational Enterprises: Does it Pay off?	2 years
Professor C Girardone	British Academy	£4,996	The Effects of Financial Fragmentation Post Brexit on SMEs Access to Finance	18 months
Professor T Soobaroyan	University of Southampton	£3,000	The Quality of Board Decision Making Process in Higher Education Institutions: UK and European Experiences	2 months
Professor A Kontonikas	Leverhulme via University of Sheffield	£344	The Impact of Austerity Policies on the Wellbeing of Individuals in Europe	17 months
Total		£51,313		

Government

Award Holder	Funding Body	Amount	Project Title	Duration
Professor K Gleditsch	British Council	£29,050	Political, Economic, Social and Legal Aspects of Hosting Migrants and Refugees	1 year
Professor H Dorussen	Folke Bernadotte Academy	£12,445	Political Initiatives and Peacekeeping - Data Collection	11 months
Dr T Parr	British Academy	£9,415	Justice or Millionaires	1 year
Dr R Carroll	British Academy	£9,300	Understanding the Ideology, attitudes and Traits behind Public Opinion on Immigration Policy	18 months
Dr S Dietrich	British Academy	£5,400	A Failure of Imagination: How Cultural Differences Impede Empathy and the Flow of Foreign Aid	1 year
Professor K Gleditsch	Newton Fund (HEFCE)	£5,140	Fostering a Partnership between Essex and Universidad del Rosario, Columbia	1 year
Total		£70,750		

Health and Human Sciences

Award Holder	Funding Body	Amount	Project Title	Duration
Professor G Green	NIHR	£57,955	INVOLVE	48 months
Dr S McPherson	Healthwatch Essex	£10,450	Self Care	10 months
Dr E Speed (See CSEE for PI)	Innovate/Orbital Media and Advertising Ltd	£8,367	The design and development of a scaleable, avator-based, digital healthcare platform, driven by AI and and Machine Learning technology	30 months
Total		£76,772		

History

Award Holder	Funding Body	Amount	Project Title	Duration
Total		£0		

Institute for Social and Economic Research

Award Holder	Funding Body	Amount	Project Title	Duration
Professor H Sutherland	European Commission	£1,511,208	EUROMOD tax-benefit microsimulation model	1 year
Professor M Benzeval	Economic and Social Research Council	£1,481,385	Understanding Society Enhancements: Health and Biomarker Data Collection	3 months
Professor M Benzeval	Economic and Social Research Council	£547,857	Understanding Society Enhancements: Enhancement of the Biological Resource	3 months
Professor S Bhalotra	British Academy	£311,180	GCRF: Welfare Dependence and Poverty: Evaluating the Contribution of Health Shocks and Health Policy using Administrative Data	16 months
Professor M Benzeval	Economic and Social Research Council	£131,921	Understanding Society Enhancements: Development and Innovation project	3 months
Professor M Benzeval	Economic and Social Research Council	£113,609	Understanding Society Enhancements: New Data - Development, Value Added Activities and Demonstration Projects	3 months
Professor M Benzeval	Economic and Social Research Council	£100,558	Understanding Society Enhancements: Understanding Public Opinion on Leaving the EU	3 months
Professor S Bhalotra	HEFCE Newton Fund	£4,000	Implement Incentivized Laboratory in-field Experiments to Elicit Preferences of Women in the Intervention and Control Arms of a Randomized Control Trial	1 year
Total		£4,201,718		

Language and Linguistics

Award Holder	Funding Body	Amount	Project Title	Duration
Dr E Al-Wer	Leverhulme Trust	£172,302	The Emerging Dialect of Amman: a Study in New-Dialect Formation	3 years
Professor L Sadler	Leverhulme Trust	£107,646	Complementation Patterns in Vernacular Arabic	2 years
Dr U Horesh	British Academy	£14,950	Sociolinguistic Methodology: What to use, how to use it, and where to learn more about it?	1 year
Dr E Al-Wer	British Academy	£9,964	Religious Affiliation, Language Variation and National Identity in the Middle East	2 years
Dr C Luche	Experimental Psychology	£2,500	Phonological Representations of Regional Accents in the Child's Lexicon	1 year
Total		£307,362		

Law

Award Holder	Funding Body	Amount	Project Title	Duration
Professor N Lubell, J Hannah	Foundation to Promote Open Society	£94,154	Promoting Post Graduate Teaching and Research on Human Rights and Drugs	2 years
Professor N Lubell, J Hannah	UNDP	£59,936	Development of International Guidelines on Human Rights and Drug Control	1 year
Dr A Guinchard (See CSEE for P1)	Innovate/Orbital Media and Advertising Ltd	£8,367	The design and development of a scalable, avator-based, digital healthcare platform, driven by AI and Machine Learning technology	30 months
Professor S Michalowski	British Academy	£5,090	Integrating Corporate Actors into Transitional Justice Processes - the example of Colombia	8 months
Total		£167,547		

Literature, Film, and Theatre Studies

Award Holder	Funding Body	Amount	Project Title	Duration
Dr E Kuti, A Lax	Arts and Humanities Research Council	£80,760	Tales of Spring and Winter: Gender, Histories and Intergenerational Exchange in Global Theatre	18 months
Professor S Bahun	Leverhulme Trust	£48,316	Home and Modernism	1 year
Total		£129,076		

Mathematical Sciences

Award Holder	Funding Body	Amount	Project Title	Duration
Dr A Perperoglou, Professor B Lausen (see CSEE for Co I's)	Technology Strategy Board/Mondaq Ltd	£135,241	KTP: Embedding an Innovative Application of Advanced Data Mining, Data Analytics and Data Visualisation to Exploit the Growth Potential of the UK's Leading Insight Platform for Professional Services Firms	30 months
Professor E Codling	NERC via Scotland's Rural College	£10,106	Novel Animal-mounted Sensor Technology to Improve Efficient and Sustainability	18 months
Total		£145,347		

Philosophy and Art History

Award Holder	Funding Body	Amount	Project Title	Duration
Dr N Ruiz-Gomez	Leverhulme Trust	£20,588	The Scientific Artworks of Doctor Jean-Martin Charcot and the Salpetriere School	4 months
Total		£20,588		

Psychology

Award Holder	Funding Body	Amount	Project Title	Duration
Professor P Hibbard	Leverhulme Trust	£71,714	Depth-cue combination in complex natural scenes	3 years
E Valentini	Bial Foundation	£37,475	The Painful Awareness of Death: influence of thoughts of Death on Behavioural and Cerebral Activity Associated with Painful Nociceptive Stimuli	2 years
Total		£109,189		

Sociology

Award Holder	Funding Body	Amount	Project Title	Duration
Dr M Roper	AHRC via Hertfordshire	£80,134	Central and Eastern Regional Centre for Exploring the First World War	2 years
Dr M Roper	The Leverhulme Trust	£46,192	Children, play, and the Legacies of the Great War in Britain	2 years
Dr A Sergi	British Academy	£9,750	Cultural Differences or Cultural Bias? Policing the Calbrian 'ndrangheta around the World	1 year
Dr K Wheeler	British Academy	£7,025	Educating Young People as Sustainable Citizen-consumers	17 months
Total		£143,101		

UK Data Archive

Award Holder	Funding Body	Amount	Project Title	Duration
A Etheridge	CESSDA	£55,120	Metadata Management - phase 2	20 months
J Shepherdson	CESSDA	£54,941	CV Manager	21 months
J Shepherdson	CESSDA	£32,733	Product and Services Catalogue Phase 2	21 months
J Shepherdson	CESSDA	£27,940	Technical Framework (Phase 3)	1 year
A Etheridge	CESSDA	£25,680	Euro Question Bank 2016	12 months
Dr V Van Den Eynden	CESSDA	£21,800	Collaborative Data Management Module for Comparative Social Science Researchers	1 year

A Etheridge	CESSDA	£18,949	Euro Question Bank phase 2	12 months
J Shepherdson	CESSDA	£18,096	Technical Framework (Phase 2)	5 months
J Shepherdson	CESSDA	£12,567	CESSDA Products and Services Catalogue Activities Phase 1	5 months
Total		£267,826		

University of Essex

Total **£8,766,130**