

Research Grants and Contracts Awarded 2017-18

Biological Sciences

Award Holder	Funding Body	Amount	Project Title	Duration
Dr J Paps Montserrat	Wellcome Trust	£99,870	Fighting Global Warming: Understanding Parasites using Evolutionary Genomics	2 years
Professor L Schalkwyk	Medical Research Council	£98,394	Regulatory Genomic Profiling in Schizophrenia	3 years
Dr B McKew, Dr C Whitby, Dr T McGenity, Dr L Hepburn, Dr T Cameron	Natural Environment Research Council	£52,392	Quantifying a Marine Ecosystem's Response to a Catastrophic oil Spill	1 year
Professor T Lawson	British Council	£48,410	Phenotyping Thai Rice Photosynthesis for Sustainable Rice Production	2 years
Dr M Taylor	British Ecological Society	16,641	Using Next Generation Sequencing to Investigate Impacts of Historical Southern Ocean Climate Change in Deep-Sea Octocorals	2 years
Dr J Worrall	BBSRC via Durham University	£10,000	Creating new Starch Active Copper LPMOs through the Generation of Loop Libraries	4 months
Dr T Cameron	Natural England	£5,000	Modelling the Stock Structure and Potential Responses to Fishing in the Blackwater, Crouch, Roach and Colne MCZ European Native Oyster Population in Essex	20 months
Dr B McKew	NERC	£4,500	EnVEast CASE CEFAS Studentship	3 years
Dr T Cameron	Kent and Essex Inshore Fisheries and Conservation Authority	£3,000	Modelling the Stock Structure and Potential Responses to Fishing in the Blackwater, Crouch, Roach and Colne MCZ European Native Oyster Population in Essex	20 months
Total		£338,207		

Computer Science and Electronic Engineering

Award Holder	Funding Body	Amount	Project Title	Duration
Professor K McDonald-Maier, Dr S Ehsan	EPSRC via Birmingham University	£1,386,737	National Centre for Nuclear Robotics (NCNR)	42 months
Dr M Reed, N Thomos	European Commission	£300,479	Secure and Safe Internet of Things	3 years
Dr S Samothrakis, Dr L Citi, Dr M Fairbanks, Professor M Fasli	Innovate UK/Preqin Ltd	£239,446	KTP: Create new Methods of Capturing Insight from Current and Future Preqin Datasets by Embedding AI and Machine Learning Techniques across the Unique Preqin Investor Platform	3 years

Dr C Ventre, Dr S Samothrakis, Professor M Fasli	Innovate UK/Data Spartan Ltd	£234,411	KTP: To investigate the use of Algorithms (generic and reinforcement) for the identification of optimal asset trading strategies	3 years
Professor S Walker, Dr M Thakur	Innovate UK/Profusion PLC	£194,391	KTP: To Develop Ethernet Based Software to Control Reference Design for Networked Microphones and Active Loudspeakers	30 months
Professor S Walker, Professor A Vickers	Innovate UK/Aber Electronics Ltd	£159,073	KTP: To Design a Wide Band Radio Frequency over Optical Fibre Link in an Innovative Radio Frequency and Microwave Design Company	2 years
Dr F Doctor	Harvard University	£154,947	Data Driven Computational Models for Prediction and Simulation of Path Dependences in Complex Dynamic Labour Market Systems	20 months
Dr R Sutcliffe, Professor P Shukla (EBS) , Dr S Samothrakis, Professor M Fasli	Innovate UK/Objective Computing Ltd	£142,548	KTP: To Embed a NLP Capability in Objective	2 years
Dr F Sepulveda	Pontificia Universidad Catolica Del Peru (PUCP)	£12,813	Control of an Assistant Robot through a Brain-Computer Interface for Motor-disabled People	1 year
Total		£2,824,846		

Economics

Award Holder	Funding Body	Amount	Project Title	Duration
Dr V Arthis	British Academy	£9,990	Deportation Risk: Public Health, and Local Labour Markets: Evidence from the English Poor Law	2 years
Professor S Weidenholzer	Bank of England	£5,000	Copy Trading and Financial Risk	2 years
Professor T Crossley	NatCen	£3,222	Re-design of Living Costs and Food Survey	3 months
Total		£18,212		

Essex Business School

Award Holder	Funding Body	Amount	Project Title	Duration
Professor R Taylor	Economic Social Research Council	£320,459	Investigating Structural Change in Predictive Regressions with Applications to Forecasting Stock Returns	3 years
Professor D Holt	Royal Society	£99,000	Informal and Formal Network Structures amongst Marginalised Groups in Township Microenterprises	2 years
Dr R Sutcliffe, Professor P Shukla (EBS) , Dr S Samothrakis, Professor M Fasli (see CSEE)	Innovate UK/Objective Computing Ltd	£13,450	To Embed a NLP Capability in Objective	2 years

Dr A Sengupta	SRHE	£10,000	Exploring the Complexity of Universities' Knowledge Exchange Activities: Looking beyond currently measured outcomes	1 year
Dr P Ahonen	British Academy	£9,574	Reorganising Race: Racialisation and Organisation	2 years
Dr R Limki	London Roots Collective Ltd	£650	Training the Trainer - Understanding Power Dynamics for Social Change	1 month
		Total	£453,133	

Health and Social Care

Award Holder	Funding Body	Amount	Project Title	Duration
Professor G Green	Open Road Vision	£19,825	The Evaluation of the Steriod, Weights, Education and Therapy Service (SWEAT)	3 years
		Total	£19,825	

History

Award Holder	Funding Body	Amount	Project Title	Duration
Dr T Loughran	Wellcome Trust	£613,365	Body, Self and Family: Women's Psychological, Emotional and Bodily Health in Britain, c1960-1990	3 years
Dr B Jenkins	British Academy	£240,851	Gender and Professional Culture in Britain, 1890-1950	3 years
Professor M Assuncao	Arts and Humanities Research Council	£193,631	Contemporary Capoeira in Rio de Janeiro, 1948-1982	18 months
Dr L Noakes	Arts and Humanities Research Council	£138,884	Reflections on the Centenary of the First World War: Learning and Legacies for the Future	32 months
Dr T Loughran	British Academy	£5,445	Body, Self and Family: Women's Psychological, Emotional and Bodily Health in Britain, c1960-1990	17 months
		Total	£1,192,176	

Institute for Social and Economic Research

Award Holder	Funding Body	Amount	Project Title	Duration
Professor H Sutherland	European Commission	£1,572,500	EUROMOD tax-benefit microsimulation model	1 year
Dr S Harkness	NORFACE	£450,575	Inequality, Early Adult Life Courses and Economic Outcomes at Mid-Life in Comparative Context	3 years
Dr A Jackle, Professor M Brewer, Professor T Crossley (Economics)	Economic and Social Research Council	£378,058	Understanding Household Finances through better Measurement	18 months
Professor A Jackle	Nuffield Foundation	£293,079	Understanding and Improving Data Linkage Consent in Surveys	2 years

Psychology

Award Holder	Funding Body	Amount	Project Title	Duration
Dr G Rieger	American Institute of Bisexuality	£54,000	The Measurement and Development of Sexual Arousal in Men and Women	3 years
Dr H Gillmeister	British Academy	£9,824	Extraordinary Bodies: People's Visual Perceptions of Physical Disabilities (and how we might change them)	1 year
K Buchanan	Green Energy Options Ltd	£3,205	In Home-Displays for Green Energy Options	5 months
		Total	£67,029	

Sociology

Award Holder	Funding Body	Amount	Project Title	Duration
Dr R Luthra	SRHE	£10,000	Making EU Staff Wellcome in a Hostile Policy Context: Human Resource Strategies in UK Higher Education	1 year
		Total	£10,000	

Sports, Rehabilitation and Exercise Sciences

Award Holder	Funding Body	Amount	Project Title	Duration
Dr V Gladwell, Dr J Barton, Dr M Rogerson	UK Active	£11,285	UK Active short-term research	1 year
		Total	£11,285	

UK Data Archive

Award Holder	Funding Body	Amount	Project Title	Duration
J Shepherdson	CESSDA	£165,166	CESSDA - Cloud Platform	1 year
J Shepherdson	CESSDA	£93,204	CESSDA - Vocabulary Services Multilingual Content Management phase 1	1 year
J Shepherdson	CESSDA	£67,362	CESSDA - Product and Services Catalogue (PaSC) phase 3	1 year
L Corti	ESRC NCRM	£57,114	QA My Quant Data	1 year
Dr V Van Den Eynden	European Commission	£24,823	Data Discovery and Research Data Management Training	1 year
Anne Etheridge	CESSDA	£22,225	Euro Question Bank 2018	1 year
J Shepherdson	CESSDA	£18,244	CESSDA - Technical Framework Phase 4	1 year
		Total	£448,138	

Total **£7,524,494**