

Research Grants and Contracts Awarded 2015-16

Biological Sciences

Award Holder	Funding Body	Amount	Project Title	Duration
Professor R Geider, Dr T Lawson, Dr U Bechtold, Dr M Metodiev	Natural Environment Research Council	£556,206	Identifying the Mechanisms and Resource Use Implications of Acclimation to High-Temperatures in Marine Cyanobacteria	42 months
Dr V Bavro	Biotechnology and Biological Sciences Research Council	£437,358	Mapping the Interactions within Multidrug Efflux Pump Assemblies	3 years
Professor C Raines	University of Illinois	£415,040	RIPE: Realizing increased Photosynthesis Efficiency for Sustainable Increase in Crop Yield - Forth tranche funding	12 months
Professor C Raines, Dr T Lawson	Biotechnology and Biological Sciences Research Council	£295,391	15-IWYP Realising Increased Photosynthetic Efficiency to Increase Wheat Yield	3 years
Dr R Zwacka	Prostate Cancer UK	£255,817	MSC - Mediated delivery of TRAIL for the treatment of Prostate Cancer	3 years
Dr T Lawson, Dr U Bechtold, Professor C Raines	Biotechnology and Biological Sciences Research Council	£251,820	PHOTOWHEAT: Exploiting variation in Stomatal Dynamics and Ear Photosynthesis to Optimise Wheat Productivity	3 years
Dr T Lawson, Professor C Raines	Biotechnology and Biological Sciences Research Council	£222,818	15-IWYP Wider and Faster: High-throughput Phenotypic Exploration of Novel Genetic variation for Breeding High Biomass and Yield in Wheat	3 years
Professor I Colbeck	Natural Environment Research Council	£163,544	Rapid Monitoring of Bioaerosols in Urban, Agricultural and Industrial Environments	3 months
Professor G Underwood, C Passarelli	European Commission	£141,177	Impacts of Nanoparticles on Microphytobenthic Biofilms and Consequence on the Carbon Cycle	2 years
Dr P Marulasiddappa	The Wellcome Trust	£99,980	Development of High-throughput Methods to decode the Function of Enhancers	2 years
Dr V Bavro	The Wellcome Trust	£99,989	Elucidating the Interactions of Antibodies with Multidrug Efflux-pumps	2 years
Dr R Zabet	The Wellcome Trust	£99,898	Investigating the effects of Chromatin Architecture on Gene Regulation	2 years
Dr A Marco	The Wellcome Trust	£98,521	Population Dynamics of MicroRNA Regulation: Biomedical Applications	2 years

Dr P Laissue	The Royal Society	£90,650	Lightsheet Illumination Modules for Low-Prototoxicity Fluorescence Microscopy	3 years
Dr V Teif	The Wellcome Trust	£85,432	Nucleosome Repositioning as a mechanism for Cell Memory in Cancer Transitions	1 year
Dr T Lawson	Biotechnology and Biological Sciences Research Council	£52,126	Role of Protein Phosphorylation in Maintenance of Photosystem Two Activity	3 years
Dr T Lawson	Bayer CropScience NV	£39,333	Screening Natural Variation in Stomatal Responsiveness for Increased Transpiration and/or CO2 Assimilation	8 months
Dr J Barton	The Widerness Foundation UK	£7,682	TurnAround Berkshire 2016	2 years
Dr P Freeman	International Olympic Committee	£6,929	Coach, Athlete, and Relational Influences on Development Athletes' Attitudes, Intentions and Willingness to Dope	1 year
Dr E Low-Decarie	British Ecological Society	£5,000	Extremophiles in Benign Environments: Insights into the Distribution and Function of Microorganisms	1 year
Dr A Dumbrell	University of Ljubljana	£4,500	Diversity and Community Composition of AMF in Selected Secondary Succession areas in Balkan Peninsula	2 years
Dr A Dumbrell	University of Ljubljana	£3,500	Response of Plant Roots and Mycorrhizal Fungi to Soil Hypoxia	2 years
Dr T Cameron	Kent & Essex Inshore Fisheries and Conservation Authority	£3,000	Community Ecology of the Native Oyster: Developing Best Practice for Economic and Environmental Sustainability of an Important Regional Fishery	3 years
Dr C Whitby, Dr T Lawson	ADC Bioscientific Ltd	£3,000	Disentangling Plant-Soil Microbe-Plant Feedback Loop Interactions under Soil Drought Stress Conditions	3 years
Professor I Colbeck	Provectus Remediation Ltd	£4,300	Composting Cotton Fabrics	3 months
Professor N Fernandez	The Wellcome Trust	£2,000	The Role of Soluble Factors in Regulating Maternally Derived Fibroblasts	2 months
Dr R Ferguson	The Aerosol Society	£1,200	Characterisation of Bioaerosol Bacterial Communities in Different Size Fractions from Urban, Industrial and Agricultural Environments	6 weeks
Total		£3,446,210		

Centre for Psychoanalytic Studies

Award Holder	Funding Body	Amount	Project Title	Duration
Professor R Main	Arts and Humanities Research Council	£185,312	One World: Logical and Ethical Implications of Holism	2 years
Mr C Tanner	My Home Life Essex Community Association	£16,693	Independent Evaluation of the MHLECA Friends and Neighbours Scheme	14 months
Total		£202,005		

Computer Science and Electronic Engineering

Award Holder	Funding Body	Amount	Project Title	Duration
Professor M Poesio	European Commission	£1,999,576	Disagreements and Language Interpretation (DALI)	5 years
Dr L Citi, Professor R Poli	European Commission	£489,332	NEVERMIND - Neurobehavioral Predictive and Personalized Modelling of Depressive Symptoms during Primary Somatic Disease with ICT-enabled Self Management procedures	4 years
Dr L Citi, Professor R Poli	European Commission	£422,359	DeTOP- Dexterous Tranradial Osseointegrated Prosthesis with Neural Control and Sensory Feedback	4 years
Professor D Mirshekar	EPSRC via Loughborough University	£260,577	Unlocking Potentials of MIMO Full-Duplex Radios for Heterogeneous Networks (UPFRONT)	3 years
Dr J Woods, Professor S Walker	Innovate/Dicam Technology Ltd Ltd	£144,656	To Design and Develop Embedded Systems and Peripherals for Control and Monitoring applications making best use of available communications and Microprocessor Technologies	2 years
Dr S Samothrakis, Dr L Citi, Professor M Fasli	Innovate/Objective Computing Ltd	£142,401	To Extend the Business Intelligence and Digital Marketing Offer by Developing and Embedding a new Data Analytics Capability	2 years
Professor R Poli	BAE Systems Operation Ltd	£16,761	Brain Computer Interface Assisted Confidence Estimation for Group Decision making, Performance/Attention Tracking, and Personnel Selection and Training	3 months
Professor K McDonald-Maier	The Ministry of Defence	£12,355	Research and Development into the HERIOT - High Entropy IoT	3 months
Total		£3,488,017		

Health and Human Sciences

Award Holder	Funding Body	Amount	Project Title	Duration
Dr C Green, Dr D Tucker	Anglian Community Enterprise	£96,872	Long-term Impact of Care Closer to Home on Anglian Community Enterprise	4 years
Dr L Andrews	Essex County Council	£87,057	Evaluating the Risk Avert Intervention in Essex Schools	3 years
Dr C Barratt	Essex County Council	£21,223	Qualitative Evaluation of Good Lives Innovation Pilot	3 months
Dr S McPherson, Dr L Andrews, Dr D Taggart, Professor P Cox	Norfolk & Suffolk NHS Foundation Trust	£14,759	Analysis of Data from an Evaluation of the Norfolk Perinatal Infant Mental Health Service (PIMHS)	16 months
Total		£219,911		

History

Award Holder	Funding Body	Amount	Project Title	Duration
Dr A Wilkinson	ESRC via University of Cambridge	£50,853	Drivers of Entrepreneurship and Small Business	3 years
Total		£50,853		

Institute for Social and Economic Research

Award Holder	Funding Body	Amount	Project Title	Duration
Professor M Benzeval, Dr J Burton, Professor P Clarke, Professor Crossley (ECON), Dr B Rabe, Professor S Saggat	Economic and Social Research Council	£27,107,875	Understanding Society: The UK Household Longitudinal Study, Waves 9-11 (Also see Economics)	5 years
Professor H Sutherland	European Commission	£1,154,969	EUROMOD Update 3 (Yr 1)	1 year
Professor M Benzeval	Economic and Social Research Council	£355,000	Capital Enhancements to Understanding Society Waves 6-8	
Dr A Nandi, Professor S Saggat, Professor M Benzeval, Dr R Luthra	Economic and Social Research Council	£138,060	The Prevalence and Persistence of Ethnic and Racial Harassment and its Impact on Health: A longitudinal Analysis	18 months
Professor H Sutherland	United Nations University - World Institute for Development Economics Research (UNU-WIDER)	£125,670	The Economics and Politics of Taxation and Social Protection	19 months
Professor A Delevande, Professor S Bhalotra, Dr P Fisher	Economic and Social Research Council	£122,426	The Effects of a Tailored Health Warning on Socio-Economic Behaviours and Health Outcomes	18 months
Professor H Sutherland	European Commission - Joint Research Council	£115,185	EUROMOD - Extension to Indirect Taxation	1 year
Professor H Sutherland	Applica sprl	£91,605	Social Situation Monitor (SSM)	15 months
Dr A Nandi	ESRC via UEA	£80,115	Work, Learning and Wellbeing	30 months

Dr S Longhi, Dr M Brynin	EHRC	£51,295	Causes of Gender, Disability and Ethnic Pay Gaps	7 months
Professor H Sutherland	European Commission - DGEMPL	£14,996	Convergence of Minimum Benefit Schemes in Europe: Evidence at the Micro Level	5 months
Professor S Bhalotra	International Growth Centre via LSE	£18,400	Female Politicians and Economic Growth: Evidence from State Elections in India.	1 year
Dr R Kanabar	Citizen Advice Bureau	£1,980	Analysis of Understanding Society Survey	11 months
Total		£29,377,575		

Language and Linguistics

Award Holder	Funding Body	Amount	Project Title	Duration
Dr U Horesh, Dr Al-Wer (mentor)	British Academy	£241,538	Further Sociolinguistic Explorations in Palestinian Arabic: Language and Identity, Religion and Urbanisation	3 years
Dr C Delle Luche	British Academy	£7,973	How does the Phonological Distance Impact the Early Bilingual Lexicon	18 months
Dr R Clift	British Academy	£6,945	The Body in Action: the "open-palm" gesture in Comparative Perspective	1 year
Dr C Gkonou	The British Council	£3,256	A Global Study on EFL Teachers' Emotional and Social Intelligence	1 year
Professor L Sadler	Ministry of Education and Employment	£2,100	Negation in Maltese	3 years
Total		£261,812		

Law

Award Holder	Funding Body	Amount	Project Title	Duration
Dr K Hulme, R Owen, Professor Uddin (EBS), Dr Perperoglou (Maths), A Clarke (CSEE)	Campaign to Protect Rural England	£46,473	A Strategy to Solve England's Litter Problem	12 months
Professor N Lubell, J Hannah	Geneva Academy	£33,428	Duty to Investigate	6 months
Professor N Lubell, J Hannah	Foundation to Promote Open Society	£16,923	Promoting Rights-Based Drug Policy in Europe	1 year
Dr Y Marique	British Academy	£14,922	Shaping a European Legal Culture - Opportunities and Challenges for Comparative Public Law	1 year
R Owen	Charity Aid Foundation	£5,095	Pedestrian Law Research Project	3 months
Total		£116,841		

Literature, Film, and Theatre Studies

Award Holder	Funding Body	Amount	Project Title	Duration
Professor M Fumagalli	Leverhulme Trust	£165,297	Derek Walcott's paintings	3 years
Professor J Lichtenstein	Leverhulme Trust	£32,778	The Journey in Reverse: A work of Prose-fiction with Photographs	11 months
Total		£198,075		

Mathematical Sciences

Award Holder	Funding Body	Amount	Project Title	Duration
Dr G Williams	London Mathematical Society	£1,185	Research Visit to Oregon University	3 weeks
Dr A Vernitski	London Mathematical Society	£400	Support of Collaborative Research	3 months
Total		£1,585		

Philosophy and Art History

Award Holder	Funding Body	Amount	Project Title	Duration
Total		£0		

Psychology

Award Holder	Funding Body	Amount	Project Title	Duration
Dr J Rolison	Engineering and Physical Sciences Research Council	£145,234	A New metric for the Assessment of Driver Crash Risks	17 months
Professor M Callen	Leverhulme Trust	£103,128	Rejecting Innocent Victims: The Roles of Relative Judgements and Emotional Impact	16 months
Dr M Juanchich, Dr M Sirota	NIHR via Kingston University	£55,163	How Professional Supervision can best Influence the Quality of Social Work Decisions	31 months
Dr J Rolison	The Secretary of State for Transport	£15,024	The Development of a new Road Accident Reporting System	3 months
Dr A Fetterman	British Academy	£10,000	The Role of Metaphors in Understanding and Thinking	2 years
Dr M Sirota	British Academy	£9,696	Measuring Intuition Inhibition without Math: Developing a Verbal Test of Cognitive Reflection Ability	7 months
Total		£338,245		

Sociology

Award Holder	Funding Body	Amount	Project Title	Duration
Professor Y Soysal	Economic and Social Research Council	£289,617	Asian Educational Mobilities: A Comparative Study of International Migration of Japanese and Chinese Higher Education Students	3 years
Professor L Morris	Leverhulme Trust	£177,610	The Moal Economy of Welfare and Migration: Reconfiguring Rights in Britain	3 years
Dr I Crowhurst	COST Action	£90,750	Understanding Scales and Cultures of Governance	1 year
Professor M Roper	AHRC via Hertfordshire	£18,213	Meeting in No Man's Land: German and British Elders Exchange Family History from the First World War	11 months
Dr S Hewamanne	British Academy	£10,000	Re-Thinking Intimate Partner Violence: Soldiers and Former Free Trade Zone (FTZ) Factory Workers in Post Civil War Sri Lanka	2 years
Professor Y Soysal	British Academy	£9,937	Internationalization of Higher Education: A "Big Data" analysis	16 months
Total		£596,126		

UK Data Archive

Award Holder	Funding Body	Amount	Project Title	Duration
L Corti	Economic and Social Research Council	£148,114	Data: Enabling Household Energy Data	19 months
Professor M Woollard	CESSDA	£32,740	Metadata Management	18 months
Professor M Woollard	CESSDA	£19,118	Technical Framework	7 months
Professor M Woollard	CESSDA	£12,683	Metadata Harvesting Tool	7 months
Professor M Woollard	CESSDA	£11,620	Data Access and Dissemination	8 months
Total		£224,275		

University of Essex**Total** **£40,081,682**