

## Research Grants and Contracts Awarded 2011-12

### Biological Sciences

Award Holder	Funding Body	Amount	Project Title	Duration
Dr C Whitby, Professor G Underwood, Professor D Nedwell, Dr L F Dong	Natural Environment Research Council	£653,639	The Role of Lateral Exchange in Modulating the Seaward Flux of CNP	3 years
Professor G Underwood, Dr T McGenity, Dr A Dumbrell	Natural Environment Research Council	£395,329	The Key Role of DOM in Regulating Microbial Diversity, Community Structure and Organic Carbon Cycling in Artic Lakes	3 years
Professor C Raines, Dr T Lawson, Dr U Bechtold	Biotechnology and Biological Sciences Research Council	£352,167	Metabolic Engineering to Enhance Photosynthesis based on Empirical Data and in Silico Modelling	3 years
Professor G Underwood, Dr T McGenity, Dr A Dumbrell	Natural Environment Research Council	£245,475	A Hierarchical Approach to the Examination of the Relationship between Biodiversity and Ecosystem Service Flows across Coastal Margins	4 years
Dr T McGenity, Dr M Steinke, Dr T Lawson	Natural Environment Research Council	£171,348	Microbial Degradation of Isoprene in the Terrestrial Environment	3 years
Professor C Cooper	ICENI Seedcorn Fund	£145,000	Blood Substitutes Project	1 year
Dr C Whitby	Natural Environment Research Council	£104,228	Process Scale-Up for Rapid Naphthenic Acid Removal from Oil Sands Process Waters (OSPW)	1 year
Dr Matthew Jones	Leverhulme Trust	£75,000	Early Career Fellowship: Understanding How Plants Regulate Responses to High Light and High Heat	3 years
Dr P Reeves, Dr M Metodiev, Dr P Laissue	British Renitis Pigmentosa Society	£52,711	Structural Restoration of Rhodopsin ADRP Mutants - 2nd year	1 year
Dr P Reeves	National Institute for Health (NIH)	£47,710	Structure and Activation Mechanisom of the Visual Pigment Rhodopsin (Year 1)	1 year
Dr D Suggett	European Commission	£35,611	SymbioCoRe	3 years
Dr J Mason	Wellcome Trust	£30,000	Using Digital Art to Raise Awareness of Alzheimer's Disease	3 years
Professor P Mullineaux, Dr U Bechtold	Biotechnology and Biological Sciences Research Council	£23,795	India - Transfer of Regulatory Genes from Aribidopsis to Indian Mustard for Drought Tolerance and Yield Increase	4 years
Dr M Griffin	Central Essex Community Services CIC (CECS)	£21,500	Evaluation of Mid Essex's Productive Community Services Programme	1 year

Dr B Reeder	Royal Society	£12,975	The Role of Non-Symbiotic Plant Haemoglobin Structure and Function in Cell Signalling	1 year
Professor C Cooper	Artinis Medical Systems B.V	£11,000	Quantification of the Effect of Adipose Tissue Thickness on Near Infrared Spectroscopy Measurements of Tissue Oxygen Saturation in a Range of Subjects, during Rest and Moderate Exercise	6 months
Dr M Griffin	Central Essex Community Services CIC (CECS)	£10,000	Adult Speech and Language Therapy Service - Remote Therapy Protocol	1 year
Dr A Dumbrell	University of Wageningen	£5,467	Suppression and Promotion of Clover Species through Plant-Species Specific Biotic Soil Legacies	1 year
Dr M Griffin	Colchester United Community Sports	£5,000	Identifying Geographic Areas of Multiple deprivation in the Immediate Region....	1 month
Dr A Dumbrell	University of Wageningen	£3,230	Visiting Scientist Grant	6 months
Dr T McGenity	Society for General Microbiology	£1,850	SGM Vacation Studentship 2012	2 months
Dr P Reeves	Wellcome Trust	£1,440	Temperature-sensitive Misfolding in Rhodopsin Retinitis Pigmentosa Mutants	2 months
Dr J Worrall	Society of Biology	£1,440	Elucidating the Maturation Pathway of a Cuproenzyme Proposed to be critical for Motphological	2 months
Dr J Mason	Wellcome Trust	£1,440	Studying the Effect of Covalently Coupled in Vivo Library Selected Inhibitors on B-amyloid	2 months
Dr M Rakobowchuk	Society of Biology	£1,440	The Role of Prostaglandin and Anti-Oxidant availability on recovery from Forearm Ischemia-Reperfusion	2 months
Dr A Dumbrell, Dr E Codling	British Ecological Society	£1,300	Understanding Mathematical Models in Ecology: A Workshop for the Uninitiated Empiricist	1 month
		Total	£2,410,095	

**Centre for Environment and Society**

<b>Award Holder</b>	<b>Funding Body</b>	<b>Amount</b>	<b>Project Title</b>	<b>Duration</b>
R Bragg, Dr J Barton	Suffolk Wildlife Trust	£8,570	Networking Nature: Action for Wildlife in every Parish	47 months
Dr J Barton	Wilderness Foundation	£7,500	TurnAround 3	44 months
R Bragg	RSPB	£7,000	To Establish a Robust Methodology for Measuring Connection to Nature in Children	11 months
R Bragg	CVS Tendring	£1,548	BREC Project	2 months
Total		£24,618		

**Centre for Psychoanalytic Studies**

<b>Award Holder</b>	<b>Funding Body</b>	<b>Amount</b>	<b>Project Title</b>	<b>Duration</b>
Total		£0		

**Centre for Theoretical Studies**

<b>Award Holder</b>	<b>Funding Body</b>	<b>Amount</b>	<b>Project Title</b>	<b>Duration</b>
Total		£0		

**Computer Science and Electronic Engineering**

<b>Award Holder</b>	<b>Funding Body</b>	<b>Amount</b>	<b>Project Title</b>	<b>Duration</b>
Professor K McDonald-Maier, Dr M Fasli, Professor H Hu, Professor R Poli, Dr F Sepulveda	Engineering and Physical Sciences Research Council	£456,818	Global Engagement with NASA JPL and ESA in Robotics, Brain Computer Interfaces and Secure Adaptive Systems for Space Applications - RoBoSAS	1 year
Professor K Yang	Engineering and Physical Sciences Research Council	£345,601	Digital Agent Networking for Customer Energy Reduction (DANCER)	4 years
Dr G Zervas, Professor D Simeonidou	Technology Strategy Board	£259,839	Active Distributed & Dynamic Optical Network Access Systems (ADDONAS)	3 years
Professor B Ridley	Office of Naval Research	£98,675	Theory of Transport in Semiconductor Devices	3 years
Professor H Hagrais	British Telecom	£56,500	Studentship: An Intelligent Type-2 Fuzzy Logic Based System for Schedule Adherence of Optimised Planning Systems	2 year

Dr K Yang	European Commission	£45,961	Mobile Cloud Computing Network, Services and Architecture (MONICA)	3 years
Dr J Woods	ICENI Seedcorn Fund	£11,750	Video Streaming Project	9 months
Dr M Reed	British Telecom	£7,000	Assessing the Performance and Impact of Wideband Telecommunications	1 year
Total		£1,282,144		

### Economics

Award Holder	Funding Body	Amount	Project Title	Duration
Professor A Galeotti	Leverhulme Trust	£70,000	Philip Leverhulme Prize: Economics	3 years
Dr R Gray	Economic and Social Research Council	£17,631	Economic Growth and Economic Performance Over the Long Run: Frontier Research in Economic and Social History	2 years
Dr J Halket	Institute for Fiscal Studies	£14,708	Cenmap Centre	16 months
Dr G Wright	British Academy	£2,700	The Short and Long Run Gains from Trade	1 year
Total		£105,039		

### Essex Business School

Award Holder	Funding Body	Amount	Project Title	Duration
Mr P Hitchen	Fisher Jones Greenwood, ERDF	£40,140	To Re-engineer Business Processes	6 months
Professoer T Eng	Software in Partnership Ltd, ERDF	£20,722	Development and Implementation of Marketing and Sales Strategies	11 months
Professor Steffen Boehm	Green Light Trust	£16,300	Evaluation of Low Carbon Champions Project	18 months
Professor Steffen Boehm	East of England Co-operative Society	£16,128	Assessing the Contribution of Local Food Systems to Community Wellbeing in the East of England	1 year
Professor Steffen Boehm	British Academy	£9,980	Assessing the Contribution of Local Food Systems to Community Wellbeing in the East of England	1 year
Professor Steffen Boehm	Firstsite	£9,000	Measuring the Impact of Culture on Well-Being	3 years
Dr I Khadaroo	ICAS	£750	Risk Perception and Management in UK Banks	11 months
Total		£113,020		

## Government

<b>Award Holder</b>	<b>Funding Body</b>	<b>Amount</b>	<b>Project Title</b>	<b>Duration</b>
Dr V Bove	British Academy	£233,583	The Political Economy of Authoritarian Rule: Repression, Regime Change and Third Party Intervention	3 years
Professor E Kirchner, Prof H Dorussen	European Commission	£178,757	ANVIL	2 years
Dr I Gizelis	British Academy	£78,787	A Country of Their Own: Womens Organisations and Peacebuilding Operations	10 months
Dr R Lindstaedt	British Academy	£7,500	Globalization and Political Accountability in the UK	1 year
Dr R Johns	ESRC via University of Strathclyde	£4,616	Scottish Election Study 2011	1 year
		Total	£503,243	

## Health and Human Sciences

<b>Award Holder</b>	<b>Funding Body</b>	<b>Amount</b>	<b>Project Title</b>	<b>Duration</b>
Professor J Jackson, Dr L Marsland, Professor B Lausen	National Institute for Health Research	£57,055	Modified Pilates as an Adjunct to Standard Physiotherapy care for Urinary Incontinence	3 years
		Total	£57,055	

## History

<b>Award Holder</b>	<b>Funding Body</b>	<b>Amount</b>	<b>Project Title</b>	<b>Duration</b>
Professor J Raven	Economic and Social Research Council	£74,725	Rescuing and Preserving Lost Heritage	1 year
Dr M Frost	British Academy	£9,401	Writing the Great Asian War	1 year
		Total	£84,126	

## Human Rights Centre

<b>Award Holder</b>	<b>Funding Body</b>	<b>Amount</b>	<b>Project Title</b>	<b>Duration</b>
Scott Sheeran	Foreign and Commonwealth Office	£28,584	Support Project on the Human Rights Situation in the Republic of Iran	1 month
Dr Mark Frost	British Academy	£9,401	Writing the Great Asian War	1 year
N Derejko	Open Society Institute	£4,839	Torture in Asia	10 months
		Total	£42,824	

**Institute for Democracy and Conflict Resolution**

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	£1,242,873	EUROMOD Update (Yr4)	1 year
Dr M Taylor, Dr M Bryan, Dr H Laurie, Dr C Carrillo Tudela, Professor M Coles	Economic and Social Research Council	£479,445	Understanding the Impact of Recession on Labour Market Behaviour in Britain	3 years
Professor H Sutherland, Dr M Iacovou, Dr H Levy	European Commission	£412,577	Poverty Reduction in Europe Social Policy and Innovation (IMPROVE)	4 years
Professor Y Kelly, Professor A Sacker	Economic and Social Research Council	£207,740	Disparities in Children's Health & Development: The importance of Race/Ethnicity in the UK and US	42 months
Dr A Salvatori	Economic and Social Research Council	£161,854	Job Polarisation and Job Quality	3 years
P Lugtig	Economic and Social Research Council	£129,016	Survey Data Quality in Panel Surveys: Trade-offs between Non Response and Measurement Errors	3 years
Professor M Brewer	Department for Work and Pensions (DWP)	£125,985	Lone Parent Obligations Impact Assessment	8 months
Professor D Voas	Church Commissioners for England	£124,298	Church Growth Research Project	15 months
Paul Mathews	Economic and Social Research Council	£71,269	Family, Friends and Fertility: Context Effects on Childbearing Intentions in the UK	1 year
Holly Sutherland	Applica Sprl	£95,084	European Observatory on the Social Situation - Network on Income Distribution and Living Conditions (NetSILC2)	2 years
Professor M Brewer, Dr A Skew	Nuffield Foundation	£42,240	Partnership Dissolution and Formation: How Do They Affect Income, Employment and Well-Being?	1 year
Professor M Brewer, Professor H Sutherland	Low Pay Commission	£28,307	The Interaction between the Minimum Wage, Tax and Universal Credit	7 months
Professor H Sutherland, Dr M Iacovou	CEPS-INSTEAD	£27,650	Second Network for Analysis of EU-SILC	4 years
Dr A Salvatori, Dr M Bryan, Dr M Taylor	Low Pay Commission	£25,733	An Analysis of the Impact of the National Minimum Wage on Earnings, Employment and Hours through the Recession	8 months
Dr J Burton, Dr S Uhrig	Economic and Social Research Council	£25,254	UK-Australia Network Promoting Longitudinal Survey Methods and Analysis	3 years

Professor A Sacker	European Research Council	£24,900	Health Effects of Social Change in Gender, Work and Family	4 years
Dr R Luthra	Spencer Foundation	£23,625	Transmitting Educational Disadvantage? Intergenerational Mobility in Immigrant Families	1 year
Professor P Lynn, Professor H Sutherland, Dr M Iacovou	Eurostat via Devstat	£22,941	Assessment of the Future Design of the EU-SILC Longitudinal Component	4 months
Dr A Jackle	IAB Nuremberg	£22,405	Support of Independent Interviewing	17 months
Dr B Rabe, Dr C Nicoletti	Nuffield Foundation	£11,050	The Effect of School Inputs on Educational Attainments	10 months
Dr M Bryan	ESRC via University of Oxford	£14,598	Flexible Working and Couples Co-ordination of Time Schedules	1 year
Dr M Taylor, Professor S Pudney, Dr A Skew	Unum Ltd	£11,080	Withdrawal from Employment for Health Related Reasons - Qu 3	10 months
Professor H Sutherland	European Commission	£3,988	Social Economic Stabilizers	1 month
Professor N Buck, Dr C Nicoletti, Dr E Del Bono	Department for BIS	£3,740	Understanding Society Social Mobility Indicators	4 months
<b>Total</b>		<b>£3,337,650</b>		

### Language and Linguistics

Award Holder	Funding Body	Amount	Project Title	Duration
Professor L Sadler, Professor R Borsley	AHRC via Surrey	£37,372	From Competing Theories to Fieldwork: the Challenge of an Extreme Agreement System	3 years
Dr N Kula	Hans Rausing: Endangered Languages Documentation Programme	£9,976	A Preliminary Documentation of Siluyana: Comparing Mbowe and Mwenyi	1 year
<b>Total</b>		<b>£47,348</b>		

### Law

Award Holder	Funding Body	Amount	Project Title	Duration
Dr C Marsden, Dr M Koutsias, S Azodolmolky, Dr A Guinchard	European Commission	£193,630	European InterNet Science (EINS)	42 months
Dr N Lubell	Open Society Institute	£126,482	Human Rights and Drug Policy Debate Series	1 year
Professor S Michalowski	British Academy	£9,952	Towards a Conceptualisation of the Economic and Social Dimensions of Transitional Justice	7 months
<b>Total</b>		<b>£330,064</b>		

**Literature, Film, and Theatre Studies**

<b>Award Holder</b>	<b>Funding Body</b>	<b>Amount</b>	<b>Project Title</b>	<b>Duration</b>
Professor M Fumagalli	Leverhulme Trust	£23,408	On the Edge: The Border between Haiti and the Dominican Republic	1 year
Professor P Hulme	JISLAC	£4,000	The Life and Works of W. Adolphe Roberts	1 month
M Fumagalli	JISLAC (Conference Grant)	£2,000	An island Divided and an Island Shared: Haiti and the Dominican Republic	5 months
Total		£29,408		

**Mathematical Sciences**

<b>Award Holder</b>	<b>Funding Body</b>	<b>Amount</b>	<b>Project Title</b>	<b>Duration</b>
Dr E Codling	Biotechnology and Biological Sciences Research Council	£273,588	Assessment of Dairy Cow Welfare through Predictive Modelling of Individual and Social Behaviour	39 months
N Bode	AXA Research Fund	£95,700	Individual Specific Risks in Evacuation - Women and Children First?	2 years
Professor J Jackson, Dr L Marsland, Professor B Lausen	National Institute for Health Research	£44,409	Modified Pilates as an Adjunct to Standard Physiotherapy care for Urinary Incontinence	3 years
Total		£413,697		

**Philosophy and Art History**

<b>Award Holder</b>	<b>Funding Body</b>	<b>Amount</b>	<b>Project Title</b>	<b>Duration</b>
Dr C Kong, Professor W Martin	British Academy	£227,257	Critical Hermeneutics and the Law of Capacity	3 years
Total		£227,257		

**Psychology**

<b>Award Holder</b>	<b>Funding Body</b>	<b>Amount</b>	<b>Project Title</b>	<b>Duration</b>
Professor R Russo, Dr B Anderson	Engineering and Physical Sciences Research Council	£426,189	Digital Agent Networking for Customer Energy Reduction (DANCER)	4 years
Dr T Rakow	Leverhulme Trust	£124,184	Broadening the Applications for Experience-Based Choice	2 years
Dr B Mackintosh, Professor E Fox	Economic and Social Research Council	£78,561	Do Attentional and Interpretive Biases Interact or Work Independently in Vulnerability to Emotional Stress?	11 Months



Dr T Foulsham	British Academy	£8,135	Quantifying Attention and Individual Differences in Film Perception	16 months
Dr R O'Gorman	EOARD via University of St Andrews	£4,400	The Experimental Study of Cultural Transmission: When and Who do People Copy?	2 years
Professor S Orbell	British Psychological Society: Going Green Working Group	£2,000	Promoting Pro-Environmental Behaviour in University Communities: The Case of Transition Universities	6 months
Total		£643,469		

### Sociology

Award Holder	Funding Body	Amount	Project Title	Duration
Professor R Stones	Secretary of State for Health via QMUL	£32,925	Developing Theory and method for Studying Resistance to Big IT Programmes in Healthcare	18 months
Dr N Allum	Wellcome Trust	£32,000	Studentship: Public Perceptions of Biomedical Science: Analysing the Wellcome Trust Monitor Surveys	3 years
Dr B Anderson	Office for National Statistics	£31,983	Studentship: Comparisons of different methods of small areas estimations	3 years
Dr R Ryan-Flood	European Science Foundation (ESF)	£11,900	New Perspectives on Gamete and Embryo Donation: Ethics, Kinship and Citizenship in a Globalised World	10 months
Professor M Roper	British Academy	£9,963	The Generation Between: Growing up in the Aftermath of War, Britain 1918-1939	18 months
Professor R Stones	ESRC via Loughborough	£6,419	Lifestyle Migration in East Asia: A Comparative Study of British and Asian Lifestyle Migrants	2 years
Professor M Harvey	British Academy	£5,000	Social Change and Systems of Drinking Water Provision in Taiwan: An Economic Sociology Perspective	1 year
Total		£130,190		

**UK Data Archive**

<b>Award Holder</b>	<b>Funding Body</b>	<b>Amount</b>	<b>Project Title</b>	<b>Duration</b>
M Woollard	Economic and Social Research Council	£15,306,716	UK Data Service	5 years
L Corti	JISC	£249,992	Essex Research Data Repository	18 months
M Woollard	European Commission	£109,510	DASISH	3 years
H Beedham	European Commission	£58,518	SERSCIDA	30 months
M Woollard	Economic and Social Research Council	£13,711	Census Registration Service - supplement	2 months
		Total	£15,738,447	

**University of Essex****Total** **£25,519,694**