

Research Grants and Contracts Awarded 2010-11

Art History and Theory

| Award Holder | Funding Body | Amount | Project Title | Duration |
|--------------|--------------|--------|---------------|----------|
| | | | | |
| | | | | |
| Total | | £0 | | |

Biological Sciences

| Award Holder | Funding Body | Amount | Project Title | Duration |
|---|--|----------|---|-----------|
| Professor P Mullineaux, Professor G Underwood, Dr T McGenity, Dr U Bechtold, Dr I Chernukhin, Dr A Harrison, Dr T Lawson, Dr A Dumbrell | King Abdulaziz University | £438,702 | Environmental Meta-Genomics and Biotechnology of <i>Rhazya Sticta</i> and its Associated Microbiota | 2 years |
| Dr N Kad | Biotechnology and Biological Sciences Research Council | £393,082 | A real-time single molecule approach to understand how DNA repair proteins locate and remove damage | 3 years |
| Professor Phil Mullineaux, Dr T McGenity, Dr U Bechtold, Dr I Chernukhin | European Commission | £253,691 | ABSTRESS—Improving the resistance of legume crops to combined abiotic and biotic | 5 years |
| Professor C Raines, Dr T Lawson | Biotechnology and Biological Sciences Research Council | £252,329 | Manipulation of Photosynthetic Carbon Metabolism in Wheat to improve Yield | 3 years |
| Dr E Klenova, Dr I Chernukhin | Cancer Research UK | £204,427 | Role of poly(ADP-ribosyl)ation of a Transcriptional factor, CTCF, in Epigenetic Regulation of the P14ARF Gene Breast Cancer Cells | 3 years |
| Professor P Mullineaux, Dr P Laissue | Biotechnology and Biological Sciences Research Council | £178,091 | Development of Plant-Based Hydrogen Peroxide YFP Nanosensors Targeted to Multiple Sub-Cellular Locations | 3 years |
| Professor C Cooper, Professor M Wilson | Biotechnology and Biological Sciences Research Council | £124,152 | Heme Blockers: reducing the Toxicity of Extracellular Hemoglobin | 13 months |
| Dr D Smith | Earthwatch | £104,572 | Coral and Coastal Ecology of the Seychelles | 28 months |
| Professor C Reynolds | Medical Research Council | £78,807 | Development and Application of QM/MM Calculations for Fragment-Based Drug Design | 3 years |
| Dr E Klenova | Colchester Hospitals NHS Trust | £69,956 | Clinical Research Fellowship: Identification and Validation of New Biomarkers of Prostate Cancer | 2 years |

Centre for Environment and Society

| Award Holder | Funding Body | Amount | Project Title | Duration |
|--|---|---------|--|----------|
| Professor J Pretty | Department for Business Innovation and Skills (BIS) | £28,000 | Success Stories in Africa | 1 year |
| Professor J Pretty, Dr J Barton, Ms R Hine | World Conservation Monitoring Centre | £18,000 | UK National Ecosystem Assessment | 3 months |
| Professor J Pretty, Dr J Barton, Ms R Hine | Essex County Council | £15,000 | Research Evaluation of Community Allotment projects | 5 months |
| Professor J Pretty, Ms Z Bharucha | Department for Business Innovation and Skills | £8,100 | Study with African Union - Sustainable Intensification | 6 months |
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| Total | | £69,100 | | |

Centre for Interdisciplinary Studies in the Humanities

| Award Holder | Funding Body | Amount | Project Title | Duration |
|---------------------|-----------------|--------|--|----------|
| Dr C Leonardi-Brown | British Academy | £5,970 | Reindeer Games and Racing Reindeer - Culture, History and New Challenges | 1 year |
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| Total | | £5,970 | | |

Centre for Theoretical Studies

| Award Holder | Funding Body | Amount | Project Title | Duration |
|--------------|--------------------------------------|---------|--|-----------|
| Dr D Howarth | Economic and Social Research Council | £15,117 | The Prospects for Sustainable Aviation in the UK | 14 months |
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| Total | | £15,117 | | |

Computer Science and Electronic Engineering

| Award Holder | Funding Body | Amount | Project Title | Duration |
|---|--|----------|--|-----------|
| Professor Simeonidou, Dr Nejabati | European Commission | £493,140 | Open Flow in Europe: Linking Infrastructures and Applications | 3 years |
| Professor Mirshekar | Engineering and Physical Sciences Research Council | £453,939 | Liquid Crystal Based Beam Steerable Planar Antennas for 60 GHz Wireless Networks | 3 years |
| Professor D Simeonidou, Professor I Henning | EPSRC via Southampton | £432,353 | Transforming the Internet Infrastructure: The Photonic Hyperhighway | 2 years |
| Professor K McDonald-Maier, Professor H Hu | INTERREG 1VA | £288,720 | 2 Seas Programme | 37 months |

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|--|--|------------|--|-----------|
| Dr K Guild, Dr K Yang | European Commission | £282,117 | Publish Subscribe Internet Technology (PURSUIT) | 30 months |
| Professor Simeonidou, Dr Nejabati | European Commission | £272,379 | Future Internet Testbeds/Experimentation between Brazil and Europe (FIBRE) | 30 months |
| Professor M Adams | European Commission | £191,377 | Nanostructure Injected Lasers for Ultra-High Frequency Applications (NINFA) | 3 years |
| Professor Simeonidou, Dr Nejabati, Dr K Yang | European Commission | £188,339 | MANTYCHORE: IP Networks as a Service | 30 months |
| Professor H Hagrais, Professor E Tsang | Technology Strategy Board/Sanctuary Personnel Ltd | £188,875 | KTP: To Develop Embedded Systems for Intelligent Process Control | 3 years |
| Dr D Gu, Professor H Hu | Technology Strategy Board/Triton Electronics | £186,211 | KTP: To Develop a Vision System | 3 years |
| Professor Simeonidou, Dr Nejabati, Dr M Reed | European Commission | £174,945 | Visionair | 4 years |
| Professor D Simeonidou, Professor I Henning | Engineering and Physical Sciences Research Council | £152,497 | UK Photonics System Outreach Network (UNISON) | 3 years |
| Professor K McDonald-Maier | Engineering and Physical Sciences Research Council | £100,748 | Adaptive Development Support for Future Systems-on-Chip (ADS-SoC) | 1 year |
| Dr K Yang | Marie Curie - International Research Staff Exchange Scheme | £65,604 | End to End Virtual Resource Management across Heterogeneous | 3 years |
| Professor E Tsang | British Telecom | £62,500 | Backhaul Network Optimisation | 1 year |
| Professor H Hagrais | British Telecom | £26,660 | Studentship: Optimised Production Planning Model | 1 year |
| Professor E Tsang | British Telecom | £39,500 | Forecasting Demand for Fibre-based Networks | 6 months |
| Dr M Reed, Professor D Simeonidou | British Council | £17,291 | PM12 Connection between Northwestern and University of Essex | 1 year |
| Professor D Simeonidou | JNT Association (JANET UK) | £12,000 | Prototyping and Demonstrating how High Bandwidth Communications Infrastructures can Facilitate Collaborative Working | 7 months |
| Professor S Walker | TSB via Disect Systems Ltd | £7,313 | Imaging by Microwave Phase and Amplitude Contracts - IMPACT | 3 months |
| Total | | £3,636,507 | | |

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|-------------------|---------------------|----------|---|-----------|
| Professor I Budge | Nuffield Foundation | £11,450 | Providing Confidence Intervals for Estimated Party Positions in 25 post-war democracies | 11 months |
| Dr M Popescu | British Academy | £7,383 | Political and Media Systems in Europe | 15 months |
| Total | | £305,711 | | |

Health and Human Sciences

| Award Holder | Funding Body | Amount | Project Title | Duration |
|-------------------|------------------------------------|---------|--|----------|
| Professor G Green | Essex Drug and Alcohol Action Team | £51,360 | Integrated Case and Care Management | 3 years |
| Dr D Pevalin | British Academy | £5,411 | Extending the use of Former Measures of Social Class beyond 2011 | 9 months |
| Total | | £56,771 | | |

History

| Award Holder | Funding Body | Amount | Project Title | Duration |
|--------------------|------------------|----------|--|----------|
| Professor J Walter | Leverhulme Trust | £100,822 | Covenanting Citizens? The Protestation Oath and the English Revolution | 2 years |
| Total | | £100,822 | | |

Human Rights Centre

| Award Holder | Funding Body | Amount | Project Title | Duration |
|------------------|--|---------|--|-----------|
| Professor P Hunt | Gesellschaft für Internationale Zusammenarbeit (GIZ) | £57,158 | Sector Project: Population Dynamics, Sexual and Reproductive Health Rights | 14 months |
| Total | | £57,158 | | |

Institute for Democracy and Conflict Resolution

| Award Holder | Funding Body | Amount | Project Title | Duration |
|---------------------|--------------------------------------|---------|--------------------|----------|
| Professor T Landman | Economic and Social Research Council | £99,944 | Human Rights Atlas | 1 year |
| Total | | £99,944 | | |

Language and Linguistics

| Award Holder | Funding Body | Amount | Project Title | Duration |
|---------------------|---|---------|---|----------|
| Professor P Patrick | Economic and Social Research Council | £18,300 | Language Analysis of Asylum Applicants: Foundations, Guidelines and Best Practice | 2 years |
| Dr H Emery | British Council | £12,379 | Global survey of EYL teachers qualifications, experience and career structure | 1 year |
| Dr N Kula | The Endangered Languages Documentation Programme (ELDP) | £9,976 | A preliminary documentation of Siluyana: comparing Mbowe and Mwenyi | 1 year |
| Dr A Spencer | British Academy | £7,100 | Possession, "Genitive" Case Marking and Morphology | 3 months |
| Dr N Kula | British Academy | £6,305 | Tonal Change in the Evolution of a Tense System | 1 year |
| Professor N Harwood | University of Toronto | £6,028 | Citation and Source Use at University | 1 year |
| Total | | £60,088 | | |

Law

| Award Holder | Funding Body | Amount | Project Title | Duration |
|--------------------|--------------------------------------|----------|--|-----------|
| Professor M Sunkin | Nuffield Foundation | £223,401 | The Effect and Value of Judicial Review in England and Wales | 27 months |
| Dr E Palmer | Economic and Social Research Council | £15,255 | Access to Justice in an Age of Austerity | 2 years |
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| Total | | £238,656 | | |

Literature, Film, and Theatre Studies

| Award Holder | Funding Body | Amount | Project Title | Duration |
|--------------|-----------------|--------|--|----------|
| Dr E Kuti | British Academy | £7,499 | Imagining the Nation from the Eastern Fringe: the Norwich Company of Comedians 1811-1845 | 1 year |
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| Total | | £7,499 | | |

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|----------------|----------------------------------|----------|---|-----------|
| Dr P Fussey | EPSRC via Southampton University | £159,545 | IDEAS Factory - Resilient Futures | 3 years |
| Dr P Fussey | EPSRC via Swansea University | £42,025 | IDEAS Factory - Detecting Terrorist Activities: Shades of Gray | 16 months |
| Dr B Anderson | British Telecommunications | £29,634 | Emerging Segmentation Modelling Using Social Network Structures | 8 months |
| Dr L Pettinger | British Academy | £3,470 | Green Work | 14 months |
| Dr M Kikutani | The Royal Society | £2,900 | What does categorical perception of facial expression reveal about cultural difference in emotion between speakers of English and Japanese? | 2 weeks |
| Total | | £490,618 | | |

Theoretical Studies (Centre for)

| Award Holder | Funding Body | Amount | Project Title | Duration |
|--------------|---|----------|---|----------|
| Dr A Norval | Engineering and Physical Sciences Research Council (via Loughborough) | £251,097 | IMPRINTS: Identity Management: Public Responses to Identity Technologies and Services | 3 years |
| Total | | £251,097 | | |

UK Data Archive

| Award Holder | Funding Body | Amount | Project Title | Duration |
|-------------------------------|--------------------------------------|----------|--|----------|
| Dr M Woollard | European Commission | £262,491 | Data without Boundaries (DwB) | 4 years |
| Dr M Woollard | Economic and Social Research Council | £202,759 | Census Registration Service 2011-2012 | 2 years |
| Dr V Van Den Eynden, M Wright | JISC | £84,279 | Unlocking the Geospatial Potential of Survey Data at the UK Data Archive | 9 months |
| Dr M Woollard | European Commission | £68,358 | European Framework for audit & certification of trusted repositories (APARSEN) | 3 years |
| Dr D Hall, J Shepherdson | JISC | £32,457 | Identity Management Pilot Programme | 7 months |
| M Wright, R Welpton | ESRC via Warwick | £6,615 | Datalab Scoping Study | 2 months |
| Dr M Woollard | JISC | £2,180 | KRDS Digital Preservation Benefit Analysis Tool | 6 months |
| Total | | £659,139 | | |

University of Essex

Total **£11,714,267**