



RESEARCH PROJECT GRANTS

Sciences

Dr Patti Adank

University College London

The role of speech motor resonances in spoken language processing

£150,989

Dr James Adelman

University of Warwick

The easyNet system for implementing and visualising cognitive models

£253,912

Dr Mete Atature

University of Cambridge

Revealing magnetic phenomena at oxide interfaces via diamond-based nano-MRI

£249,792

Dr Jennifer Barclay

University of East Anglia

Timing is everything: anticipating future eruptive activity on Ascension Island

£242,932

Dr Benedetta Bassetti

University of York

Effects of orthography on phonology in second language speakers of English: pronunciation, phonological awareness, speech perception and spelling

£181,486

Dr Ian Bastow

Imperial College London

The building of North America: evidence from seismology

£126,349

Dr Marco Beato

University College London

The tuning of motor circuits by recurrent excitation and inhibition

£196,355

Professor Kai Bongs

University of Birmingham

Understanding and exploiting quantum processes in nature

£249,910

Dr Martin Booth

University of Oxford

Three-dimensional photonic engineering of diamond using adaptive optics

£237,648

Dr Melanie Britton

University of Birmingham

Magnetic resonance imaging of aluminium and zinc electroplating in ionic liquids

£149,951

Dr Mark Brosnan

University of Bath

Computer-delivered social stories to reduce challenging behaviour in ASD

£210,761

Professor Manfred Buck

University of St Andrews

Supramolecular self-assemblies as nanotemplates for electrodeposition

£104,436

Professor Larry Bull

University of the West of England

Embodied evolutionary computing design: vertical axis wind turbine case study

£92,420

Professor Stephen Busby

University of Birmingham

New roles for old transcription factors

£124,368

Professor Roger K Butlin

University of Sheffield

The role of natural selection in divergence between aphid host races

£129,902

Dr Cristian Capelli

University of Oxford

The genetic landscape of southern Africa human populations

£177,880

Dr Paola Carbone

University of Manchester

Effect of responsive copolymers on the structure of phospholipid bilayers

£150,482

Dr Donatella Cassettari

University of St Andrews

Advanced atom traps for precise rotation sensing

£249,791

Dr David Cassidy

University College London

Gravitational free fall experiments with positronium

£147,622

Dr Adrian Chaplin

University of Warwick

Transition metal-based [2]rotaxanes for the investigation of alkane activation

£160,874

Professor Deborah Charlesworth

University of Edinburgh

Evolution of suppressed recombination between the X and Y chromosomes of a plant

£106,696

Dr Victor Chechik

University of York

Chemistry at cold plasma—liquid interfaces

£153,237

Professor David Clary

University of Oxford

Calculation of rates of chemical reactions

£131,003

Professor Hilary Downes

Birkbeck, University of London

Forming the Earth and other rocky planets

£169,716

Professor John Gerard Doyle

Armagh Observatory

The contribution of jets and sporadic events to the coronal heating puzzle

£249,678

Dr Ingrid Dreveny

University of Nottingham

Molecular basis of ciliary trafficking: lessons from Bardet Biedl proteins

£150,721

Dr Denis Drieghe

University of Southampton

Phonological processing during Arabic reading

£155,779

Dr Dorothy Duffy

University College London

Modifying semiconductors by exciting electrons

£158,285

Professor Maurice Elphick

Queen Mary, University of London

Neuropeptide 'cocktails': is there a message in the mix?

£119,640

Dr David Fermin*University of Bristol*

Novel dehydrogenase-based architectures for electrocatalytic conversion of liquid fuels
£141,512

Professor Vincent Fusco*Queen's University Belfast*

Near field subwavelength resolution imaging in lossy inhomogeneous media
£173,435

Dr Elizabeth Gibson*University of Nottingham*

Dye-sensitised NiO photocathodes for solar fuel generation
£95,779

Dr Richard Goodey*City University London*

Interaction between new and existing buried infrastructure
£155,950

Dr Anjali Goswami*University College London*

Walking the cat back: evolutionary mechanics and modularity of felid locomotion
£219,910

Dr David Grainger*University of Birmingham*

How do cells protect their genes from pervasive transcription?
£141,388

Professor Murray Grant*University of Exeter*

Re-engineering plant defenses to nullify phytopathogen virulence strategies
£200,129

Professor Claire Grierson*University of Bristol*

How plant roots cohere with soil
£251,769

Dr Ramon Grima*University of Edinburgh*

Pushing the frontiers of stochastic modelling in biology: intrinsic noise in non-dilute conditions
£124,461

Dr Paul Harris*University of Brighton*

A mathematical model of the formation and growth of cavities in the spinal cord
£101,947

Professor Elisabeth Hill*Goldsmiths, University of London*

The role of motor abilities in the development of typical and atypical social behaviour
£216,005

Dr Richard Holland*Queen's University Belfast*

The mystery of bird migration: testing hypotheses of true navigation
£159,214

Dr Zhaorong Huang*Cranfield University*

Self-powered electrochemical promotion of catalysis
£213,370

Professor John Hutchinson*Royal Veterinary College, University of London*

The evolutionary biomechanics of sesamoid bones in vertebrate limbs: a synthesis
£284,288

Professor Alan Johnston*University College London*

Temporal characteristics of gaze perception
£244,098

Dr Rufus Johnstone*University of Cambridge*

Adaptive modelling of human infant growth
£144,340

Professor Gareth Jones*University of Bristol*

Ecosystem services, bats and biodiversity: an evidence-based approach in Malawi
£201,136

Dr Mark W Jones*Swansea University*

Advanced visualisation techniques for urban modelling/simulation
£89,523

Dr Yuri Kalnishkan*Royal Holloway, University of London*

Online self-tuning learning algorithms for handling historical information
£133,964

Dr Aris Karastergiou*University of Oxford*

Real time discovery on next generation telescopes with graphics processing units
£230,685

Dr Barbara Kasprzyk-Hordern*University of Bath*

Wastewater profiling for community-wide human exposure assessment from environmental endocrine-disrupting chemicals in personal care and consumer products
£226,866

Dr Vitaliy Khutoryanskiy*University of Reading*

Developing *in vitro* approaches for testing mucoadhesive drug delivery systems
£160,851

Dr Dmitry Krizhanovskii*University of Sheffield*

Soliton phenomena in strongly light-matter coupled microcavities and waveguides: fundamentals and applications
£162,644

Dr Leonid Kulakov*Queen's University Belfast*

A phage metagenomics approach to forecast the evolution of microbial communities
£84,070

Dr Pedro Lacerda*Queen's University Belfast*

A laboratory and telescopic study of the colours of icy solar system objects
£153,609

Professor James Ladyman*University of Bristol*

Applying homotopy type theory in logic, metaphysics and philosophy of physics
£177,093

Dr Robert Leech*Imperial College London*

Vocal learning and the importance of noise
£175,806

Professor Tim Lenton*University of Exeter*

Controls on ocean redox structure and atmospheric oxygen during the Proterozoic
£224,415

Professor Philip Lightfoot*University of St Andrews*

New chemical paradigms in the search for quantum spin liquids
£164,036

Professor Adrian Lister*Natural History Museum*

Evolutionary patterns in deer on Mediterranean islands
£180,110

Dr Virpi Lummaa*University of Sheffield*

Causes and consequences of parasite infection in Myanmar timber elephants
£290,467

Professor Stefan Maier*Imperial College London*

Nano-particle assisted super-resolution microscopy for live cell imaging
£124,143

Dr Ilya Mandel*University of Birmingham*

Testing general relativity with ground-based gravitational-wave observations
£162,185

Dr Louise Martin*University College London*

Prehistoric hunting strategies in Jordan:
reconstructing prey behaviour and ecology
£252,262

Dr Karen McComb*University of Sussex*

Emotional awareness as a basis for social
success in a non-human: the domestic horse
£285,389

Professor Francis McGlone*Liverpool John Moores University*

Investigation of the role of 5-HT in
psychological responses to affective touch
£235,639

Professor Paul McGraw*University of Nottingham*

The effect of abnormal visual experience early
in life on cortical representation
£238,184

Mr Anthony Miller*Royal Botanic Garden Edinburgh*

Conserving the flora of the Socotra
Archipelago: integrating evolution into
conservation
£237,426

Dr Russell Minns*University of Southampton*

High harmonic spectroscopy as a tool for the
study of photochemical reactivity
£210,002

Dr Wesley Moran*University of Huddersfield*

Iodonium salts: new varieties and novel
reactions
£104,664

Professor Philip Mountford*University of Oxford*

Synthesis and reactions of novel alkaline earth
and rare earth metal-metal bonds
£179,354

Dr Darren Obbard*University of Edinburgh*

The phylogenetic origins of antiviral RNAi in
animals
£110,307

Dr Cock van Oosterhout*University of East Anglia*

Testing a paradigm-shifting new theory of
MHC evolution
£224,114

Dr Anastasia Papavasiliou*University of Warwick*

Statistical inference of complex systems
through rough paths
£197,766

Dr Karen Polizzi*Imperial College London*

How does yeast *Golgi* organisation contribute
to protein glycosylation?
£108,160

Professor Robert Poole*University of Sheffield*

Carbon monoxide (CO) and CO-releasing
molecules (CO-RMs) as adjuvants to
antibiotics?
£224,515

Dr Emmanuel Pothos*City University London*

Quantum similarity: harnessing the flexibility
of human similarity judgments
£98,962

Dr Matthew Powner*University College London*

Phosphoro-Strecker reaction: amino acid
synthesis and phosphoryl activation
£189,794

Professor Alexander Premet*University of Manchester*

Finite W-algebras: quantization and the
Gelfand-Kirillov conjecture
£147,507

Professor David Procter*University of Manchester*

Asymmetric reductive desymmetrisation of
feedstocks by electron transfer
£149,616

Professor Kathleen Rastle*Royal Holloway, University of London*

Moving beyond the monosyllable in models of
skilled reading
£161,537

Professor Katharine Reid*University of Nottingham*

Time-resolved measurements in the molecular
frame
£154,132

Dr Luke Rendell*University of St Andrews*

Developing a data-driven multi-agent model
for studying humpback whale song
£119,556

Dr James Russell*University of Cambridge*

The development of episodic foresight in
young children: spatiotemporal binding.
£91,398

Professor David Saad*Aston University*

Islands of equilibrium in a non-equilibrium
world
£155,624

Professor Mark S P Sansom*University of Oxford*

Design of biomimetic nanopores
£171,571

Professor Julie Scholes*University of Sheffield*

Understanding virulence in *Striga*, a major
parasite of African cereal crops
£241,718

Professor Michael Siva-Jothy*University of Sheffield*

Characterising insect haemocyte function *in vivo*
£244,327

Professor Trevor Smart*University College London*

Photo-modulation of native GABA-A
receptors in the brain
£299,217

Dr Marie Smith*Birkbeck, University of London*

Exploration of typical and atypical
development of flexible face-processing
strategies
£112,203

Dr Claire Spottiswoode*University of Cambridge*

The role of phenotypic plasticity in driving a
remarkable adaptive radiation
£183,593

Dr Benjamin W Tatler*University of Dundee*

Learning and representing three-dimensional
environments from multiple two-dimensional
dynamic views
£144,477

Dr Nickolay Trendafilov*Open University*

Sparse factor analysis with application to large
data sets
£173,257

Dr Abigail Tucker*King's College London*

Evolution of mammals: a comparative study of
the developing middle ear
£197,593

Dr James Tucker*University of Birmingham*

Expanding the range and versatility of
ferrocene nucleic acids
£118,436

Dr Lyudmila Turyanska*University of Nottingham*

Colloidal semiconductor nanocrystals with
dual functionality
£150,170

Dr Chris Venditti*University of Reading*

The evolutionary paths to diversity and innovation
£250,202

Dr Richard Walker*University of Oxford*

Climatic, environmental and tectonic influences on prehistoric human development in Iran
£176,559

Professor Michael Ward*University of Sheffield*

Redox-based switching of guest uptake and release in a polyhedral cage host
£100,215

Dr Meesha Warmington*University of York*

Executive control, working memory and literacy skills in bilingual children
£217,890

Dr Chris Wendl*University College London*

Intersections in low-dimensional symplectic field theory
£151,035

Dr Chris West*University of Leeds*

Determining the molecular links between transcription and recombination
£181,241

Dr Andrew Wilson*University of Leeds*

Towards bionic proteins: tertiary structures from non-natural building blocks
£244,987

Professor Stephen Wimperis*University of Glasgow*

Structure and function of immobilised enzymes by solid-state NMR spectroscopy
£160,233

Dr Jonathan Worrall*University of Essex*

Fat(al) attraction of cytochrome c: a new approach to study protein-lipid interactions
£162,175

Dr Wolfgang Wüster*Bangor University*

Going with the flow? The genetic and genomic basis for snake venom evolution
£101,951

Dr Johannes Zimmer*University of Bath*

A novel passage from particles to PDEs far from equilibrium
£192,378

*Social Sciences***Dr Philip Boland***Queen's University Belfast*

From plantation to peace: Derry/Londonderry as the UK's first City of Culture
£197,819

Dr Lynda Boothroyd*Durham University*

Impact of media access and local ecology on beauty ideals in Nicaragua
£249,918

Professor Rupert Brown*University of Sussex*

The indirect experience of hate crime: the victim group response
£247,602

Dr Jenny Byrne*University of Southampton*

A longitudinal study to explore the impact of pre-service teacher health training on early-career teachers' roles as health promoters
£56,630

Dr Mitchell Callan*University of Essex*

Personal relative deprivation and status consumption
£129,479

Dr Giacinta Cestone*City University London*

Internal labour and capital markets in French business groups
£130,070

Professor David Simon Cowan*University of Bristol*

Shared ownership: crisis moments
£71,686

Dr Jadunandan Dash*University of Southampton*

Assessing current and future tropical cyclone vulnerability in east India
£87,626

Dr Ruth Evans*University of Reading*

Death in the family in urban Senegal: bereavement, care and family relations
£135,532

Professor Martin Everett*University of Manchester*

Collecting and analysing secondary covert social network data
£247,940

Mr John Forth*National Institute of Economic and Social Research*

Workplace employment relations: an Anglo-French study
£218,649

Professor Barry Godfrey*University of Liverpool*

After care: youth justice and its long term impacts 1850–1945
£85,506

Dr Rachel Harris*SOAS, University of London*

Sounding Islam in China: a multi-sited ethnographic study
£304,601

Dr Jennifer vanHeerde-Hudson*University College London*

The changing socio-economic profile of PPCs and MPs in Britain 1945–2015
£98,271

Professor Carolyn Hoyle*University of Oxford*

Last resorts: decisions and discretion at the Criminal Cases Review Commission
£110,338

Professor Deborah James*London School of Economics and Political Science*

Creative interventions: innovation in public legal services after Legal Aid
£122,387

Dr Danny McGowan*Bangor University*

Demand shocks and productivity: evidence from a natural experiment
£30,294

Professor Michael Moore*University of Warwick*

The finance microstructure approach to the economics of exchange rates
£198,554

Professor Linda Mulcahy*London School of Economics and Political Science*

Design and due process: facilitating participation in the justice system
£132,726

Dr Fiona Nunan*University of Birmingham*

Networking for fisheries co-management on Lake Victoria, East Africa
£129,556

Dr Theodoros Papaioannou*Open University*

Unpacking the role of industry associations in diffusion and governance of health innovations in developing countries
£142,196

Dr Martyn Pickersgill*University of Edinburgh*

Neuroscience and family life: the brain in policy and everyday practice
£106,031

Professor Brian Rappert*University of Exeter*

Beyond the digital divide: sharing research data across developing and developed countries
£123,228

Professor Chris Reed*University of Dundee*

Dialogue-based exploration of argument and mediation space
£188,834

Dr Chris Stiff*University of Keele*

Campus citizen behaviours: predicting students' pro-social behaviours
£71,291

Dr Harriet Tenenbaum*University of Surrey*

Children's reasoning about peer rejection based on status
£171,625

Dr Leon Watts*University of Bath*

Investing care and appreciating effort in the use of personal communication technology
£135,401

Dr Netta Weinstein*University of Essex*

Motivational prosody: a new approach to understanding motivational communication
£189,478

Professor Dirk van Zyl Smit*University of Nottingham*

Life imprisonment worldwide: principles and practice
£222,785

*Humanities***Dr Nick Ashton***British Museum*

Mapping Palaeolithic Britain: place, space and time
£159,347

Professor Graeme Barker*University of Cambridge*

How resilient were Neanderthals and modern humans in southwest Asia to climate change? Reinvestigating Shanidar Cave
£470,805

Dr Silvia M Bello*Natural History Museum*

Cutmark micro-morphometrics and the stage of carcass decay: a pilot study using three-dimensional microscopy
£89,389

Dr Paul Botley*University of Warwick*

Isaac Casaubon in England (1610–1614): a critical edition of his correspondence
£184,040

Dr Andrew Burnett*British Museum*

Coinage, policy and civic life in the Roman imperial provinces at the end of the Severan Age AD 218–244
£157,113

Professor Andrew Chamberlain*University of Manchester*

An investigation of ancient animal mummies using diagnostic radiographic imaging
£246,725

Professor Guy Cook*King's College London*

People, products, pests and pets: the discursive representation of animals
£249,951

Professor Nicholas Cronk*University of Oxford*

Constructing contemporary history in the Enlightenment: Voltaire historian
£115,530

Professor James Crow*University of Edinburgh*

Engineering the Byzantine water supply: procurement, construction and operation
£250,795

Dr S William G Davies*University of Southampton*

Palaeolithic origins of ceramic technology: innovative and creative revolutions
£136,663

Professor Mark Edmonds*University of York*

Working stone, making communities: technology and identity in prehistoric Orkney
£243,207

Professor Clive Gamble*University of Southampton*

Seasonality, mobility and storage in Palaeolithic hunting societies
£163,228

Professor Elizabeth Graham*University College London*

The role of past human activity in structuring modern landscapes and soils
£210,554

Professor Colin Haselgrove*University of Leicester*

(Re)dating Danebury hillfort and later prehistoric settlements in the environs: a Bayesian approach
£242,743

Dr Jules Holroyd*University of Nottingham*

Bias and blame: do moral interactions modulate the expression of implicit bias?
£220,608

Professor Ronald E Hutton*University of Bristol*

The figure of the witch: the European witch-hunt in full cultural context
£220,799

Professor Richard P Ingham*Birmingham City University*

A bilingual thesaurus
£108,329

Professor Adrian Johnstone*Royal Holloway, University of London*

Notions and notation: Babbage's language of thought
£222,540

Professor Geoffrey Khan*University of Cambridge*

Untapped manuscripts and reading traditions for a new Biblical Hebrew grammar
£136,175

Dr Marion Löffler*University of Wales*

Knowledge transfer and social networks: European learning and the revolution in Welsh Victorian scholarship
£85,302

Dr William Lyons*University of Bristol*

Scripture, dissent and Deaf space: St Saviour's, Oxford Street
£244,911

Dr Stephen Parker*University of Worcester*

Faith on the air: a religious educational broadcasting history c.1920 to present
£219,050

Professor Anne Marie Rafferty*King's College London*

From microbes to matrons: infection control in British hospitals 1870–1970
£223,827

Professor Lord Colin Renfrew*University of Cambridge*

Icon and centre in the Cycladic early bronze age: the implications of Keros
£148,329

Professor Stephen Rippon*University of Exeter*

Planning in the early Medieval landscape: technology, society and settlement
£98,381

Dr Leigh Shaw-Taylor*University of Cambridge*

Transport, urbanisation and economic development in England c.1670–1911
£278,418

Professor Florian Urban*Glasgow School of Art*

The New Tenement
£179,389

Mr David Whitley*University of Cambridge*

In living memory: the place and uses of learning poetry

£135,677

Dr Abigail Williams*University of Oxford*

A new history of reading and authorship in the eighteenth century

£206,386

Professor Matthew Worley*University of Reading*

Punk, politics and British youth culture 1975–85

£110,569

INTERNATIONAL NETWORK GRANTS*Sciences***Dr Alex Clark***University of Leicester*

The topological spectrum of general point patterns

£98,449

Professor P A Davidson*University of Cambridge*

Waves and turbulence in rotating, stratified and electrically conducting fluids

£88,018

Dr Simon Goodwin*University of Sheffield*

A UK–Thai programme of observational and theoretical research into binary stars

£64,500

Dr Alistair Jump*University of Stirling*

Assessing ecosystem recovery after extreme drought-related dieback events worldwide

£126,527

Dr Stefan Krause*University of Birmingham*

Where rivers, groundwater and disciplines meet: a hyporheic research network

£108,574

Professor Pat Monaghan*University of Glasgow*

Interdisciplinary network on telomere biology

£98,000

Dr Jason W A Robinson*University of Cambridge*

A spectroscopic study of spin-polarised superconductor proximity effects

£124,770

Dr Robert Ryan*University of Dundee*

Understanding bacterial cell–cell signalling as a route to control disease of rice

£97,000

*Social Sciences***Dr Ben Anderson***Durham University*

Governing emergencies

£76,910

Dr Mary Bosworth*University of Oxford*

The Leverhulme International Network on External Border Control

£123,210

Dr Paolo Dardanelli*University of Kent*

Why centralisation and decentralisation in federations? A comparative analysis

£97,079

Professor Katrin Flikschuh*London School of Economics and Political Science*

Domesticating global justice: global normative theorising in African contexts

£103,264

Dr Frederic Malherbe*London Business School*

The international aspects of banking crises: theory and implication for banking regulation

£124,696

Dr Wilfried Swenden*University of Edinburgh*

Continuity and change in Indian federalism

£112,803

*Humanities***Professor Elleke Boehmer***University of Oxford*

Planned violence: post/colonial urban infrastructures and literature

£26,289

Dr Alison Brown*University of Aberdeen*

Blackfoot collections in UK museums: reviving relationships through artefacts

£50,731

Dr Daniel Grimley*University of Oxford*

Hearing landscape critically: music, place and the spaces of sound

£118,154

Dr Alfred Hiatt*Queen Mary, University of London*

Cartography between Europe and the Islamic world 1100–1600

£44,567

Professor David Moon*University of York*

Exploring Russia's environmental history and natural resources

£123,005

Dr Laura Moretti*University of St Andrews*

Daniele Barbaro (1514–70): in and beyond the text

£75,459

Professor Andrew Nevins*University College London*

Coordinated research in the experimental morphosyntax of South Slavic languages

£122,765

Professor Nicholas Thomas*University of Cambridge*

Multiple modernisms: twentieth-century artistic modernisms in global perspective

£120,143

MAJOR RESEARCH FELLOWSHIPS*Social Sciences***Professor Gillian Douglas***Cardiff University*

What's love got to do with it? Obligation and commitment in family law

£86,019

Professor Nicola Anne Miller*University College London*

Public knowledge and nation-building in Latin America

£152,377

*Humanities***Dr James Harold Barrett***University of Cambridge*

Northern journeys: reimagining the medieval revolution and its aftermath

£160,061

Professor Rachel Beckles Willson*Royal Holloway, University of London*

Reorientations and a musical instrument in migration

£166,362

Professor Giovanni Capoccia*University of Oxford*

Reshaping democracy after authoritarianism: responses to neo-fascism in Europe

£162,154

Professor Sarah Coakley*University of Cambridge*

Knowing darkly: systematic theology on the problem of sin and redemption

£157,954

Professor Samuel Cohn Jr*University of Glasgow*

Epidemics: waves of disease, waves of hate, from the plague of Athens to AIDS

£135,331

Professor Alex Danchev*University of St Andrews*

Magritte: a life

£154,188

Professor Nigel Fabb*University of Strathclyde*

Epiphanies in literature: a psychological and literary linguistic account

£142,777

Professor Matthew Fox*University of Glasgow*

Roman materialism

£131,852

Professor Simon Franklin*University of Cambridge*

Information technologies in Russia: a social and cultural history c.1450–1850

£102,878

Professor Miranda Fricker*University of Sheffield*

Blame and forgiveness: negotiating shared moral understanding

£99,204

Professor Maggie B Gale*University of Manchester*

A social history of British performance cultures 1900–1939: law, surveillance and the body

£146,800

Dr Emily Gowers*University of Cambridge*

Maecenas: transformations of an Augustan patron

£100,840

Professor Katherine Hawley*University of St Andrews*

The importance of being competent: ethics and epistemology

£94,445

Professor Ben Highmore*University of Sussex*

Habitat and the making of taste 1964–2011

£137,637

Professor Lorna Hutson*University of St Andrews*

Shakespeare's Scotland 1503–1616

£126,476

Professor Alvin Jackson*University of Edinburgh*

The Union: a new political history

£141,563

Professor Julian Johnson*Royal Holloway, University of London*

Music, voice and language in French musical thought

£104,257

Dr Ted Kaizer*Durham University*

The religious life of Dura-Europos

£120,911

Dr Karen Lang*University of Warwick*

Philip Guston and the allegory of painting

£160,359

Professor Daniel Maudlin*University of Plymouth*

Different places, same spaces: the inn and the traveller in the Atlantic world

£128,526

Professor Catherine Maxwell*Queen Mary, University of London*

Scents and sensibility: perfume in Victorian literary culture

£105,812

Dr James McDougall*University of Oxford*

Fragments of empire: lives and afterlives of colonialism in France and Africa

£156,461

Dr Deborah Oxley*University of Oxford*

Weighty matters: anthropometrics, gender and health inequality in Britain's past

£157,537

Professor Kevin Passmore*Cardiff University*

The Maginot Line in history, culture and memory

£130,538

Professor Tobias Reinhardt*University of Oxford*A commentary and a critical edition of Cicero's *Academica*

£158,447

Dr Susan J Stabler*University of St Andrews*A completely new edition of Byron's *Don Juan*

£133,075

Professor Victor Tadros*University of Warwick*

To do, to die, to reason why: the ethical lives of combatants

£152,274

Professor Miles Taylor*University of York*

The sovereign people: parliament and representation in Britain since 1760

£93,181

Professor Heather Widdows*University of Birmingham*

Perfect me!

£94,224

EARLY CAREER FELLOWSHIPS

Early Career Fellowships provide fifty per cent of the salary costs of a three-year research position, up to £23,000 a year, with the host university providing the balance. Research expenses of £6,000 a year are also available.

*Sciences***Dr Christos Anastopoulos***University of Sheffield*

Understanding the nature of electroweak symmetry breaking (EWSB)

Dr Eline van Asperen*Liverpool John Moores University*

Establishing fungal spores as a proxy for herbivore impacts on 'natural' forests

Dr Nicolas Barry*University of Warwick*

The design, chemistry and applications of carborane-containing nanoparticles

Dr Albert Bartók-Pártay*University of Cambridge*

High-throughput materials modelling from first principles

Dr Ulrike Bauer*University of Bristol*

Plants in full armour: mechanical defence at the plant surface

Dr Alex Best*University of Sheffield*

Co-evolutionary cycles in host–parasite interactions

Dr Luke Boulter*University of Edinburgh*

The migration of progenitor cells through solid organs and cancers

Dr Alexander Buell*University of Cambridge*

Divide and study: molecular scale understanding of protein aggregation

Dr Eric Dykeman*University of York*

Physical virology: a novel approach to virus assembly and evolution

Dr Stefanie Frank*University of Kent*

Engineering bacterial microcompartments for recombinant protein production

Dr Martin Gradhand*University of Bristol*

Spin-dependent transport in superconductors

Dr Mark Greenaway*University of Nottingham*

Using two-dimensional crystal stacks to transform high-frequency electronics and atom chips

Dr Suzanne Imber*University of Leicester*

Rough winds do shake the magnetosphere of Mercury

Dr Roeland de Kat*University of Southampton*

Feathers on the wing: understanding aeromechanic performance of feathered wings

Dr Tonya Lander*University of Oxford*

Pollination in human-modified landscapes: the pollinator's perspective

Dr Jan Lellmann*University of Cambridge*

Regularisation strategies for global optimality in variational imaging

Dr Lourdes Lopez-Merino*Brunel University*

Posidonia as environmental archive: long-term ecology and conservation views

Dr Alison MacLeod*Royal Holloway, University of London*

Annually-resolved abrupt climate variability across the North Atlantic region

Dr Anna Maltsev*University of Bristol*

Local eigenvalue statistics and universality for random non-hermitian matrices

Dr James McLaughlan*University of Leeds*

Nanobombs for breast cancer diagnosis and therapy

Dr Matthew McLennan*Oxford Brookes University*

Stressed out? Impact of stress and nutrition on the health of 'village' chimpanzees

Dr Stefano Pagliara*University of Cambridge*

Understanding the mechanisms of active membrane transport: a synthetic approach for drug design

Dr Alejandra Pascual-Garrido*University of Oxford*

Mapping chimpanzee artefacts: what can they reveal about hominin evolution?

Dr George Pasparakis*University College London*

Augmenting stem cell therapies with synthetic nanomaterials

Dr Frankie James Rawson*University of Nottingham*

Interfacing cells with electrocatalytic sensors for real-time cell communication

Dr Elisabeth Stephens*University of Reading*

Assessing ensemble flood forecasts at the key spatial and temporal scales

Dr Adam Sweetman*University of Nottingham*

Atomically precise placement of single dopants using mechanochemistry

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Artist in Residence: Ms Raman Mundair
Visual and digital art
£15,000

Professor Adrian Sutton

Department of Physics, Imperial College London
Artist in Residence: Mr Matthew Galpin
Sculpture, installation and performance
£15,000

Dr Alison Williams

School of Geography, Politics and Sociology, Newcastle University
Artist in Residence: Dr Matthew Flintham
Visual art
£14,727

Dr Angie Voela

University of East London
Artist in Residence: Mrs Barbara Loftus
Visual art
£11,493

Dr Jeff Warburton

Durham University
Artist in Residence: Ms Laura Harrington
Filmmaking
£15,000

ARTS SCHOLARSHIPS

Access All Areas
£119,114

Aldeburgh Music
£360,000

Belfast Community Circus School
£68,750

Birmingham Conservatoire
£195,000

Birmingham Repertory Theatre
£136,950

British Youth Opera
£47,250

Central School of Ballet
£136,641

Central School of Speech and Drama
£120,900

Circus Space
£100,000

Drama Centre London
£102,000

Elmhurst School for Dance
£78,583

English National Ballet School
£60,000

European Union Youth Orchestra
£64,104

Ex Cathedra
£47,149

Glasgow School of Art
£207,780

Guildhall School of Music and Drama
£711,000

JMK Trust
£92,400

London Academy of Music and Dramatic Art
£102,756

London Contemporary Dance School
£418,325

London Film School
£148,753

London Sinfonietta
£145,147

London Studio Centre
£240,000

National Children's Orchestra of Great Britain
£165,000

National Film and Television School
£309,090

National Youth Choirs of Great Britain
£128,000

National Youth Choirs of Scotland £100,530	Theatre Royal Bath £103,986
National Youth Orchestra of Great Britain £247,164	Town Hall and Symphony Hall £55,092
Northern School of Contemporary Dance £219,555	Trinity Laban Conservatoire of Music and Dance £517,636
Opera North £67,500	Wigmore Hall £60,225
Phoenix Dance Theatre £18,000	Wysing Arts Centre £42,000
Pro Corda Trust £188,682	Youth Music Theatre: UK £65,400
Purcell School £105,000	
Royal Academy of Arts £189,000	
Royal Academy of Dramatic Art £195,000	
Royal Academy of Music £570,820	
Royal Ballet School £97,933	
Royal College of Art £110,000	
Royal College of Music £331,330	
Royal Conservatoire of Scotland £225,000	
Royal National Theatre £230,190	
Royal Northern College of Music £330,900	
Royal Welsh College of Music and Drama £270,000	
Sadler's Wells £117,284	
Scottish Opera £42,390	
Scottish Youth Dance £41,250	
Siobhan Davies Dance £42,725	
South West Music School £14,100	
Southbank Sinfonia £105,000	