

Leverhulme Trust Grants Awarded in 2000

Trustees' Grants agreed in 2000

	Total allocation (£)	Duration (months)
Research: Applied sciences (including architecture)		
University of Newcastle upon Tyne - <i>Dr I Head</i> Competition, niche adaptation and biogeography in uncultured sulphur bacteria	118,560	36
University of Glasgow - <i>Dr H Morgan</i> Dielectrophoretic investigations of virus particles	99,630	36
University of East Anglia - <i>Professor J-M Vanden-Broeck</i> Numerical studies of free boundary problems	56,508	24
University of Ulster - <i>Dr K R Day</i> Retrospective methods for relating growth losses in trees to insect defoliators	23,377	12
University of Greenwich - <i>Dr Y Yan</i> Wavelet and soft computing based self-validation and fault diagnosis of sensors	57,810	24
University of Birmingham - <i>Dr S Egginton</i> Polar fish as sensitive indicators of global warming	14,770	6
University of Aberdeen - <i>Professor P A Racey</i> Organisation and diversity of a Neotropical bat community through space and time	116,658	36
Research: Basic sciences		
University of Cambridge - <i>Dr M Sprik</i> Characterization of reactivity and electronic activation in ab initio molecular dynamics	54,377	24
University of Bath - <i>Professor R ffrench-Constant</i> The molecular basis of mimicry and melanism in swallowtail butterflies	90,489	36
Scottish Crop Research Institute - <i>Dr M Taliansky</i> Probing biomolecular transport complexes with atomic force microscopy	195,522	36
University of York - <i>Dr A F Parsons</i> A radical approach to medicinally important mitomycins	55,855	24
University of Sheffield - <i>Dr J P A Harrity</i> Development of a novel asymmetric metal-catalysed rearrangement reaction	66,396	24
University of Oxford - <i>Professor D E Logan</i> Development of a local moment approach to strongly correlated electron systems	65,748	36
University of Oxford - <i>Professor J P Simons</i> Conformational and supra-molecular structures in hydrogen-bonded	110,614	28

biomolecules

University College London - Professor L Partridge Induction and analysis of mutations reducing rate of ageing in fruitflies (<i>Drosophila</i>)	202,590	36
Loughborough University - Dr S P Rice Innovative sediment characterisation for river research and management: a pilot study	14,631	6
University of Liverpool - Dr G Macho Hominin teeth – a functional perspective	86,458	36
Imperial College of Science, Technology & Medicine - Professor J Barber A new approach to grow 2D crystals of membrane proteins for electron crystallography	102,244	36
University of Dundee - Professor C Tickle An approach to evolution of the vertebrate body plan via stickleback embryology	99,980	36
University of Glasgow - Professor M J Padgett Quantum entanglement of orbital angular momentum	91,180	18
University of Bristol - Dr H M Mader Geochemical heterogeneity and bacterial microhabitats in glacial ice	61,930	24
Imperial College of Science, Technology & Medicine - Professor A G M Barrett Metathesis of vinyl cyclopropanes: coronanes, helices and density polymers	62,641	24
University of Warwick - Dr D Stott The molecular basis of mesoderm migration in mammalian embryos	25,580	12
Imperial College of Science, Technology & Medicine - Dr A Kucernak Scanning electrochemical microscopy studies of fuel cell catalysts	94,795	36
University of Sussex - Sir Harold Kroto Fabrication of nanodevices based on carbon nanotubes	126,050	24
University of Bristol - Dr J H Hannay New methods in diffraction, with applications in quantum chaos	69,659	36
University of Birmingham - Professor I W M Smith Dependence of rates of elementary reactions on rotational energy of the reagents	55,107	24
University of Edinburgh - Dr M P Gallagher Antigens which protect against <i>Salmonella typhimurium</i> infection	15,000	6
University of Oxford - Professor G Hancock Diode laser applications to aeronomy and reaction dynamics	80,909	36
University of Durham - Professor B Huntley Vegetation and environmental history of Finnmark since the last glaciation	122,866	36
University of Cambridge - Dr M J Bickle Chemical weathering yields from relative input to a Himalayan river system	111,708	36
Natural History Museum - Dr R Thomas	16,155	6

Molecular systematics of <i>Acarus siros</i> .lat., a complex of stored food pests		
University of Cambridge - Professor R N Perham Filamentous bacteriophage infection: interactions of pili and coat proteins	58,822	24
University of East Anglia - Professor P Brimblecombe The study of oxidative mechanisms in museum artefact degradation	87,035	36
University of Manchester - Dr R E P Winpenny New magnetic materials involving electrochemically active complex ligands	58,631	24
University of Glasgow - Dr J R Kusel Changes in the metabolism of the surfaces of plant nematodes and plant cells during root infection	59,409	24
Oxford Brookes University - Dr T G Shreeve Butterfly wing morphology as a determinant of habitat use and biotope occupancy	27,535	12
University College, London - Professor D A Williams The formation of molecules in star-forming regions of interstellar space	190,330	36
University of Strathclyde - Dr A Cunningham Scattering of natural light by organic and inorganic particles in shelf seas	59,487	30
University of Durham - Dr J D Horton Natural killer cell development in MHC class I-negative <i>Xenopus</i> tadpoles?	29,306	12
University of Manchester - Professor J R Helliwell The molecular mechanism of spectral shifts in carotenoid protein complexes	99,834	18
University of Oxford - Professor J F Dewey Origin, evolution and provenance of the Southern Uplands Terrane, Scotland	134,888	36
University of Manchester - Dr K Tokatlidis How do proteins find their way to mitochondrial membranes?	96,228	36
University of Aberdeen - Dr L R Noble Development and evaluation of molecular paternity markers for an ascidian	32,091	12
University of Bristol - Dr M N Bremer The evolution of structure in the universe using the INT Wide-Area survey	95,525	36
University of Lancaster - Dr J S Gilbert Electrostatic aggregation of volcanic particles	73,489	36
University of Reading - Dr S E Belcher Turbulence, waves, langmuir circulations and plankton in the ocean mixed layer	96,002	36
University of Southampton - Dr R C D Brown Oxidative cyclisation of trienes and synthesis of acetogenins	94,665	36
Loughborough University - Dr M B Smith New terminal coated organophosphorus dendrimers for catalysis	56,952	24
Aston University - Dr T Meese Perception of depth in human vision: combining pictorial depth cues	13,489	6

Cardiff University - Professor P G Edwards Synthesis and coordination chemistry of novel triphosphorus macrocycles	61,930	24
University of Glasgow - Dr D J Procter The pestalotiopsins: biological evaluation via the first total synthesis	56,753	24
University of Bath – Dr D Clarke Analysis of the in vivo role of bioluminescence in <i>Photobacterium luminescens</i>	116,770	36
Natural History Museum, London - Dr J Mallet Evolution of mimicry and speciation in ithomiine butterflies	101,809	36
Birkbeck College, London- Dr A R Milner Early amphibian relationships and the origin of modern amphibian groups	70,250	24
University of Cambridge - Dr A Tunnacliffe Life without water: the molecular biology of anhydrobiosis in nematodes	182,688	36
British Antarctic Survey - Mr D Wynn-Williams Cyanobacteria and UV stress – applications to Antarctica and Mars	106,350	36
Brunel University - Professor K J Gilhooly An empirical approach to the taxonomy of insight problems: a pilot study	14,937	6
University of Wales, Swansea - Dr D McCarroll Tree-ring lignin as an indiscreet measure of climatic change	34,079	12
University of Durham – Dr D Hyde Acclimatisation in <i>Carcinus</i> : photoperiod and thermal interactions	4,049	36
University of Oxford - Dr K Plunkett Language acquisition in young English children	8,000	36
University of Bristol - Dr M A Lambon-Ralph The role of phonological representations in reading and verb morphology	93,115	36
University of Manchester - Dr P A Seldon Mesozoic arachnids: predator-prey diversity in terrestrial ecosystems	92,280	36
University of Nottingham - Dr S Woodward A molecular design approach to making electrons chiral	29,673	12
University of Sheffield - Dr A C Spivey Atropisomeric chiral-DMAP-N-oxides: catalysts for asymmetric synthesis	95,686	36
University of Leeds - Dr P Milner Cloning and analysis of plant cell surface receptors for bioactive peptides	85,620	36
University of Edinburgh - Dr G Cowie In situ studies of benthic processes across the Arabian Sea oxygen minimum zone	96,642	36
University of Edinburgh - Dr L Li Dynamics of flow and chemical transport/transformation in a subterranean estuary	119,654	36
University of Aberdeen - Dr A S Bowman Programmed cell death in tick salivary glands	96,201	36

University of Nottingham - Professor C J Barnard Adaptive learning and immunity trade-offs in mice	93,055	36
University of Leeds - Dr J Krause Factors influencing shoal size in free-ranging fish	25,339	12
University of Cambridge - Dr S M Clarke Solid monolayers of alkanes adsorbed from binary mixtures to graphite	78,231	36
University of Oxford - Dr C Hughes Spontaneous hybridisation and indigenous domestication of Mexican <i>Leucaena</i>	91,871	24
University of Nottingham - Dr F Gobet Modelling the acquisition of syntactic categories	4,500	36
University of Cambridge - Dr P B Davies Non-linear laser spectroscopy of surfactant coated nanoparticles	86,181	36
University of the West of England - Dr H Macdonald Characterisation of auxin-signalling pathways in guard cells	92,586	36
Zoological Society of London - Dr A F G Bourke Differential gene expression in caste determination & evolution in bumble bees	72,808	24
University of Bristol - Dr M E Viney Phenotypic plasticity in the nematode <i>Caenorhabditis elegans</i>	14,445	6
University of Leicester - Professor A R King UK astrophysical fluids facility fellows	499,439	60
University of Liverpool - Professor J A Dearing Human and climate impacts on water resources in China: learning from the past	149,190	24
Queen's University of Belfast - Professor F Keenan Searching for the source of the solar coronas high temperature	81,532	36
University of Cambridge – Professor L B Jeffcott Skeletal integrity in cathepsin L-deficient mice	14,040	6
University of Southampton - Professor P A Charles The theory & observation of black-hole binaries in our galaxy	9,520	36
University of Edinburgh - Dr S A West The trade-off between reproduction & survival	68,701	24
University of St Andrews - Dr K Dholakia Optically-based manipulation of atoms and microscopic particles	51,667	24
University of Edinburgh - Professor D W H Rankin Jack-in-the box compounds: latent energy for bond fission in flexible ligands	55,322	24
University of Wales College of Medicine - Professor M Rowe Novel dominant-negative molecules to explore TNF receptor superfamily function	82,399	24
University of Keele - Professor R D Ward Host odour manipulation by <i>Leishmania</i> to enhance sandfly transmission	26,982	12
Loughborough University - Dr A H Osbaldestin Analytical & numerical investigation of universality in dynamical systems	77,439	36

University of St Andrews - Professor P J B Slater The evolution & function of song duets in New World wrens	107,390	36
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Royal Holloway, London - Dr C S M Turney Testing hypotheses of rapid climate change using tephrochronology	82,509	24
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Research: Economics, business studies, industrial relations

University of Warwick - Professor D Storey Three decades of enterprise in Cleveland	151,363	36
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South Bank University - Professor H Cox Organisational responses to technical change: information-based business networks	56,816	24
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University of Cambridge – Mr J S Chadha Economic growth and open-economy business cycle fluctuations- a long view on the UK	14,908	6
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University of Oxford - Dr B Henry EMU and European macroeconomic policy in a global context	243,836	36
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University of Kent, Canterbury - Dr A P Dickerson Job insecurity, wages and unemployment in Britain in the 1990s	25,077	12
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University of Portsmouth - Professor R Harris The impact of foreign investment in UK manufacturing 1974-1995	52,079	24
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University of Essex - Professor A L Booth Work-related training and wages of Union and non-Union workers in Britain	67,031	24
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Research: Education

King's College London – Professor B V Street Literacy practices at home and at school: community contexts and interpretations of literacy	9,066	36
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University of Exeter - Professor E C Wragg The use of additional payments to classroom teachers	129,898	24
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Research: Fine and performing arts

Royal Holloway, London - Professor J Rink Chopin's first editions: documentary and historical analysis	39,345	12
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National Portrait Gallery - Dr C S Smith The Leverhulme Fellowship in the History of Portraiture	99,648	36
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School of Oriental and African Studies - Dr D W Hughes Music and cultural identity in Cambodia, Laos & Thailand: a comparative study	84,084	30
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Research: Humanities

University of Sheffield - Professor K Branigan Fingerprints: identifying Romano-British potters, their products and markets	11,549	6
University of Lancaster – Professor P L F Heelas The Kendal project: patterns of the Sacred in contemporary society	87,701	21
University of Essex - Professor H Clahsen The development of language processing in children and adults	87,286	36
University of Durham - Dr A R Millard Living and dying in post-medieval Manchester: a skeletal and historical study	14,566	6
London School of Economics & Political Science - Professor P Johnson Personal tax regimes in post-war Europe: a comparative analysis	68,614	28
Birkbeck College, London – Dr O Figes Russian culture & the development of the Russian national identity	8,015	24
University College London – Professor N V Smith An Investigation of extraordinary language learning	13,248	8
University of Bristol - Mr M Corney South Cadbury Environs Project: archaeological survey of a hillfort hinterland	90,064	36
University of Sheffield – Dr B Ottaway Casting experiments with archaeologically relevant copperbased alloys	59,603	24
University of Exeter - Dr S Rippon Landscapes and transition: the upland fringes of Greater Exmoor, UK	59,213	24
Cardiff University - Professor A Whittle Neolithic lifestyles & rituals: mortuary assemblages from southern Britain	3,663	36
Kings College, Cambridge - Dr I Fenlon Music, print and culture in Spain and Portugal during the Renaissance, 1474-1621	103,257	36
University of Durham - Professor R H Britnell The transfer of customary land on the estate of the bishopric of Winchester, 1350-1415	87,818	36
Royal Holloway, London - Dr R Alston Imperial subjects: the making of identities in an age of monarchy	82,869	36
University of Leeds - Professor J Gooch Strategy & security : the armed forces & Italian foreign policy, 1922-1940	15,027	6
University of York - Professor J Walvin Trade, empire and gentlemanly capitalism: the Lascelles of Harewood House	52,035	24
University of Wales, Aberystwyth - Mr P Lord The visual culture of medieval Wales	25,933	12
University of Portsmouth - Dr J F Mohan British hospital contributory schemes and the coming of the NHS	46,091	24

University of Cambridge – Professor P F Clarke A biography of Sir Stafford Cripps, 1889-1952	44,013	24
University of Warwick - Professor M Berg From art to industry – the making of modern luxury in eighteenth-century Britain	77,013	26
University of St Andrews - Dr C Given-Wilson Rotuli Parliamentorum: a new edition	30,486	6

Research: Libraries, archives, museums

Tate Gallery - Mr S Hackney Biaxial tensile behaviour of paintings on canvas: evaluation of conservation methods	38,747	12
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Research: Law, politics, international relations

London School of Economics & Political Science - Professor K Dowding Ministerial resignations and non-resignations in the twentieth century	13,972	6
British Institute of International and Comparative Law - Dr M Andenas A study of the law and practice on evidence before international courts and tribunals	12,223	5
University of Liverpool - Professor D A Kavanagh A study of the British General Election of 2001/2	28,699	12
Churchill College, Cambridge - Dr P Brendon Descriptive catalogue of the Enoch Powell papers for historical research	47,508	24
University of Birmingham - Dr J B Grix Cross-border co-operation, social capital and the enlargement of the European Union	14,590	6
University of Birmingham - Dr H A Pilkington Ethnic politics and Islam in the Western North Caucasus	79,897	30
University of Cambridge - Professor R J Bennett Role of the new local and regional economic development institutions in Britain	113,712	24

Research: Social sciences [incl. anthropology, geography, social psychology]

Loughborough University - Dr P J Hubbard Modernising the city: experiences of urban change in post-war Britain	25,215	12
University of Birmingham - Dr J W R Whitehand Historical layering and the form of urban regeneration	47,836	24
University of Birmingham - Dr R J Crisp Differential coherence of social category representation and intergroup bias	77,050	36
University of Keele - Professor E J Robinson Consequences of children's false memories of their experiences	12,344	6
Cardiff University - Dr A Jaworski “Back to the Future”: Reporting of the future in broadcast news programmes	66,522	24

University of Oxford - <i>Dr S Stokes</i> Optical dating of early <i>Homo sapiens</i> in the Nile Valley and Eastern Sahara	52,286	36
University of Hull - <i>Professor J M Okely</i> Music as Roma cultural performance: the Magyar Gypsies in Hungary	82,443	30
University of Oxford - <i>Dr J Pallot</i> The impact of changes in land tenure on subsistence practices in rural Russia	35,439	24
University of Sussex - <i>Professor R King</i> Albanians in Italy and Greece: a study in migration dynamics and social exclusion	115,398	24

Grants for research interchange

Basic sciences

University of Dundee – <i>Professor P H K Seymour</i> Manifestation of dyslexia in European orthographies of varying depth & complexity	99,514	30
Cambridge University - <i>Dr C T Whelan</i> Quantitative theory of electron-impact ionization & double photoionization	21,510	36
Cardiff University - <i>Professor W D Evans</i> Function spaces, weighted inequalities and approximation numbers for integral operators	19,950	36
Oxford Brookes University - <i>Professor M Pidcock</i> Integral equation methods in Electrical Impedance Tomography	16,425	36
University of Lancaster - <i>Professor R W Tucker</i> An investigation into gravitational interactions with slender orbiting structures	47,915	12

Visiting Fellowships in the years 2001-2003 (two fellowships each)

University of Bath	41,500	10
University of Birmingham	43,500	10
University of Central England, Birmingham	40,000	10
De Montfort University	41,500	10
University of Durham	40,000	10
University of East Anglia	43,500	10
University of Essex	41,500	10
University of Exeter	40,000	10
Glasgow Caledonian University	43,500	10
University of Greenwich	40,000	10

University of Hertfordshire	43,500	10
University of Huddersfield	43,500	10
University of Lancaster	43,500	10
University of Leeds	41,500	10
Leeds Metropolitan University	40,000	10
Liverpool John Moores University	41,500	10
University of Liverpool	40,000	10
London Guildhall University	43,500	10
Institute of Education, University of London	41,500	10
School of Advanced Study, University of London	40,000	10
Manchester Metropolitan University	43,500	10
University of Newcastle upon Tyne	41,500	10
University of Nottingham	43,500	10
Oxford Brookes University	41,500	10
Royal College of Art	40,000	10
School of Oriental and African Studies	41,500	10
University of Sheffield	43,500	10
Sheffield Hallam University	41,500	10
South Bank University	43,500	10
University of Southampton	41,500	10
University of St Andrews	40,000	10
University of Warwick	40,000	10
University of Westminster	41,500	10
University of the West of England	40,000	10
University of Wolverhampton	40,000	10
University of York	43,500	10

Grants for education

Fine and performing arts

Royal College of Music - P Hewitt Bursaries for the Junior Department	35,700	36
Royal Academy of Arts - Professor B Neiland Scholarships and Bursaries	120,000	36
Royal Academy of Music – Mr J Freeman-Attwood Postgraduate Studentships	114,000	36
London Contemporary Dance School - Ms V Lewis Bursaries at the Contemporary Dance School	125,000	36
Guildhall School of Music and Drama - Dr I Horsbrugh Drama Bursaries	64,550	36
National Youth Orchestra of Great Britain - Ms N Camilleri NYO distinctive teaching - the implementation of an Annual NYO Masterclass Day	28,245	36
Royal College of Music - Dr J Ritterman Specimen instrumental/vocal schemes of work based on "A Common Approach"	119,800	24
Aldeburgh Productions - Ms T Dutton Britten-Pears School Contemporary Performance & Composition Course	40,725	36

Medicine, health

School of Hygiene and Tropical Medicine, University of London – Professor H C Spencer Scholarships for African students at the London School of Hygiene	150,000	36
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General

The City Literary Institute – Ms P Hulin Widening participation bursary scheme to support students experiencing financial hardship	9,750	36
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Programme Grants

Education

King's College London Low Educational Achievement: Numeracy. Augmentation/Extension to existing grant	4,000	60
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Social sciences (incl. anthropology, geography, social psychology)

University of Nottingham Risk, the Public Understanding of Science, and Public Policy	1,195,540	60
Cardiff University Language and Global Communication	1,077,820	60
University of East Anglia Risk perception, trust in institutions and stakeholder participation in public policy	1,279,780	60

Grants to institutions for special initiatives

Libraries, archives, museums

University of Liverpool – <i>Dr R M Miller</i> United Africa Company Archives	20,000	30
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Artists in Residence

Royal Botanic Gardens, Kew Artist in Residence - <i>Ms J Self</i>	10,000	24
Warburg Institute, University of London Artist in Residence - <i>Ms Jane Boyd</i>	10,141	9

Visiting Professorships

Applied sciences (including architecture)

University of Wales, Bangor Professor F A Bazzaz	37,100	6
University of Edinburgh Professor J-Y Parlange	16,623	10

Basic sciences

University of Oxford Professor P M Davis	32,318	6
University of St Andrews Professor D S Zahm	20,000	8
University of Warwick Professor J Zabczyk	50,433	10
Loughborough University Professor J Laronne	23,621	9
Loughborough University Professor A Andreev	10,250	3
Queen Mary and Westfield College Professor S M Chitre	32,425	6
University of Oxford Professor J R Roth	11,450	3
University of Liverpool Professor C E Oxnard	32,934	10
University of Leeds Professor E K Sklyanin	40,366	10

Humanities

University College London Professor S Jenks	39,860	10
University of Sheffield Professor J M Bumsted	13,464	3
University of Central Lancashire Professor G Cross	15,834	4
University of Hull Professor Guiseppe Camerino	7,090	4

School of Advanced Study, University of London Professor S R Suleiman	25,529	4
London School of Economics and Political Science Professor D C Dennett	22,078	4
University of Nottingham Professor J Bristow	29,542	6
University of Durham Dr Ivana Radavanovic	33,615	10
School of Oriental and African Studies Professor S N C Lieu	41,820	10
University of Glasgow Dr J Forster	10,088	6

Social sciences (incl. anthropology, geography, social psychology)

Goldsmiths' College, University of London Professor S Atran	29,880	6
University of Kent at Canterbury Professor J Walton	9,000	3

Exceptional grants

London School of Economics

University of Warwick

Four posts in the economics of industry and organisation.

A professorship and a lectureship will be supported for ten years at each university.

1,000,000 each 120

University of Durham

University of Exeter

Four posts in classics and ancient history.

A professorship and a lectureship will be supported for ten years at each university.

1,000,000 each 120

Nottingham University

An extension of the existing programme grant to Nottingham University's Leverhulme Centre for Research on Globalisation and Labour Markets.

2,017,500 72

Bristol University

An extension of the existing programme grant to Bristol University's Leverhulme Centre for Market and Public Organisation.

1,997,220 72

Institute for Fiscal Studies, University of London

A grant to the Institute for Fiscal Studies (in collaboration with University College, London) to establish a Leverhulme Centre in Quantitative Research Methods and Practice.

1,997,305 108

School of Advanced Study, University of London

A grant to the Institute for Historical Research in London University's School of Advanced Study to create two professorships and expand research into the humanities in the context of contemporary history and metropolitan history.

1,835,962 108

University of Oxford

Contemporary Chinese Studies. Discussions of a possible grant for teaching and research for 8-10 years are underway.

The development and behaviour of humans. Four universities had been invited to submit proposals for a ten-year programme of research and teaching within the broad field of the relationship between the human genome and the development and behaviour of the human organism.

The fundamental properties of materials. Proposals are invited for interdisciplinary work in this field, involving senior posts over ten years.