

**Report
of the
Leverhulme Trustees
2007**



The Leverhulme Trust

The Leverhulme Trust

Established under the Will of
the First Viscount Leverhulme

Report of the Leverhulme Trustees 2007

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The Leverhulme Trust in 2007

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Sir Michael Angus



Sir Michael Perry



Mr N W A FitzGerald



Mr P J-P Cescau



Dr A S Ganguly



Sir Iain Anderson



Mr A C Butler

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Chairman's Foreword

Lying at the heart of the Leverhulme Trust is the wish to provide support for individuals pursuing significant research and educational projects where the outcome can, in the broadest sense, benefit the wider community. Each year at a Strategy Meeting, the Trustees debate whether the current set of the schemes offered are appropriately flexible to meet the needs of all sections of the academic community. We consult widely, and take very seriously the advice we receive, our goal being to ensure that our awards are keeping pace with the requirements of the sector. One constant remains unchanged, however: namely that it is only the strongest and most distinguished projects that are supported; in this way, we seek to maintain the high standards which have been set as a tradition for the Trust.

An example may be helpful. In keeping with advice sought on what the Trust can offer to be maximally useful, a new scheme was introduced in 2007, the Research Leadership Awards. The intention was to offer young, extremely gifted, researchers an opportunity to lead a research team to pursue a project which would significantly contribute to the development and innovation of their discipline. We were delighted with the response we received, and twelve awards were duly made on widely differing topics, including: Primate minds and the foundations for language, and Tailoring computing paradigms to physical implementation.

Research Project Grants continue to make up the majority of awards made, and this year was no exception in attracting proposals of real intellectual ambition and breadth. The range of topics was extremely diverse, and included Landscape genetics of endemism – A case study of wetland birds in Madagascar and Boethius's *De Consolatione Philosophiae*. The Early Career Fellowship award invariably attracts an extremely high number of applications on original and interesting themes; this year, topics included Ovid's *Metamorphoses* and Hellenistic listing; Algebraic structure of Iwasawa algebra, and 'Immortal verse' in British Romantic poetry. The grants made under our Emeritus Fellowships scheme are similarly diverse and significant; successful projects in 2007 included *The writings of Dürer: translation and commentary and God, belief and explanation: a book on intelligent design theorists*.

The Trust is proud of its continuing association with the very best arts training establishments across the UK. During 2007, awards were again made to some 'household names' as well as to some newer organisations. Institutions supported included the Royal Academy of Music, Royal Northern College of Music, Central School of Ballet, Elmhurst School for Dance, Lux, Central School of Speech and Drama, the Birmingham Contemporary Music Group and the Merseyside Dance Initiative. It is always a pleasure to receive the very positive reports on how the many students receiving bursaries from us are faring, prior to taking up their professional careers.

The year also saw the second Trust-supported 'Academies' Symposium, an event which brought together representatives from the British Academy, the Royal Society and the Royal Academy of Engineering. This took the form of a debate on the theme of 'Ethics in research' and was this time organised by and held at the British Academy. The evening once again proved to be a most useful way of enabling the three academies to interact and discuss a matter of importance to all.

In closing, I would like to thank all of those who have provided the Trust with their services as peer reviewers during the year, without whose advice the work of the Trustees would be immeasurably hindered. I must also thank the staff of the Trust for their continued professionalism and support; the Trustees are indebted to them. 2007 also marked my last year as Chairman of Trustees, in which capacity I have served since 1999, having become a Trustee in 1984. Sir Michael Perry will take over this mantle from January 2008 (whilst I will continue as a Trustee), and I have no doubt that under his leadership, the Trust will continue to develop and flourish. It has been a privilege and an honour to work alongside my fellow Trustees, whose contribution to maintaining the character and quality of the Trust is so reflective of their respect for the Founder and his legacy.

A handwritten signature in black ink, which appears to read 'M. R. Angus'. The signature is fluid and cursive.

Sir Michael Angus
June 2008

The Leverhulme Trust in 2007



Director's Foreword

In the land of the hidden agenda, do those who have none reign supreme? Time will tell. But it is tempting to believe that, in the advancement of research and education, concentration on the stated objective is the requirement for success. Other pressures do of course now abound, often as a consequence of institutional and personal competition. The accepted link between research and educational investment on the one side and national prosperity on the other has emphasised the professional character of the research contribution. The inspired amateur is then no longer fit for purpose. Large teams in prestigious institutions tackling grand challenges become the accepted form. Advancement is then susceptible to measurement both at institutional level as in university quality rankings, at team level as in research assessment exercises and at personal level as in bibliometric evaluations.

Multiple agendas are a necessary consequence. The style of research practice must acknowledge the professional framework within which it takes place. The involvement of a research community in providing effective responses to identified targets sets limits to the freedoms to be enjoyed by individual researchers.

In this context, and in full acknowledgement of the logic behind the current patterns, there is demand for a crucial safeguard, namely for a part of the system which can act in genuinely 'responsive mode'. Conversations with university colleagues are often so insistent on identifying the thematic character of a sponsoring agency's aspirations that it can seem almost irresponsible to have none. The absence of themes emerges as a negative attribute. But the opposite is surely the case. The offer of genuine freedom of choice admittedly places great weight upon the applicant – to be alert, to be imaginative, to be skilled, to be clear and authoritative in the advancement of a case – but it is a positive invitation to concentrate on the demands of the research or educational challenge rather than on any subsidiary agenda.

The Trustees at the Leverhulme Trust have been insistent on the central place of the responsive mode in their deliberations. The occasional forays into directed mode, as in the invitations to bid against stated Programme themes, are a small fraction of the Trust's work; they are also as much attempts to provoke research colleagues into fresh lines of thought as demands for closely targeted research. The belief remains that of the Founder, the First Viscount Leverhulme: the well-being of the community is determined by the contributions of talented individuals. And these contributions will be the more effective the less they are shaped by secondary factors extraneous to the central research quest or educational aspiration.

The place of the Trust's work in national life has accordingly and correctly undergone change in the seventy-five years of its existence. It is fully recognised that the major enterprises of national research and education must take on the scale that they do. All the more need therefore for the work of a Trust which can ensure that opportunities are still provided for those whose individual contribution will be the distinctive element in achieving success. It is a fine paradox in the life of the First Viscount that he enshrined promptings to others to work for self-realisation by setting up structures resolutely of his own devising. It is a splendid consequence of his great generosity that the Trust can hold to his belief in individual merit and can continue to support it these many decades after his passing.

It is as always a great pleasure to acknowledge the unflinching commitment shown by the Trustees to the work of the Trust and to emphasise also their determined defence of the responsive pattern of operation. On this occasion, in particular, recognition is owed to the leadership of Sir Michael Angus; a Trustee since 1984, he has, as Chairman, guided the Trust from 1999 to 2007 with unwavering dedication to its special role. To him, to his fellow Trustees and to all those who as reviewer, applicant or grant-holder so effectively contribute to the life of the Trust, I express on behalf of the entire team at Pemberton Row, our respect and gratitude.

A handwritten signature in black ink, appearing to read 'Richard Brook', written in a cursive style.

Richard Brook
July 2008

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Report of the Year 2007

I. INTRODUCTION

The following paragraphs provide first a review of the operation and intent of the different schemes conducted by the Leverhulme Trust, secondly an analysis of the discipline balance and success rates associated with those schemes, and thirdly a note on special initiatives undertaken to ensure full deployment of the Trust's resources.

II. THE OPERATIONS OF THE TRUST

The awarding of 'scholarships for research and education' as stipulated by the Founder's Will continues to be reflected in the making of grants for the conduct of research and of bursaries for educational purposes. The awards fall into three main categories, namely, those for the undertaking of specific **research projects**, those for research or study undertaken by individuals holding **fellowships, studentships** or **bursaries**, and those for the recognition of individual research achievement by way of **prizes**. The bursaries are predominantly for students in the fine and performing arts although there is also a small contribution to staff costs associated with innovative educational approaches in these disciplines. The following paragraphs outline the progress made within the different activities during the year. The 'Awards in Focus' section of the Report provides examples of the types of award, indicating something of the style and character of the work that can be undertaken. The overall level of activity is shown in the table:

	2005	2006	2007
Total Expenditure	£31.9M	£44.3M	£43.1M
Direct Awards			
Number of Outline Applications	775	752	760
Number of grants awarded	171	172	140
Financial commitment	£25.3M	£34.0M	£36.1
RAAC			
Number of applications	1263	1251	1216
Number of grants awarded	185	231	221
Financial commitment	£4.5M	£6.0M	£6.4

It will be seen that the allocations are made by two paths, namely, first by direct decision of the Trustees at their three meetings held during the year and secondly by the work of the Research Awards Advisory Committee (RAAC) acting on behalf of the Trustees. As can be seen in the table, the volume of activity of the Trust in terms of expenditure during the year has slightly fallen. The forward commitment entered into during the year has shown an increase notwithstanding the fall in the number of direct grants awarded.

Projects

Grants for research projects are made within two major categories, much the greater fraction being in the form of responsive awards, i.e., where the choice of topic and the

research design lie entirely with the applicant. The lesser fraction is that of the annual Programme awards, where the research community is invited to send forward proposals in response to two themes selected by the Trustees. Most awards in the first category are for less than £250,000; the Programme awards are for sums of up to £1,750,000.

A statistical review of the responsive awards is given later in this section in terms both of the disciplinary range of the proposals put to the Trustees and in terms of the success rates enjoyed by these proposals. The awards themselves are listed in a later section of the Report. As in earlier years, the range of topic and the energy of the research ambition reflected in the planned work are persuasive indicators of the distinctive qualities of the Trust's involvement.

The themes proposed by the Trustees for the Programme awards in 2007 were *Ceremony and Ritual and The Uses of Higher Education*. The response was encouraging with 34 and 25 bids being received for the two themes respectively. The Trustees were appreciative of the peer review advice which formed such an important part of the selection process; they were also alert to the care shown by applicants in what was recognised to be a demanding competition. Encouraged by the ability of such Programme awards to bring genuine impact to the study of significant themes, the Trustees selected four topics for the next round of the competition (*Networks; Reality; The Management of Cultural Diversity; Security and Liberty*).

Fellowships

The majority of Fellowships are awarded by the RAAC and information on the year's operations is accordingly given in the section of the report covering that Committee's activity. Statistical summaries of the fellowship schemes are also given later in this section.

One fellowship scheme within the direct care of the Trustees is that of the Major Research Fellowships in the Humanities and Social Sciences. These awards provide typically two or three years of teaching replacement so that the award holders can conduct a piece of intensive and concentrated research around a theme of their own choosing. The opportunity provided for research initiative by such awards has been widely appreciated by applicants and the competition is notable for its scale, its quality, and most strikingly for its demonstration of original and creative thinking across a rich array of subject areas. The 2007 entries were recognised by the selection panel to be of outstanding quality and in recognition of this high standard 25 awards were made in response to the 196 applications.

Networking

The *International Networks* allow research scholars in different locations to work together by providing travel funds and support for workshops and some research assistance. The scheme is valued by applicants as providing support for activities which can be of the greatest value in advancing scholarship but which are difficult to promote within the format of project awards; there has at the same time been concern on the part of the Trustees that the participating institutions should all be capable of bringing specific skills and experience to the selected research theme, for example, of geographical, linguistic or cultural familiarity. There is determination to ensure that the scheme be used less as a

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platform for the discussion of research and more for research itself.

The *Visiting Professorships* enable visits to be made to the UK by international scholars whose standing is such as to suggest their ability to strengthen the work of the host UK groups. 34 awards were made during the year in response to the 72 nominations.

A scheme with analogous ambitions, namely, the building of links, but where the distance between the disciplines is more dramatic, is that of *Artists in Residence*.

The Trustees have, in making 10 awards in response to the 12 applications received during the year, emphasised their view that a genuine mix of contrasting disciplines or traditions between the artist and the receiving institution is crucial to the success of a placement. The independence of the artist, i.e., the freedom to follow a personal vision rather than simply to provide artistic services to the institution, is seen to be crucial to the success of the collaboration.

Prizes

The Philip Leverhulme Prizes seek to recognise younger research colleagues (typically less than 36 years of age) whose research contribution has already led to their recognition at an international level. In the seventh round of the scheme, 137 nominations were received which resulted in 26 awards across five disciplines. The listing given in the later section of the report provides evidence for the value of such awards not only for the individuals concerned (each prize-winner receives £70,000) but also for the recognition accorded to their disciplines. The growing familiarity of the academic world with this set of prizes is bringing increasing recognition to the stature of the awardees.

Education

The Trust has continued to make direct awards to colleges and academies for the support of students normally undertaking graduate level professional training in the fine and performing arts. There is no doubt that the contribution of the Trust to the flexible and sensitive provision of such training is deeply appreciated. A change introduced during the year relates to the procedure to be followed in renewing existing awards. It has been the practice to require full *ab initio* applications from institutions at the close of a particular grant cycle. This has now been replaced by a rolling award scheme which has a presumption of continuation for the bursary allocation to a particular institution in response to an annual report confirming the sustained vitality of the training provided. A further change introduced during 2007 is that of a diversification of the types of activity supported. Awards are now made for *Mentoring* by way of grants to allow senior students to act as guides for their younger colleagues, and for *Professional Development* by way of support for graduates in the initial stage of their professional career.

Symposium

Continued progress has been made during the year on the organisation of a further Leverhulme Symposium to be held in 2008 at the University of Cambridge on the theme of *Earth's Climate: Past, Present and Future*. This, the second symposium, follows the one held on the theme of the *City* in 2004.

III. BALANCE OF ACTIVITY

a) Types of activity

The Trustees undertake a strategic review of the work of the Trust on an annual basis. The review has considered the Trust's 2007 portfolio of core activity to be divided into the following categories:

- Research Projects
- Research Programmes
- Major Research Fellowships
- Visiting Professorships
- Education Grants
- Artists in Residence
- Philip Leverhulme Prizes
- RAAC Awards

In the absence of any redirection resulting from the deliberations of the Trustees at the strategy review, the expectation is that in a standard year some £40M of resources are to be allocated to these schemes.

The RAAC Awards, involving some £6M of these resources, comprise the following activities:

- Research Fellowships
- Study Abroad Studentships
- Study Abroad Fellowships
- Special Research Fellowships
- Emeritus Fellowships

The extent to which the various schemes are taken up is of course dependent upon the volume and quality of applications. These continue to confirm the vigor and health of the communities seeking support for research and education; there is nonetheless a record in recent years of the Trust's income exceeding its expenditure (Figure 1). A consequence has been that the Trustees have introduced at intervals a set of 'exceptional awards' so that expenditures can be increased and the appropriate balance of income and commitment can be attained.

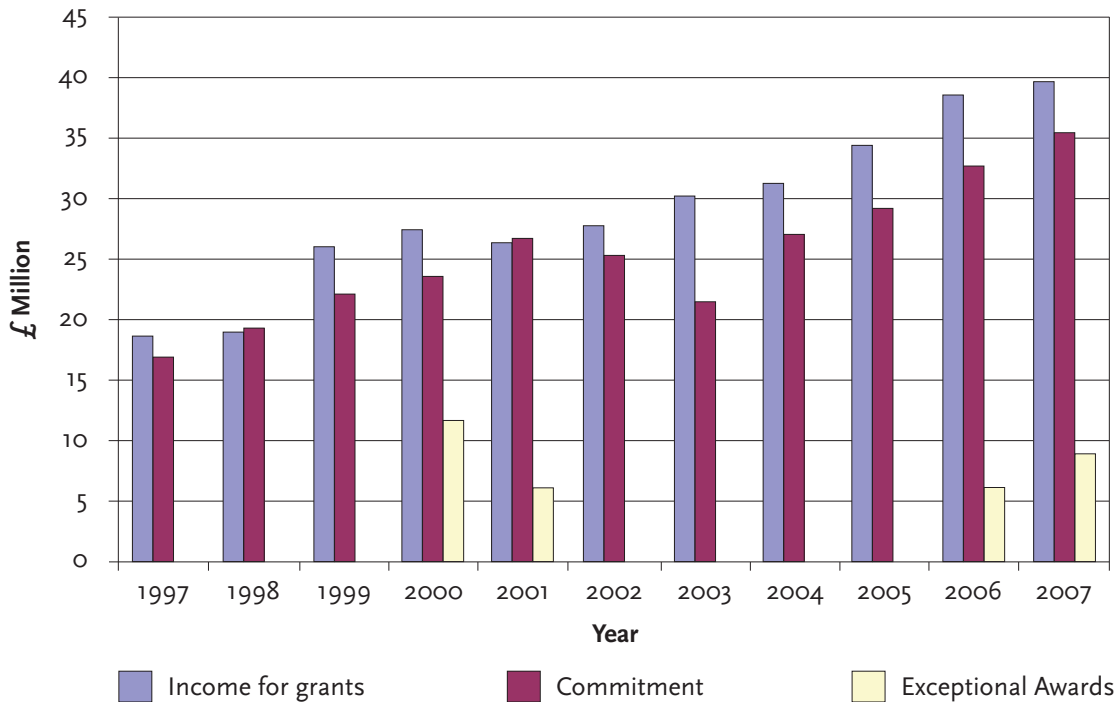
In considering the character of the 2006/7 set of Exceptional Awards, the Trustees first made a number of research project awards to a group of established research teams; these were reported in the 2006 Annual Report (p.42). They additionally decided to launch a new scheme, that of the Research Leadership Awards. Discussions with colleagues in the university sector had suggested that the current pressures placed on the work of junior research colleagues did make it difficult for them to develop skill in the establishment and guidance of research teams. A need was therefore seen for awards which could provide for five years the costs of a small research unit, i.e., the salary of the leader and staff costs for a post-doctoral worker and two research students; each award would be for a sum of up to £800k. Ten such awards were seen as a fitting complement for the scheme. Twelve awards were in fact made as reported in the listing of 2007 awards given in this Annual Report.

The types of activity undertaken by the Trust can accordingly be best considered by reviewing the ongoing core schemes separately from the set of Exceptional Awards. For the former,

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Figure 1

Leverhulme Trust: Financial Activity (£M)



the proportion of the commitment of funds to the different schemes in 2007 is indicated in Figure 2. (The costs of Artists-in-Residence, at less than 0.5% of the total are not separately shown.)

It can be seen that the traditional pattern whereby some 50% of the resources are deployed by the direct decisions of the Trustees at their three annual meetings (Research Projects) has been maintained. The set of awards made by delegated authority, either through the decisions of the Research Awards Advisory Committee or as a consequence of recommendations made to the Trustees by special advisory panels, e.g., for the Major Research Fellowships or for the Philip Leverhulme Prizes, account for the other 50%.

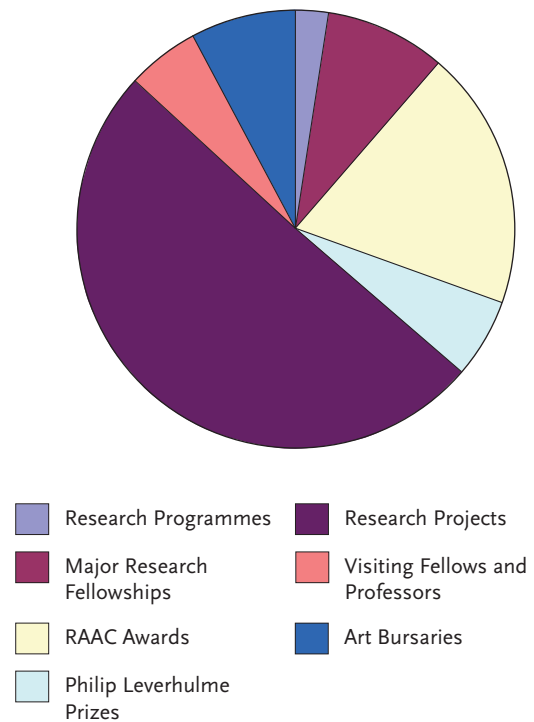
b) Balance between Disciplines: Projects

It is a major aspect of the Trust that the process adopted for the consideration of an application is unaffected by the nature of the discipline(s) touched upon in the proposal. The selection of peer reviewers is, of course, determined by the nature of the subject but the eventual decision to support or not to support is taken by a process which remains the same for all themes. It is accordingly somewhat artificial to attempt a division between subject areas. Such a division is, however, helpful in reflecting the range and diversity of the portfolio.

As noted above, the Trustees decide upon awards at their meetings held three times each year. The new awards are added to the database of active grants. At the same time, grants that have run their course are continually being removed from the active category. There is thus a continuous turnover of

Figure 2

Distribution of funds in 2007



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grants and awards. The composition of the portfolio of active project grants currently present on the database includes 1250 grants in progress. In Figure 3 we show the distribution (by number) of these grants over broad subject areas. (In this figure, the bursaries for professional training and development in the arts are included within the 'education' category.)

In Figure 4 we show the evolution of our support across the major subject areas: all science (basic sciences and applied sciences); all humanities; and all social sciences (business and economics, government and law, social sciences and education). The figure shows a distribution holding to a longstanding pattern with further convergence in the number of awards in the natural sciences and in the humanities but without recovery in the fraction of the Trust's activity devoted to the social sciences. Insofar as the Trust operates in the responsive mode, the distribution is a reflection of the behaviour of the respective applicant communities.

c) Success Rates

The success rates for responsive grants within any given year are difficult to present simply because of the nature of the reviewing system. Applicants initially send an outline application, which may be submitted at any time during the year. If this outline application is successful, the applicant is invited to submit a full application for one of the three annual dates set for such submission. Depending on the applicant, there can be a period of up to a year between the invitation to submit a full application and the actual submission of that application. This procedure means that statistics presenting the numbers of research project grants awarded or the numbers of full applications received in any one year are likely to include a number of projects for which the outline applications were made in the previous year.

Figure 3

Portfolio of the direct awards currently active

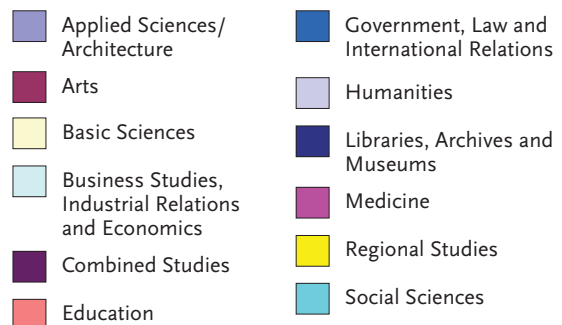
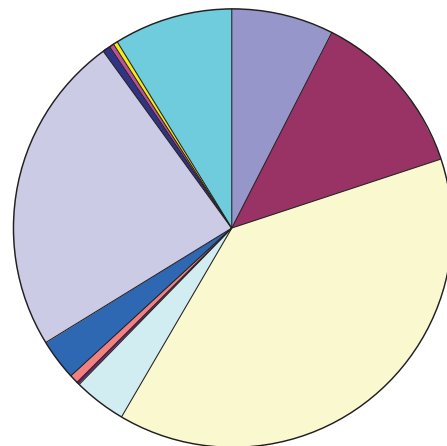
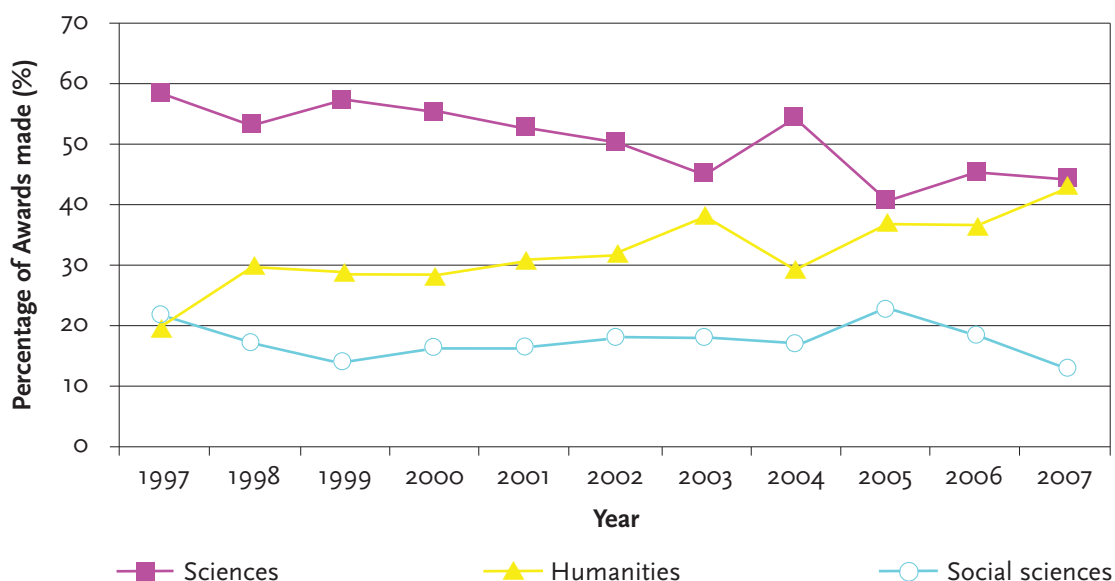


Figure 4

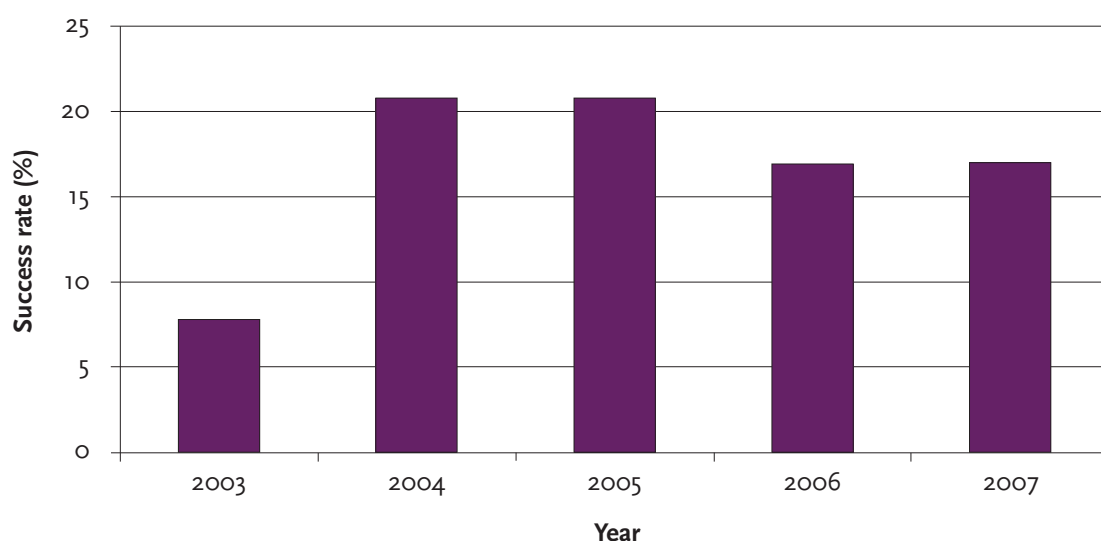
Evolution of portfolio of responsive grants



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Figure 5

Overall success rate (%) for project bids put to the Leverhulme Trust



With this caveat in mind, we can review the success rates for those putting research project proposals to the Trust. If the success rate in the outline step for the year (A%) is multiplied by the success rate in the final award step during the year, then an estimate of the overall success rate can be made. The final award step is itself composed of two stages, namely, one where the received peer review advice determines whether the bid is put to the Trustees for approval (B%) and one where the Trustees in fact determine whether they wish to give this approval (C%). The respective percentages have now become relatively stable at around 45% (A), 55% (B) and 65% (C) leading (Figure 5) to an overall success rate of some 17%, i.e., similar to the 2006 value. These represent an encouraging and welcome recovery from the low figure of less than 10% encountered in 2003 when the new procedure for outline bid review was first introduced.

d) RAAC Awards

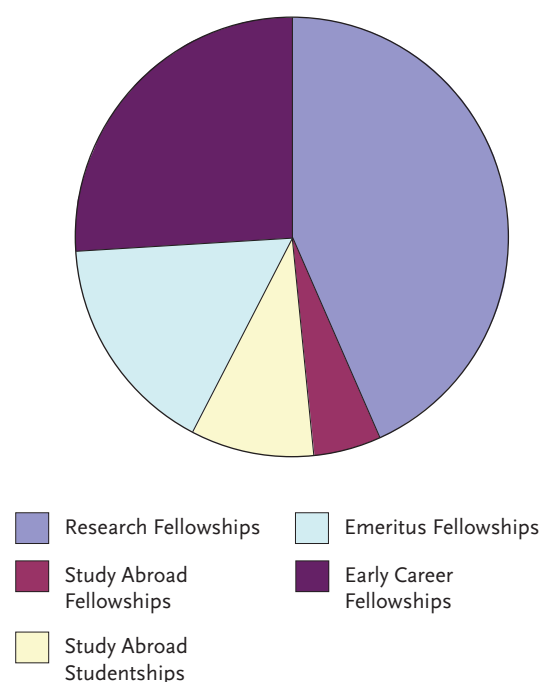
The work of the RAAC is presented more fully in the chapter comprising the report of its Chairman, Professor Keith Gull; it is reviewed briefly here in terms of the set of factors considered for the directly awarded grants.

The distribution of activity between the different forms of support is shown in Figure 6 where the predominant role (in number terms) of the Research Fellowships can be seen.

Figure 7 shows finally the success rates for 2006 and for the three preceding years associated with the different schemes of the Committee. These vary substantially; they have been particularly low for the Early Career Fellowships in which post-doctoral research workers can seek funds (50%) for their own salary in conjunction with matching funds from their institution. The increased allocation made by the Trustees to their institution in 2006 has, however, permitted some amelioration of this problem. The results for two of the directly awarded schemes, the Major Research Fellowships and the Philip Leverhulme Prizes, are also given in the figure to allow comparison.

Figure 6

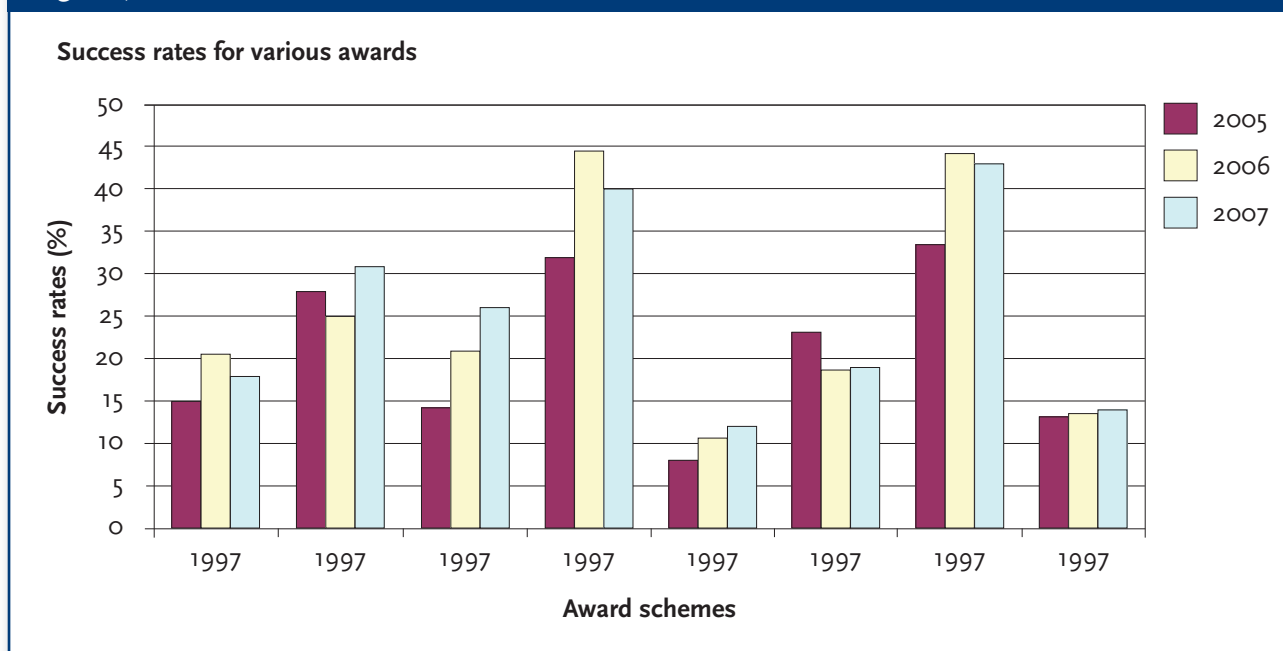
Distribution of RAAC awards in 2007



IV. RESEARCH PROGRAMME AWARDS

As noted above, The Trustees introduced a new scheme in 2007 within the category of Exceptional Awards, this being the set of Research Leadership Awards. The scheme would comprise 'up to ten awards (depending on the quality of applications)....to cover

Figure 7



the research staff costs of new research teams for periods of five years'. The scheme was announced in the summer of 2006 with a closing date of 1st December 2006. Each university was allowed to submit a single bid. The criteria for selection were given as:

- the promise of the applicant's own research record;
- the quality of support provided by the institution to a successful applicant;
- the ability of the proposed research to bring about a 'compelling change in the shaping of research disciplines'.

Eighty-five bids were received. A breakdown of the applications according to a variety of aspects can be attempted:

In terms of 'research intensity', all twenty Russell Group Universities applied. Eighteen of the nineteen '1994 Group' universities applied (the 'research intensive universities'). Thirteen of the thirty 'Coalition of Modern Universities' group applied. Fourteen of the twenty-three members of the University Alliance applied. There were twenty others. In terms of regional distribution, two universities applied from Northern Ireland, six from Wales, eleven from Scotland and the residue (sixty-eight) from England. In terms of disciplines (and this is very approximate in view of the diversity), fifty-seven were science (including medicine), sixteen social science and twelve humanities. In terms of gender, seventeen of the applications were from female candidates.

The reviewing of the proposals presented particular challenges. A number of factors contributed to this aspect:

- The absence of restriction on discipline grounds led to a striking diversity of subject areas in the bids. A substantial number, some fifteen or so, treated topics such as medicine where the Trust currently has modest reviewing expertise.
- The emergence of each bid as the winner of a local competition meant that the quality was unusually high; it also meant that each bid had already been submitted to an

intensive peer review process at the institution. This typically involved a hierarchy of consideration, namely, at department, then faculty, then institution level. Many enquiries were received concerning the criteria and the character of the 'ideal candidate'.

- A consequence of the previous aspect was that the success rate in the overall competition would be very low. Enquiries suggested that the single entrant had been selected from a number of local applicants which was typically over ten. This in turn meant that the chance of success in the total scheme was of the order 1%.
- The spread of universities meant that a striking spread of institutional aspirations could be identified. This then required that reviewers display a degree of flexibility in their application of the criteria since imposition of a specific narrow vision would necessarily bias the outcome.
- This association of candidate with university meant that the entrants were to some extent product champions for their institution. Since all Russell Group universities had applied and all but one 1994 Group universities, the competition involved a clear sub-plot of a selection between institutions.

The procedure in fact adopted was to send batches of the applications to peer review advisors whose expertise most closely matched that of the theme of the application. Twenty-one reviewers in total gave attention to the bids with each bid being considered by two reviewers.

Following full consideration of the applications and of the peer review advice received, the Trustees decided at their meeting in March 2007 to make twelve awards. The listing is given in a later section of the Report. The view was expressed that the scheme had resulted in an impressive array of applications and that the eventual awards had been made to researchers of the highest promise. It was, however, recognised that the scheme represented a sufficiently distinctive character that opportunity should now be given for it to come into operation and for its contribution to be assessed; this should precede any further offering of the scheme.

The Leverhulme Trust in 2007



Report of Research Awards Advisory Committee

Members	Chairman: Professor K Gull, CBE PhD FRS
	Professor R Ashton, OBE PhD FBA
	Professor R J Bennett, PhD FBA (to 20 September 2007)
	Professor T M Devine, OBE PhD DLitt FBA FRSE
	Professor L Foxhall, MBE PhD
	Sir Richard Friend, PhD FEng FRS
	Professor J Keating, PhD
	Professor J Le Grand PhD (from 1 October 2007)
	Professor L Nead, PhD
Professor N Wikeley, MA	

2007 was another successful year for the Research Awards Advisory Committee (RAAC) with some crucial financial changes and a number of other notable developments. The Trustees approved a generous £500,000 increase on the previous year's allocation which brought the 2007 budget to £6.5 million. Their subsequent decision, that in future years the financial allocation should be adjusted to allow the volume of awards to be maintained, was a very welcome one, and I am very grateful for their generosity. This will allow the Committee to address two key issues: firstly, to continue to set award values at a realistic level; and secondly, to be able to maintain success rates. With the rising cost of academic salaries such increases in the budget will serve to ensure RAAC awards to individuals remain both competitive and attractive.

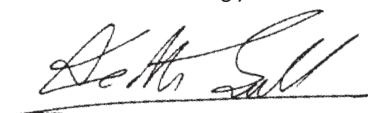
Academic salary costs represent the major portion of many of our awards hence higher salary costs have a large impact. This issue is particularly pertinent for our Research Fellowships and for the Early Career Fellowships. Therefore, I am particularly excited and pleased that from 2008 funds will be available to allow prospective Early Career Fellows to seek support for three-year projects, where there is a clear need for longer than the normal two-years. It is particularly pleasing that so many host institutions are keen to meet these salary costs in a 50:50 partnership as part of their investment in young staff. The increased allocation will also benefit Research Fellows by allowing them to request the full cost of a 12-month teaching replacement.

The Early Career Fellowship scheme was the great success story of 2007. Not only were we able to offer more awards than ever before, some 59 Fellowships were taken up, but a good number of our existing Fellows were offered a permanent post, no doubt this was at least partly related to the October 2007 census date for the Research Assessment Exercise. This was very good news for a scheme which has the primary goal of creating longer-term career development opportunities for younger academics, and I'm delighted for the individuals concerned. The Early Career Fellowship has become a very prestigious route to an academic position.

Another important development for the Trust was the introduction of an online application system for the Early Career and Research Fellowships. We believe that this has made the application process more straightforward and consistent, both for applicants and their institutions, as well as making the processing of applications within the Trust more efficient. We plan to extend this to other high-volume schemes in the coming year as initial feedback on the system has been very positive.

We continued to receive high quality applications from across the academic spectrum, and I believe that we have been able to support some truly innovative projects. The subject breadth continues to astound, illustrated by awards such as an Emeritus Fellowship for Professor Jean La Fontaine to research the beliefs and practices of child witches in London, or a study of the World Bank as a governance agent in Argentina by a Study Abroad Student, Abilene Pitt. It is clear that the commitment of the RAAC to the personal endeavours of the individual researcher is reaping great academic rewards across all disciplines. This is perhaps even more important than ever for UK academia.

Finally, last year we saw the retirement of Professor Robert Bennett, after seven years as a member of the RAAC, and the appointment of Professor Julian Le Grand, who has taken over his role. I would like to take this opportunity to thank Professor Bennett for his commitment to the RAAC, and I very much look forward to working with Professor Le Grand over the coming years.



Professor Keith Gull FRS
July 2008

LEGAL AND ADMINISTRATIVE DETAILS

Established under the Will of the First Viscount Leverhulme.

		Date Appointed
Trustees		
	Sir Michael Angus HonDSc HonLLD CBIM (Chairman until 31 December 2007)	5-11-84
	Sir Michael Perry GBE HonDSc HonLLD FRSA CBIM (Chairman from 1 January 2008)	15-11-91
	Mr N W A FitzGerald KBE FRSA	1-4-97
	Dr A S Ganguly CBE	6-7-00
	Mr P J-P Cescau	22-11-05
Associates		
	Sir Iain Anderson CBE (appointed as a Trustee)	23-02-99
	(resigned as a Trustee and appointed as an Associate)	22-11-05
	Mr A C Butler	19-11-98
Director	Professor Sir Richard Brook OBE ScD FREng	
Bankers	Barclays Bank PLC	1 Churchill Place, London, E14 5HP
	Barclays Global Investors	1 Churchill Place, London, E14 5HP
	Allied Irish Bank	2 Callaghan Square, Cardiff, CF10 2AZ
Solicitors	Allen & Overy	One New Change, London, EC4M 9QQ
	Mayer Brown Rowe & Maw	11 Pilgrim Street, London, EC4V 6RW
Auditors	PricewaterhouseCoopers LLP	80 Strand, London, WC2R 0AF
Investment Managers		
	Blackrock Investment Managers Limited	33 King William Street, London, EC4R 9AS
	Capital International Limited	40 Grosvenor Place, London, SW1X 7GG
	Newton Investment Management Limited	160 Queen Victoria Street, London, EC4V 4LA

The Trustees present their Report and the audited Financial Statements for the year ended 31st December 2007.

Structure, Governance and Management

The Leverhulme Trust is a Registered Charity, No. 288371. It derives from the Will of the First Viscount Leverhulme (the "Founder"), who died in 1925. He left a proportion of his shares in Lever Brothers Limited upon trust and specified the income beneficiaries, to include certain trade charities and the provision of scholarships for such purposes of research and education, being valid charitable purposes, as the Trustees might decide. The shareholding subsequently became one with Unilever plc.

In November 1983, the High Court approved a declaration of Charitable Trust from the Will which gave its two charitable objects each an independent existence including its own Unilever shareholding. The eligible trade charities became the concern of the Leverhulme Trade Charities Trust. The Leverhulme Trust, from that date, was solely concerned with research and education.

Neither Trust is a limited company and the only connection between the two charities is that they share the same Trustees and an annual charge for administration is made from the Leverhulme Trust to the Leverhulme Trade Charities Trust. This charge is to cover part of the cost of the Director of

Finance in his capacity as Secretary responsible for the day to day administration of the Leverhulme Trade Charities Trust.

Full information on the scope of the Trust and the policies of the Trustees is given in an annual publication "The Leverhulme Trust, a guide for applicants", which is available on request and also on the website <http://www.leverhulme.ac.uk>.

In keeping with the stipulations of the Founder in his Will, any replacements for one or other of the five Trustee positions are selected by the existing Trustees for an indefinite term and every person appointed shall if possible be a director or former director of Unilever plc. They are appointed by a Deed of Retirement and Appointment between the retiring Trustee, the continuing Trustees and the new Trustee. The current Trustees are listed on page 1.

The Trustees, who receive no remuneration for their services, meet four times per annum to manage the activities of the Trust, which includes the allocation of the income of the Leverhulme Trust in accordance with the Will of the Founder and the 7 November 1983 Trust Deed. They can be supported by Associates whose responsibilities are to complement the work of the Trustees.

Financial Report and Accounts

Trustees decide which applications for grants are to be accepted based upon advice from experts in the particular field of study.

Trustees induction and training consists of briefings from other Trustees and the Director of the Trust; those appointed receive copies of relevant Charity Commission publications.

The Director is responsible to the Trustees for the day-to-day administration. The Trust has the equivalent of 14 staff who are responsible to the Director.

The Trust has three standing committees –

- The Research Awards Advisory Committee. This consists of nine eminent Professors attached to various institutions in the UK covering a wide range of fields of study. Trustees have delegated authority to them to make research awards to individual applicants in a selection of Trustee approved schemes.

Full details of the Committee and its activities during the year are given elsewhere in the main body of “The Report of the Leverhulme Trust 2007”. This report is available on request and extracts can be called up on the Trust’s own website on the Internet at <http://www.leverhulme.ac.uk>.

- The Investment Committee. This consists of the Director of Finance of the Trust and an external advisor. Its remit is to review the performance of the investment managers at regular intervals and to report back to the Trustees.
- The Leverhulme Advisory Panel. This consists of some 32 external specialists who provide individual advice to the Trust on initial requests for financial support.

The Trustees have assessed the major risks to which the charity is exposed and drawn up a risk management register which they review annually. Trustees are satisfied that systems are in place to mitigate exposure to identified risks.

Objectives and Activities

The instructions given for the establishment of the Trust in the Will of the Founder in defining the purpose is succinct and generous in allowing for changes to fit the times. The objective is the promotion of research and education as the Trustees in their discretion direct.

The aims of the charity are to fulfil the founder’s instructions. In order to carry out these aims Trustees have set in place a range of activities seeking to fulfil the founder’s intent. The Will itself places no restriction on the disciplines that are to form the content of the research or education.

The Trustees have set in place a strategy for achieving the aims and the objectives of the Trust which consists of making grants

that include responsive research projects, visiting fellowships and professorships, major research fellowships, special large research projects, prizes and awards made to individuals. (delegated to the Research Awards Advisory Committee.)

The grant making policies of the Trust are set out in the annual publication “The Leverhulme Trust, a guide for applicants”. This provides detailed information on how to apply for a grant and how any subsequent awards are administered. It is available on request and extracts can be called up on the Internet at www.leverhulme.ac.uk

Details of the main schemes can be seen in the next section Achievement and Performance.

Achievements and Performance

The main body of “The Report of the Leverhulme Trustees 2007” reviews the development, activities and achievements during the year and shows a full listing of all grants approved by the Trustees during the year. The report provides a narrative of some of the grants that were completed during the year in order to give a flavour of the range of activities supported by the Trust. There is also a summary by field of study and a complete descriptive listing of all grants to institutions agreed by the Trustees during the year and a detailed listing of the awards to individuals during the year. A summary of the value of grants made can be seen in the following table.

The number of detailed applications received for consideration for responsive mode projects, including extensions to existing grants, amounted to 349 in 2007 (2006: 358). The number of grants which were subsequently made amounted to 140 (2006: 172).

All institutional grants are reviewed on completion by the

TYPE OF SCHEMES

	2007		2006	
	£'000	%	£'000	%
Research Awards Advisory Committee	6,373	15	6,000	15
Responsive Mode Projects	19,464	46	19,286	48
Research Leadership Awards	9,087	21	–	–
Designated Programmes	877	2	8,796	22
Major Research Fellowships	2,902	7	2,685	7
Visiting Fellows & Professors	1,725	4	1,526	4
Leverhulme Prizes	2,020	5	1,680	4
Grants Awarded in Year	42,448	100	39,973	100

Trustees. Specifically with consideration of the ambitions presented in the original bids and detailing the broad findings and publications resulting from the award.

Financial Review

The income of the Trust amounted to £44.8m in 2007 (2006: £54.0m). Excluding the one-off dividend of £12.1m received from Unilever in 2006, income of the Trust increased by £2.9m. This was principally due to the increasing regular dividends received on the Trust's shareholding in Unilever (£2.3m).

Grants awarded in the year increased from £40.0m in 2006 to £42.4m in 2007 a summary by scheme can be seen in Note 3a to the accounts.

The value of the Trust at the end of 2007 was £1,532.3m (2006: £1,205.1m). The change in year-end market values of the Unilever shareholding resulted in an unrealised gain during the year of £303.1m.

The Trustees annually review the shareholding in Unilever plc. Taking account of the wide and diversified range of Unilever's businesses, products and regional sources and markets, and of the total return from the shareholding, they continue to be satisfied with the performance of the shares compared with stock market indicators.

The investment policy of the Trustees is in accordance with the Trust Deed which states that they may at their discretion invest the Trust Fund in stocks, shares, securities or other investments, and appoint investment managers. The performance target of the three investment managers so appointed is to produce a return in excess of agreed benchmarks. The combined return from the three managers for the year 2007 was 6.8% compared with the benchmark of 6.8%.

Trustees review the reserves policy at their meetings throughout the year. The Trust's spending policies are set at a level intended to maximise sustainable spend through time and preserve, at least, the real purchasing power of the fund through time. The policy for the income fund is to retain sufficient funds in order to meet payments in respect of all grants awarded and schemes approved. At the year end there was sufficient funds to cover both. Where there is an excess of resources on the income fund, Trustees will agree to increases in regular allocations to schemes or to the provision of one-off schemes or a combination of both in order to bring the fund into compliance with the policy.

Plans for future periods

Trustees aim to continue to maintain annual income levels and to consider and support the widest range of charitable activity consistent with their objectives and their grant making policy. They will continue to monitor the demand for existing programmes and to develop new programmes and schemes which will keep the level of commitments to resources in line with policy. The Trustees have identified funds for schemes where the grants will not be committed until 2008 viz. £1.8m for Visiting Professorships and Fellowships; £3.0m for Major Research Fellowships; £2.5m for Prizes; £4.0m for specially

designated programmes; £0.9m for Senior Fellowships; £8.0m for the RAAC (Research Awards Advisory Committee) and £1.7m for the arts.

As resources available currently exceed commitments made, the Trustees have initiated a detailed investigation into a number of special programmes of which they hope to launch in 2008 in order to restore the desired balance of resources and commitments.

Statement of Trustees responsibilities for the financial statements

The Trust Deed requires the Trustees to prepare financial statements for each financial year which give a true and fair view of the state of affairs of the Trust and of the incoming resources, cash flows and application of resources for the year. The Trustees recognise that this includes responsibility to:

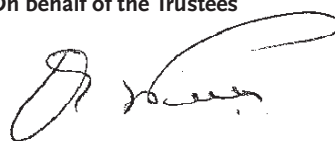
- Select suitable accounting policies and apply them consistently;
- Make judgements and estimates that are reasonable and prudent;
- State whether applicable accounting standards have been followed, subject to any material departures disclosed and explained in the financial statements;
- Prepare the financial statements on the going concern basis in accordance with the Charities Act 1993 unless it is inappropriate to presume that the Trust will continue.

The Trustees acknowledge they are responsible for keeping proper accounting records which disclose with reasonable accuracy at any time the financial position of the Trust. They

also acknowledge responsibility for safeguarding the assets of the Trust and hence for taking reasonable steps for the provision and detection of fraud and other irregularities.

So far as each Trustee is aware, there is no relevant audit information of which the Trust's auditors are unaware, and they have taken all the steps they ought to have taken as a Trustee in order to make themselves aware of any relevant audit information and to establish that the Trust's auditors are aware of the information.

On behalf of the Trustees



Sir Michael Perry (Chairman)

Date 04/03/2008

1 Pemberton Row, London EC4A 3BG

Financial Report and Accounts

Independent auditors' report to the Trustees of the Leverhulme Trust

We have audited the financial statements of the Leverhulme Trust for the year ended 31 December 2007 which comprise the Statement of Financial Activities, the Charity Balance

Sheet, the Cash Flow Statement and the related notes. These financial statements have been prepared under the accounting policies set out therein.

Respective responsibilities of Trustees and auditors

The responsibilities of the Trustees for preparing the financial statements in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice) are set out in the Statement of Trustees' Responsibilities.

We have been appointed as auditors under section 43 of the Charities Act 1993 and report in accordance with regulations made under section 44 of that Act. Our responsibility is to audit the financial statements in accordance with relevant legal and regulatory requirements and International Standards on Auditing (UK and Ireland). This report, including the opinion, has been prepared for and only for the charity's trustees as a body in accordance with Section 43 of the Charities Act 1993 and regulations made under section 44 of that Act and for no other purpose. We do not, in giving this opinion, accept or assume

responsibility for any other purpose or to any other person to whom this report is shown or into whose hands it may come save where expressly agreed by our prior consent in writing.

We report to you our opinion as to whether the financial statements give a true and fair view and are properly prepared in accordance with the Charities Act 1993. We also report to you if, in our opinion, the information given in the Trustees' Report is not consistent with the financial statements, if the charity has not kept proper accounting records, or if we have not received all the information and explanations we require for our audit.

We read the Trustees' Report and consider the implications for our report if we become aware of any apparent misstatements within it.

Basis of audit opinion

We conducted our audit in accordance with International Standards on Auditing (UK and Ireland) issued by the Auditing Practices Board. An audit includes examination, on a test basis, of evidence relevant to the amounts and disclosures in the financial statements. It also includes an assessment of the significant estimates and judgments made by the trustees in the preparation of the financial statements, and of whether the accounting policies are appropriate to the [group and] charity's circumstances, consistently applied and adequately disclosed.

We planned and performed our audit so as to obtain all the information and explanations which we considered necessary in order to provide us with sufficient evidence to give reasonable assurance that the financial statements are free from material misstatement, whether caused by fraud or other irregularity or error. In forming our opinion we also evaluated the overall adequacy of the presentation of information in the financial statements.

Opinion

In our opinion:

- the financial statements give a true and fair view, in accordance with United Kingdom Generally Accepted Accounting Practice, of the state of the charity's affairs as at 31st December 2007 and of its incoming resources and application of resources, including its income and expenditure and cash flows, for the year then ended; and

- the financial statements have been properly prepared in accordance with the Charities Act 1993.

PricewaterhouseCoopers LLP
Chartered Accountants and Registered Auditors
London

Financial Report and Accounts

Statement of financial activities for the year ended 31 December 2007

	Notes	2007 £000	2006 £000
Incoming resources			
From generated funds			
Investment income	2	44,763	54,012
<i>Total Incoming Resources</i>		<u>44,763</u>	<u>54,012</u>
Resources expended			
Cost of generating funds –			
– Investment management costs		1,159	1,034
Charitable activities	3a	41,884	43,167
Governance costs	3b	67	52
<i>Total resources expended</i>		<u>43,110</u>	<u>44,253</u>
<i>Net incoming resources before other recognised gains and losses</i>		1,653	9,759
Realised and unrealised gains on investment assets	10	<u>325,610</u>	<u>115,604</u>
<i>Net movement in funds</i>		327,263	125,363
Reconciliation of Funds			
Total funds at beginning of year		<u>1,205,113</u>	<u>1,079,750</u>
Total funds carried forward		<u>1,532,376</u>	<u>1,205,113</u>

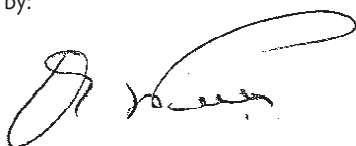
The statement of financial activities includes all gains and losses recognised during the year. All incoming resources and resources expended derive from continuing activities.

Financial Report and Accounts

Balance sheet as at 31 December 2007

	Notes	2007 £000	2006 £000
Fixed Assets:			
Tangible Assets	4	69	77
Investment in Shares in Unilever plc	5	1,295,239	978,625
Other Investments	6	287,186	266,520
Total fixed assets		1,582,494	1,245,222
Current Assets:			
Debtors	7	207	77
Cash and Bank Balances	8	41,829	46,699
Total current assets		42,036	46,776
Creditors: amounts falling due within one year	9	60,942	56,615
<i>Net current liabilities</i>		(18,906)	(9,839)
<i>Total assets less current liabilities</i>		1,563,588	1,235,383
Creditors: amount falling due after one year	9	(31,212)	(30,270)
Total net assets		1,532,376	1,205,113
Funds of the charity			
Unrestricted fund	10		
Capital fund		185,652	165,665
Revaluation reserve		1,294,871	991,722
		1,480,523	1,157,387
Income fund		48,971	40,901
Revaluation Reserve		2,882	6,825
		51,853	47,726
Total charitable funds		1,532,376	1,205,113

The financial statements were approved by the Trustees and signed on their behalf by:



Sir Michael Perry
Trustee

Date 4th March 2008

Financial Report and Accounts

Cash Flow Statement for the year ended 31 December 2007

	Notes	2007 £000	2006 £000
Net Cash Inflow From Operating Activities	(a)	(37,795)	(33,156)
Returns on investments			
Investment income received		44,569	54,012
Capital Expenditure and Financial Investment			
Purchase of Investments	(175,620)		(86,289)
Proceeds from Sale of Investments	163,591		85,963
Decrease in cash held by investment managers	358		332
Purchase of tangible fixed assets	—		(9)
		<u>(11,671)</u>	<u>(3)</u>
Net cash (outflow) inflow before management of liquid resources		(4,870)	20,853
Management of Liquid Resources			
Cash (placed on)/taken from short term deposits		(35,356)	12,852
Increase in Cash in the year		<u>40,226</u>	<u>33,705</u>
a) Reconciliation of Net incoming resources to net cash flow from operating activities			
Net incoming resources		1,653	9,759
Investment income and deposit interest		(44,763)	(54,012)
Decrease in debtors (excluding accrued investment income)		37	26
Increase in creditors		5,270	11,060
Depreciation		8	11
Net cash outflow from operating activities		<u>(37,795)</u>	<u>(33,156)</u>
b) Reconciliation of Net cash flow to cash and bank balances:			
(Decrease)/Increase in cash for the year:		(40,226)	33,705
Net cash resources at :			
– 1 st January		42,219	8,514
– 31 st December		<u>1,993</u>	<u>42,219</u>

Financial Report and Accounts

Notes to the Accounts

1 Accounting Policies

Basis of preparation of the accounts

These financial statements have been prepared in accordance with applicable UK Accounting Standards (UK GAAP), the Charities Act 1993 and the Statement of Recommended Practice: Accounting and Reporting by Charities, revised 2005. The accounts have been prepared under the historical cost convention, with the exception of investments which are included at market value.

Fund Structure

The funds of the charity are unrestricted and are fully expendable at the discretion of the Trustees. However, in order to demonstrate adherence with the policy adopted to preserve the capital of the Trust, the Trustees have designated capital and income funds.

The capital fund consists of 68,531,182 ordinary shares of Unilever plc and certain other investments.

The income fund consists of the balance of fixed assets, current assets and the liabilities.

Incoming resources

Incoming resources are recognised when the Trust has entitlement to the resources, it is certain that the resources will be received and the monetary value of the incoming resources can be measured with sufficient reliability.

Resources expended

Liabilities are recognised as resources expended when there is a legal or constructive obligation committing the Trust to the expenditure.

Grants, both single and multi-year, are recognised in the accounts as liabilities after they have been approved by the Trustees, the recipients have been notified and there are no further terms and conditions to be fulfilled which are within the control of the Trust. In these circumstances there is a valid expectation by the recipients that they will receive the grant.

Grants amounts that have been approved by the Trustees for specific purposes in future years, but have not been allocated to specific recipients at year-end are disclosed as commitments.

Cost of generating funds

The cost of generating funds consists of investment management fees.

Charitable activities

The cost of charitable activities consists of grants and support costs, being the allocation of administrative costs relating to the delivery of the grant making activity.

Governance costs

The cost of governance consists of statutory audit and legal fees, Trustees' expenses and the allocation of administrative costs relating to the public accountability of the Trust and its compliance with regulation and good practice.

Recognised gains and losses

Recognised gains and losses consist of both realised and unrealised gains and losses on investments. Realised gains and losses are calculated as the difference between sales proceeds and opening market value (purchase date if later). Unrealised gains and losses are calculated as the difference between market value at the end of the year and opening market value (or purchase date if later).

Irrecoverable VAT

Irrecoverable VAT is charged to the category of resources expended or tangible fixed asset for which it was incurred.

Tangible Fixed Assets

Tangible fixed assets acquired with a cost of more than £1000 are capitalised. Otherwise they are expensed in the year of acquisition.

Depreciation is applied to fixed assets on a straight-line basis over their expected useful life at the following annual rates:

Furniture, fitting and office machinery	7%
Computers	33 ¹ / ₃ %

No depreciation charge is made in the year an asset is acquired.

Investments

Investments are recognised at market value, being the last trading price for the securities prior to year-end.

Cash and bank balances

Cash and bank balances represent money on deposit and on current accounts with banks. Cash held by investment managers is included with investments.

Pension scheme

All staff are employed jointly by Unilever UKCR Ltd and the Trust. The Trust staff participate in the Unilever UKCR Ltd defined benefit pension scheme. The pension liability is provided for in full by Unilever UKCR Ltd. The contributions made by the Trust on behalf of its staff in the year are recognised in the Trust's Statement of Financial Activities as incurred. The Trust itself is not deemed to bear any other liability in relation to the pension scheme.

Financial Report and Accounts

2 Investment Income	2007 £000	2006 £000
Dividends from Unilever plc	33,608	43,427
Managed Investments		
Fixed Interest	2,466	2,668
Equities	6,006	6,435
Cash	351	176
	42,431	52,706
Bank Interest	2,332	1,306
Total investment income	44,763	54,012

Dividend income from Unilever plc is in respect of ordinary shares. In 2006 £12.1m was received from Unilever plc as a one-off dividend. This has been accounted for within the Capital Fund.

3 Analysis of resources expended

3a) Charitable activities

Grant funding during the year plus apportioned support costs are as follows:

Activity	Grants £000	Support Costs £000	Total 2007 £000	Total 2006 £000
Research Awards Advisory Committee	6,372	270	6,642	6,246
Responsive Mode Projects	19,463	813	20,276	20,028
Major Research Fellowships	2,902	123	3,025	2,798
Programmes/Research Leadership Awards	9,966	93	10,059	8,880
Visiting Professors/Fellows Prizes	1,725	108	1,833	1,625
	2,020	100	2,120	1,772
Grants Awarded	42,448	1,507	43,955	41,349
Adjustment on prior year grant awards	(2,071)	–	(2,071)	1,818
Net Grants Awarded	40,377	1,507	41,884	43,167

Support costs are apportioned on the basis of staff time spent on activities. The adjustments on prior year grant awards include the provision for future pay awards less the write back of amounts on closed grants.

3b) Governance/Support

The administrative costs of the Trust are apportioned as to governance and in support of charitable activities as follows:–

	Governance costs £000	Support £000	2007 Total £000	2006 Total £000
Staff remuneration	20	861	881	902
Accommodation	7	268	275	267
Other	8	378	386	239
Legal	14	–	14	1
Audit	17	–	17	17
Trustees	1	–	1	2
	67	1,507	1,574	1,428

Total costs are apportioned on the basis of staff time spent on the two functions.

3c) Staff

	2007 £000	2006 £000
Wages and salaries	631	618
Social Security costs	60	61
Pension costs	146	156
Contractors	38	24
Other	6	43
	881	902

The average number of full time equivalent staff during the year was 14 (2006:14).

All staff are employed jointly by Unilever UKCR Ltd and the Trust with their cost recharged to the Trust. The number of staff who received salaries and other emoluments (including pension contributions) over £60,000 was:

	2007 Number	2006 Number
£70,001 – £80,000	2	1
£80,001 – £90,000	–	1
£150,001 – £160,000	–	1
£170,001 – £180,000	1	–

Unilever UKCR Ltd makes provision under their pension scheme for the benefit of the staff of the Trust.

3d) Trustee costs

Trustees did not receive any remuneration during the year. Two Trustees received travelling and subsistence expenses (in 2006 three Trustees) of £1,000 (2006: £2,000).

4 Tangible Fixed Assets

	Furniture, Fittings Equipment £000	Computers £000	Total £000
Cost			
At 1 January 2007	116	16	132
Additions	–	–	–
At 31 December 2006	116	16	132
Accumulated Depreciation			
At 1 January 2007	39	16	55
Charge for Year	8	–	8
At 31 December 2007	47	16	63
Net Book Value			
At 31 December 2006	69	–	69
At 31 December 2005	77	–	77

5 Investment in shares in Unilever plc

	2007 £000	2006 £000
Historical cost	13,592	13,592
Market value	1,295,239	978,625

The market value of investments held in Unilever plc shares reflects the market year-end share prices. There were no purchases/sales during the year. For cost purposes the shares were valued at the market price of £13,592,018 on Budget day 1965.

Financial Report and Accounts

6 Other Investments

Other Investments represent amounts held in managed investment funds with Blackrock Management (UK) Limited, Capital International Limited and Fidelity Pensions Management and are shown at market value. The historical cost at 31 December 2007 was £271.1 million (2006: £233.0 million).

	2007 Market Value £000	Movement in Year Value £000	2006 Market Value £000
Fixed Interest – UK	50,157	4,768	45,389
Equities – UK	141,396	5,065	136,331
– Overseas	90,862	11,191	79,671
Cash	4,771	(358)	5,129
Investments	<u>287,186</u>	<u>20,666</u>	<u>266,520</u>

Analysis of movement:–

Purchases at Cost	175,620
Disposals at Carrying Value	(137,153)
Unrealised Profit/(Loss)	(17,443)
Decrease to cash	(358)
	<u>20,666</u>

7 Debtors

Debtors comprise accrued investment income of £207,000 (2006 : £40,000) and amounts due from The Leverhulme Trade Charities Trust (a related party see Note 12) of Nil (2006: £37,000).

8 Cash and Bank Balances

	2007 £000	2006 £000
Cash at bank and in hand	1,993	42,219
Term deposits under 3 months	<u>39,836</u>	<u>4,480</u>
	<u>41,829</u>	<u>46,699</u>

9 Creditors

	2007 £000	2006 £000
Grants payable	91,810	86,545
Accrued administration expenses and Investment management fees	344	340
Total	<u>92,154</u>	<u>86,885</u>
Less: grants falling due after more than one year	<u>(31,212)</u>	<u>(30,270)</u>
Amounts falling due within one year	<u>60,942</u>	<u>56,615</u>

10 Capital and Income Funds

	Capital Fund 2007 £000	Income Fund 2007 £000	Total Funds 2007 £000	Total Funds 2006 £000
a) Movement in funds				
As at 1 st January	1,157,387	47,726	1,205,113	1,079,750
Net incoming/ (outgoing) resources before other recognised gains/losses	–	1,653	1,653	9,759
Realised gains on sale of Investments	19,987	6,419	26,406	9,954
Revaluation of investments	<u>303,149</u>	<u>(3,945)</u>	<u>299,204</u>	<u>105,650</u>
	<u>323,136</u>	<u>2,474</u>	<u>325,610</u>	<u>115,604</u>
As at 31 st December	<u>1,480,523</u>	<u>51,853</u>	<u>1,532,376</u>	<u>1,205,113</u>

b) Funds are comprised
as follows:

Fixed assets	1,480,523	101,971	1,582,494	1,245,222
Current assets	–	42,036	42,036	46,776
Liabilities	–	(92,154)	(92,154)	(86,885)
Net Funds	<u>1,480,523</u>	<u>51,853</u>	<u>1,532,376</u>	<u>1,205,113</u>

c) Revaluation reserves

As at 1 st January	991,722	6,825	998,547	892,897
Revaluation of Investments	<u>303,149</u>	<u>(3,943)</u>	<u>299,206</u>	<u>105,650</u>
As at 31 st December	<u>1,294,871</u>	<u>2,882</u>	<u>1,297,753</u>	<u>998,547</u>

11 Lease commitments

At 31 December 2007 the Trust had annual commitments under an operating lease which expires in 2012. Currently it amounts to £211,500 per annum, with a rent review due mid-2007.

12 Related Parties

The Trustees' report explains the relationship between the Trustees of this Trust and those of the Leverhulme Trade Charities Trust. The Trust is not related to any other organisations with which the Trustees have affiliations, including Unilever.

Certain Trustees are also Trustees or Directors of other organisations which are recipients of grants from the Trust. In these instances the Trustees have declared their interest at the time of the grant approval.

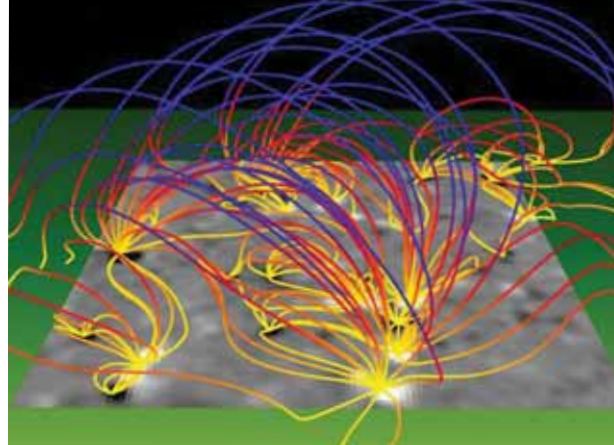
13 Commitments

At 31st December 2007 Trustees had approved the spending levels for each of the schemes amounting to £21.9m (2006: £26.5m). Individual grants will be awarded under the schemes in 2007.

14 2007 Grants awarded by institution

Institution	Number of Awards	Amount £'000
Warwick University	10	2,789
Oxford University	19	2,733
Cambridge University	15	2,492
Sheffield University	9	1,251
Liverpool University	8	1,238
Manchester University	5	1,164
Exeter University	4	1,109
St. Andrews University	5	1,097
Edinburgh University	15	1,066
Swansea University	6	1,051
Bristol University	10	1,021
York University	5	991
Southampton University	4	936
University College London	7	895
King's College London	7	827
London School of Hygiene	1	800
Leicester University	8	686
Durham University	6	679
Aberdeen University	3	656
Imperial College London	9	582
Bath University	5	557
Cardiff University	4	535
Reading University	3	518
Glasgow University	6	437
Kent University	6	430
London Queen Mary's	3	373
British Academy	1	300
Royal Academy of Engineering	1	300
Royal Society	1	300
National Youth Orchestra of Great Britain	3	281
East Anglia University	4	257
Royal Botanical Gardens, Edinburgh	2	248
Liverpool, John Moores University	1	245
Royal Northern College of Music	2	239
Bradford University	3	236
Queen's University Belfast	3	230
Nottingham University	3	226
Marine Biological Association	1	224
Natural History Museum	1	212
Newcastle University	2	212
Royal Academy of Music	2	205
Lancaster University	3	202
95 institutions below £200,000	102	5,246
Research Awards Advisory Committee	221	6,372
2007 Total Grants awarded	539	42,448

Awards in Focus





Training and Professional Development

Ms Patricia Myers, Royal Academy of Dramatic Arts

Scholarships and bursaries at RADA

Throughout its history, RADA has been at the cutting edge of drama training with many of its graduates reaching the pinnacle of their profession: Lord Attenborough; Sir Anthony Hopkins; Dame Diane Rigg; Alan Rickman; Juliet Stevenson; Richard Wilson to name but a few. The funding support received from the Leverhulme Trust has been invaluable in enabling many of its graduates to complete their training and achieve this success. Lord Attenborough, President of the Academy, was an early recipient of a Leverhulme Scholarship. In 2007/8, 19 actors and 10 technicians and specialist course students benefited from either scholarship or bursary support. Of these, seven of the acting students graduated on July 18th. All seven have agent representation and four have already achieved their first professional work, two in TV and two in theatre.

In 2007/8, RADA auditioned 2,600 candidates for just 34 places available on the Three Year BA Acting Degree Course, beginning September 2008 – a statistic that makes it the most competitive Higher Education Course in the United Kingdom.

RADA has developed innovative partnership arrangements with regional organisations and schools, which has enabled the Academy to maximise the potential of its outreach work and achieve its objective of attracting applications from low income, ethnic minority and disabled young people. As a result of this outreach work, the Academy now has many students from low and middle income families who without the support of the bursaries and scholarships that The Leverhulme Trust funds, would not be able to complete their training at the academy.

In 2007/8 The RADA Outreach programme includes:

- Regional Access Workshops
- RADA Graduate Youth Workshop Training programme
- RADA Youth Group
- RADA Saturday Youth Workshops
- RADA Graduates In Schools (Talks/workshops)
- RADA XL Workshops (workshops provided in schools specifically for children close to exclusion)
- RADA Student Productions School Tours

The RADA In Schools programme, has enabled the Academy to focus on promoting the vocational nature of the Technical and Specialist courses and the career opportunities available for graduates of these courses and is beginning to achieve successful results in attracting more diverse applications for the TTA and Specialist courses. The Leverhulme Trust funding made available specifically to provide scholarship and bursary awards for students on the Technical courses has therefore been invaluable.

It is only through the continued support of organisations such as The Leverhulme Trust that RADA will be in a position to maintain its position as a leader in its field in the future.



“Penthesilea” set designed by Katie Lias (Leverhulme scholar. Scenic Design Specialist Course. Graduated July 18th 2008)

Opposing page – “All That Fall” with Leverhulme Scholarship recipient Lauren Crace.



Electioneering posters for billionaire business man turned prime minister, Rafiq Hariri.

Study Abroad Studentship

Hannes Baumann

Citizen Hariri: Economic and symbolic power in Lebanon

The Leverhulme Trust's study abroad studentship allowed me to conduct a year of field research in Lebanon from July 2007 to June 2008. This was part of my doctorate in political science at the School of Oriental and African Studies (SOAS) in London. My topic is Rafiq Hariri, a Lebanese-born businessman who became a billionaire during the 1970s oil boom in Saudi Arabia. After the end of Lebanon's 15-year civil war in 1990, he returned to his native land and became prime minister in 1992. He occupied this post almost continuously until 2004 and set the agenda for an ambitious reconstruction project. So how did this Berlusconi of the Levant become a political leader? How did he convert his economic resources into the claim to legitimacy? What effect did his actions have on Lebanon's sectarian political culture and its unequal political economy? Did his actions reproduce these features of the political system or did they help to overcome them?

I interviewed advisors and friends of Hariri, as well as political opponents, business people, journalists, academics, and employees in his philanthropic organisations. I searched local archives and collected published socio-economic statistics. On 14th February 2005 Hariri was assassinated in a bomb blast. Competing myths about the businessman-politician have emerged: Hariri as the anti-Syrian saviour of Lebanon or as a corrupt crook only interested in self-enrichment. The former prime minister became a focal point of political debate. Spending time in Lebanon was therefore indispensable for my research. The conversations with various Lebanese made me realise how important the de-mystification of Rafiq Hariri is. Experiencing at first-hand how politically loaded social science research can be was humbling.

While putting together this complex puzzle, I was hugely grateful for the support of the Leverhulme Trust. The stipend allowed me to focus on my research, without the financial worries usually associated with a PhD. I used the research allowance to bring my Arabic to a good standard and pay for translations when necessary. What really impressed me was how responsive the Leverhulme Trust was to my needs, as well as the flexibility displayed by the Trust and its staff. The year was not always easy, not least because of the high political tension in Lebanon, which culminated in a major outbreak of violence in May 2008. I have grown as a person and as a researcher during my field research and this success would not have been possible without the generous support of the Leverhulme Trust.

Emeritus Fellowship

Professor Geoffrey New

Evolution and interaction of complex laser beams

I started my professional career as an experimentalist, completing a DPhil at Oxford in 1967 in the then-novel field of nonlinear optics, and subsequently working for six years at Queen's University Belfast. In 1973, I moved to the Blackett Laboratory at Imperial College London, where I started to build up a theoretical research group in laser physics and nonlinear optics, which has served as the base for my activities ever since. However, I have also benefited greatly from a wide range of national and international collaborations, several of which are still active.

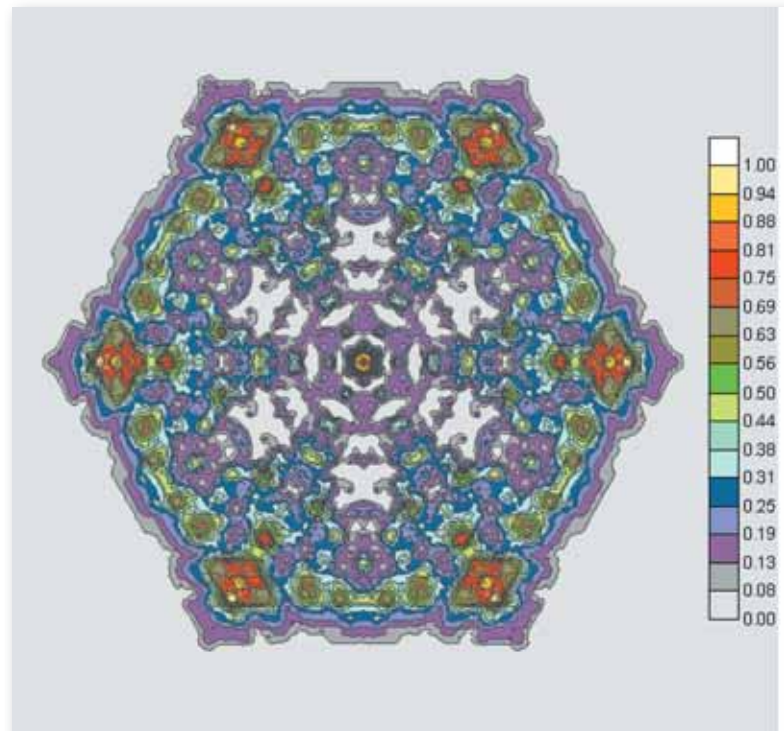
I applied for a Leverhulme Emeritus Fellowship to enable me to continue several ongoing research projects after my partial retirement in 2007, and to work on an introductory textbook on nonlinear optics. The largest component of the funds awarded is for travel, which enables me to attend international conferences without which it is impossible to remain up-to-date.

The first project concerns a nonlinear optical process known as Optical Parametric Chirped Pulse Amplification (OPCPA), which has the potential to create laser pulses of exceptionally high power. Over recent years, my group has developed computer codes for modelling OPCPA, and current work is in collaboration with a team at the Rutherford Appleton Laboratory (RAL) where large scale experiments are in progress. The present power goal at RAL is 10 PW ($= 10^{16}$ W), but substantially higher values are potentially achievable.

The second project is on the relationship between fluctuations in lasers, and fluid turbulence. Since 2000, at least seven final year Imperial students have worked on this problem as an undergraduate project, and the purpose is now to complete the work and submit a paper for publication.

The final project is on optical fractals. About 10 years ago, colleagues at the University of Leiden proposed that the EM field patterns created in unstable optical resonators exhibited fractal character, a feature that was duly confirmed in a Leiden-Imperial collaboration. Most of the work was performed in one spatial dimension, because this enables more realistic computational simulations to be performed. Two-dimensional computer codes were also developed, but time pressures meant that, apart from a short communication in Nature, none of the 2D results were ever published. The Leverhulme Fellowship will enable this to be remedied.

The picture shows the mode profile of an unstable resonator with a hexagonal internal aperture. The Fresnel number is low in this example, so the fractal character is only weakly discernible. However, the profile is visually attractive, which is not always the case when scientific results are displayed!



An unstable resonator with a hexagonal internal aperture.



Image courtesy of Stephen Selby.

A Five Dynasties archer tomb door panel excavated from Shaanxi Province (AD 907 - 960).

Research Fellowship

Dr Naomi Standen
Newcastle University

Inventing family: warlords of medieval China

After the great Tang dynasty (618-907) expired, warlords of non-Chinese origin dominated the next half-century. Ruling through personal relationships, leaders acquired inner circles of followers who were often adopted as sons or married to daughters. Regimes founded on the resulting networks were pivotal to remaking politics and society into the centralised, bureaucratic and anti-militaristic forms of the following centuries. The personal and political side of how this happened has not been much studied, and I wanted to find ways to analyse systematically the relationships that bound each follower to his leader, including an assessment – rather than an assumption – of the significance, or not, of cultural difference. Can we map what kinds of relationships were most important in building, maintaining and perpetuating ruling groups? What methods can provide evidence to reveal how unstable rule based on personal politics turned into stable governance through institutions staffed by career bureaucrats? Answering these questions will help us to understand a crucial period of transition as significant to China as the Renaissance and Reformation were to Europe.

People were linked by ties including kinship, native place, cultural background, official posts held, previous encounters, shared experiences and adoptive relationships. My focus is the network of relationships centred on one man, Liu Zhiyuan. Liu was not Chinese: he came from the Shatuo Turkish elite of Taiyuan (400km southwest of Beijing). This group dominated the period and Liu Zhiyuan founded the last of three Shatuo dynasties, the Later Han (947-950). He was tied into previous networks but as he only reigned for about twelve months he had limited time to create his own.

My method is to read the historical records about Liu Zhiyuan and his reign as a series of relationships between people, and record those links in the Chinese Biographical Database (CBDB) based at Harvard. This is extremely laborious and my fellowship has given me the time I needed to develop working methods. First, I extracted nearly 800 relationships from the official account of Liu's reign, and then added over 1600 more taken from the biographies of people who had direct relationships with Liu Zhiyuan himself. These records are the first significant and coherent body of Five Dynasties data to be added to the CBDB and extend the range of relationships represented there. The database currently emphasises links from a later period, based on educated pursuits like writing, between people who were essentially peers. The new data presents an earlier world of masters and servants, where ties were based on personal encounters. Adding further data on the same basis could let us see how much of a change there really was and when it happened.

Research Project Grants

Dr Niels Madsen
Swansea University

Magnetic trapping of antihydrogen

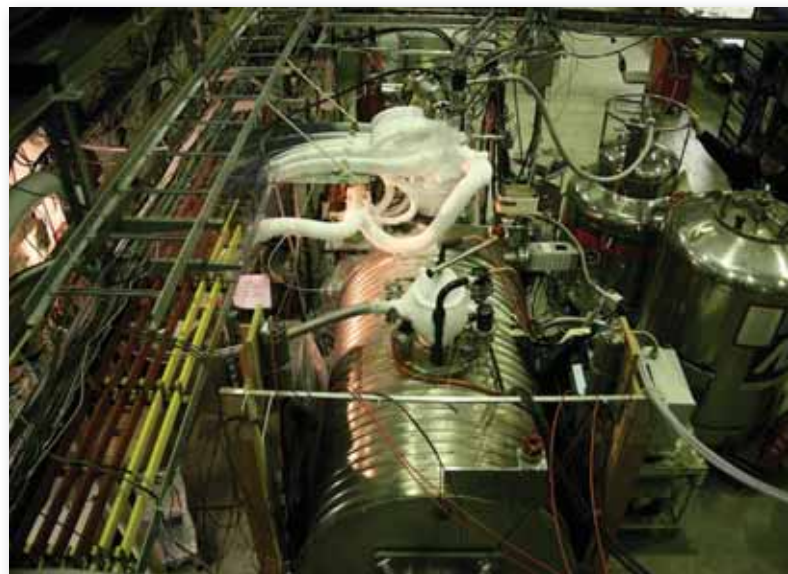
I have been funded by the Leverhulme Trust to conduct research on antihydrogen trapping using plasma control techniques. Antihydrogen is formed by merging plasmas of antiprotons and antielectrons (positrons) in vacuum. I am currently working with an international team of collaborators in a collaboration called ALPHA at CERN in Geneva, Switzerland on trying to reduce the temperature of the antihydrogen we form to temperatures where it can be trapped. In collaboration we have built a super-conducting magnetic trap that can, in principle, trap antihydrogen if sufficiently cold; a few degrees above absolute zero. Until now, the antihydrogen formed in the laboratory have been hundreds of degrees above absolute zero.

Using a novel combination of plasma control techniques to better control the merging of the two plasmas, I expect to significantly improve our chances of success. The plasmas of positrons and antiprotons rotate in the trap they are held in and by controlling this rotation we can indirectly control the temperature of the antihydrogen formed. I think that we will succeed in trapping antihydrogen in 2008 or 2009, and then I expect to move on to do the first comparisons of antihydrogen with hydrogen, the ultimate goal of this research.

Antihydrogen research aims at answering several fundamental questions about the laws of nature. According to current understanding, the universe should contain equal amounts of antimatter and matter. However, intensive investigations have lead physicists to believe that there are no bulk quantities of antimatter anywhere in the universe. Studying antimatter in detail in the laboratory is an important part of solving this puzzle. In this experiment, I work with the ALPHA collaboration on first making the simplest form of antimatter, antihydrogen, and then trapping it. By trapping it, it will be possible to study it in a level of detail not possible with other methods, and thus perhaps solve the mystery of why there is no antimatter in the universe. A second, and not entirely unrelated, problem facing physicists is that the laws of quantum mechanics, which deals with the very small, and Einstein's theory of general relativity which describes gravity and thus deals with the very large, are not compatible. This is not a problem in everyday life, but in trying to describe the extreme conditions in black holes or during the big bang, it will be necessary to use a theory that combines these laws. Antihydrogen research, because of the potential of very high precision measurements, may set new limitations or open new doors in how to address this issue, and as such antihydrogen research may have significant impact on quantum mechanics, the theoretical basis of much of the technological revolution we have gone through over the last 100 years.



Assembling of the ALPHA apparatus.



When operating the traps and super conducting magnets inside the apparatus are cooled down to 4 degrees Kelvin by bringing them in contact with liquid helium.



Male blue monkeys increase alarm call rates if other group members are in direct danger

(Photo: Florian Moellers)



Kate Arnold conducts a playback experiment with the help of a field assistant.

Research Leadership Awards

Dr Klaus Zuberbühler
University of St Andrews

Primate minds and the foundations for language

One key aspect of what it means to be human concerns our extraordinary ability to communicate about events, thoughts and emotions. For this process, we rely on a unique motor skill, speech, that enables us to rapidly assemble simple vocal units into complex utterances, the carriers of meaning. However, genetic evidence suggests that speech evolved only very recently. How exactly hominids communicated before remains unclear, but one implication is that many of the cognitive skills required for language are significantly older than speech itself, rooted deeply in the primate lineage.

Our research is based on this premise. It aims to describe the psychological infrastructure underlying primate vocal communication. Using converging methodology, we investigate monkeys, great apes and human infants. How do these different primate species use vocal signals to refer to and interpret external events? Do they have an urge to inform others? Can they assemble vocal units into more complex utterances with novel meanings? How do they learn to assign meaning?

The centrepiece of our research is a long-term study of wild chimpanzees in the Budongo Forest, Uganda. We know virtually nothing about the communication and social cognition of our closest living relatives in the wild. We describe the entire range of vocal signals produced by these primates, in order to understand the causes and consequences of their calls. We are interested in how callers take their audience into account, and to what degree the calls inform others about ongoing events. In playback experiments, we simulate naturally occurring social events by playing back recorded calls to naïve individuals. Their responses then tell us something about the meaning and function of the different call types.

A second line of research focuses on several species of monkeys in Uganda, Cote d'Ivoire, and Nigeria. Here, we are particularly interested in how individuals draw inferences from calls with ambiguous meanings, how they take danger experienced by others into account when producing calls, and how they assemble different calls into more complex sequences.

Infant studies, finally, will establish how humans produce and interpret vocal signals prior to having speech, that is, before being able to produce truly linguistic labels. This research is conducted by studying young infants in natural social settings, that is, while interacting with caretakers, peer groups and exploring the environment.

The main purpose of our research programme is to lead to a better understanding of a fundamental problem in science, that is, how and why humans evolved a unique trait, language. The cognitive apparatus upon which human language builds is phylogenetically old, and research on primate communication is in a unique and powerful position to illuminate its evolutionary origins.

An important aspect of the Leverhulme Trust's mission is to support scientific research into new and promising areas, which are often beyond the remit of other funding agencies. Our research on the origins of human language is one good example of the crucial role the Trust plays in supporting scientific advance.

Artist in residence

Dr Bergit Arends
Natural History Museum

Evacuating the Natural History Museum

Lyndall Phelps undertook a Leverhulme Trust funded residency at the Natural History Museum from January 2007 to June 2008. This residency built on the artist's initial period of research into the evacuation of Entomology, Ornithology and Zoology collections from the Museum to stately homes and country houses during the Second World War. The Museum proved a rich resource and playground for her extended residency, during which she became the first artist to explore the archives in detail. Throughout the residency Lyndall worked closely with Museum archivists, collection curators and photographers, and established links with the owners and custodians of the properties that cared for the collections.

The residency culminated in the production of two new bodies of work: the *Evacuate* installation was shown at the Natural History Museum, Tring, from December 2007 to February 2008 and *Coded Ornithology* at Babylon Gallery, Ely from March to May 2008.

Evacuate comprised two series of photographs, which reunited specimens with the places to which they were sent. In the first series, photographs of stately homes were placed in the Museum's collection areas, alongside the specimens which were evacuated to that house. The second series saw photographic portraits of the specimens re-photographed in the houses to which they were sent. It is rare that contemporary artists' works are shown at Tring, to which Lyndall's project was perfectly suited in content and format. *Coded Ornithology* arose from the artist's fascination with the Museum's bird collections and the unique coding system of coloured and numbered dots, known as spot numbers, used by the Museum's Bird Group. The exhibition consisted of photographs and works on paper.

For the artist, it was a privilege to undertake the residency as it enabled her to experience firsthand the unique world of science, museology and research. To see, hold and spend time with such an extraordinary range of specimens was a powerful and at times emotional experience for her.

Through her work Lyndall seeks to make visible again lost or forgotten histories.

The general public who visited the exhibitions appreciated the 'behind the scenes' insight into the Museum's wartime history and the ways in which the collections are cared for and catalogued. The Museum was very pleased that Lyndall drew our attention to this fairly unknown period of the Museum's life, and we hope that more interest in this history from academics, historians of art and museologists may ensue as a result.

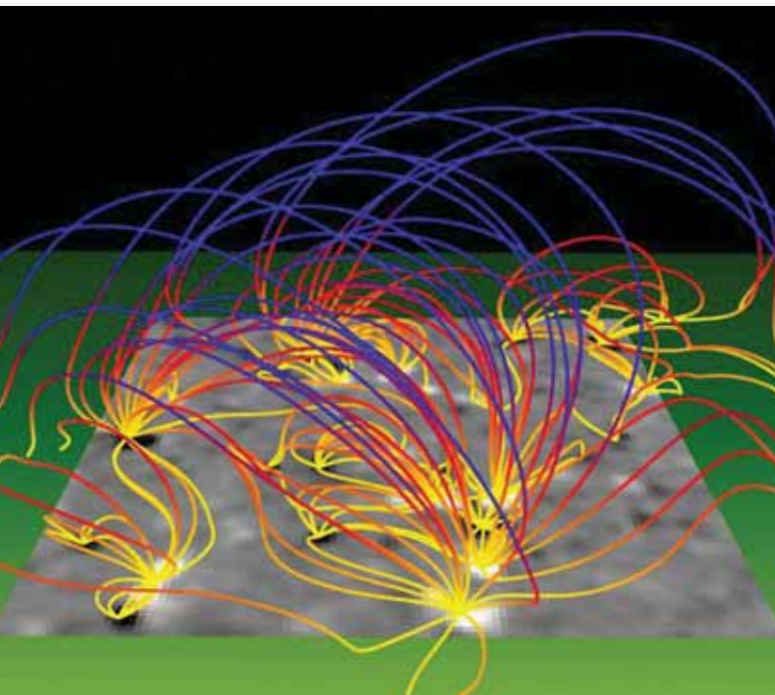


Specimens were reunited with the places where they had been stored during World War Two for the Evacuate installation.

Awards-in-Focus



Dr Clare Parnell.



Modelling showing complex magnetic loop structures extrapolated from magnetic fields observed on the surface of the Sun.

Philip Leverhulme Prize

Dr Clare Parnell
University of St Andrews

Investigating solar flares

The Sun is a giant astrophysical laboratory. As our nearest star it can be studied in unprecedented detail and has been observed 24 hrs a day every day for the past 12 years by a suite of instruments on board spacecraft that are orbiting the Sun or orbiting the Earth. This mass of solar data provides a unique opportunity to solar physicists to unravel some of the mysteries of the Sun. For instance a key unsolved problem in astrophysics is how the Sun's outer atmosphere, or corona, is heated to a million Kelvin, 200 times its surface temperature. The solar corona plays host to a range of dynamic events on a wide range of scales. The largest events are solar flares and coronal mass ejections. These massive explosions in the Sun's atmosphere blast charged particles out into space. Earth directed coronal mass ejections impact on our lives by causing damage to telecommunication satellites and disrupting power supplies. However, they also produce beautiful auroral displays at the far Northern and Southern latitudes. At the opposite end of the scale the smallest known events that may be important for heating the corona are called nanoflares and are tiny flares with nine orders of magnitude less energy than a large flare.

The corona is in the fourth state of matter, called a plasma, and is an ionised gas. Its behaviour is dominated by a subtle interaction with the magnetic field that threads it. A fundamental plasma physics process that plays a major role in such plasmas is magnetic reconnection: a process through which a magnetic field can restructure to a lower energy state, rapidly producing heat, accelerating particles and the bulk plasma. Magnetic reconnection is known to be a key process on the Sun and is believed to play a central role in the generation of solar flares, coronal mass ejections, nanoflares and heating the solar corona. Magnetic reconnection is also very important in planetary magnetospheres, as well as in astrophysics in general.

In order to further our understanding of how the corona is heated, as well as understanding the fundamental process of magnetic reconnection, I intend to use my Leverhulme Prize money to support a programme of research investigating a number of aspects of coronal fields. In particular, I will create methods to describe the incredibly complex topology of the coronal field. Also, I will develop theories and numerical experiments for the way magnetic topologies change by magnetic reconnection. This research will enable us to determine where, when and how reconnection occurs in three-dimensional magnetic fields and, hopefully, help in explaining how the solar corona is heated and solar flares are produced.

Early Career Fellowships

Robert Burroughs
Nottingham Trent University

Narratives of the African Squadron, 1807-1890

The Royal Navy established a full-time squadron off the western coast of Africa to police the slave trade in 1818, eleven years after the Abolition Act had illegalised British participation in that trade. The squadron remained active in the Atlantic until the closure of the Cuban slave market in the mid-1860s greatly reduced demand for slaves in the Americas. By the 1830s, however, an Indian-Ocean counterpart had been established, and it continued to interrupt the trafficking of slaves from East Africa into the Arabian Gulf until the end of the nineteenth century.

Historians have previously examined economic, political and diplomatic aspects of naval suppression of the African slave trade. Yet, in spite of a recent surge in cultural and literary studies of transatlantic slavery, the slave trade, and abolitionism, there has as yet been no in-depth examination of the significance of the African Squadron in British culture in the nineteenth century. The Leverhulme Trust Early Career Fellowship enables me to pursue this line of inquiry.

The lack of previous scholarship in this area is conspicuous given the abundance of contemporary publications and manuscript materials available in UK libraries and archives, which illuminate cultural dimensions of naval suppression of the slave trade. The African Squadron was represented in novels, short stories, plays, travelogues, memoirs, articles, and political pamphlets. As well as metropolitan commentators, naval personnel, slave traders and Africans liberated at sea wrote accounts of it. Authors range from obscure naval chaplains to celebrated literary figures such as Charles Dickens, whose satirical review-essay on one naval expedition in 1848 shares with numerous other writings of the mid-nineteenth century a perhaps surprising disdain for the navy's abolitionist efforts.

The major undertaking of this research project is surveying the literature pertaining to naval suppression of the slave trade, and disseminating my findings in various academic forums. The Early Career Fellowship has been particularly beneficial in enabling me to work as part of Nottingham Trent University's Centre for Travel Writing Studies, as this centre provides an excellent base from which to develop dialogues with scholars working in fields related to my own. In doing so, I aim to restore to scholarly attention a significant chapter in the histories of empire and abolition. Along the way I hope to unearth some interesting texts, which merit further analysis by literary critics and historians.



Sir Noel Paton's 'Capture of a Slave Ship' (wood-engraving, 1915 based on oil painting, 1867).



Electro-Encephalography (EEG) brain recordings measured groups of neurones firing on a millisecond by millisecond basis.

Study Abroad Fellowships

**Professor Heather van der Lely
University College London**

Investigating cognitive abilities in SLI children

As founder and director of the UCL Centre for Developmental Language Disorders and Cognitive Neuroscience (DLDCN), my research aims to understand the cause(s) and nature of language impairment in children and to further our understanding of how the brain works. Most 4 year-olds know that “*Joe pushed Bill*” and “*Who did Joe push?*” are correct sentences, but “*Who did Joe push Bill?*” is not. But approximately 2 children in every classroom will have difficulty identifying which of these sentences are correct – these children have a developmental language problem, termed “Specific Language Impairment” (SLI) but in other respects, they appear to be developing normally. Because of the dissociation between grammatical abilities and other language and cognitive abilities, investigations of SLI afford a unique window onto how human-specific brain systems develop and work

My visit to the developmental and cognitive brain sciences group at Harvard University was hosted by Professor Steven Pinker, whose work on language and cognitive science is well known. Steve and I focussed on developing an on-line 15-minute adult grammar and phonology language test that can be used in a large collaborative genetic study at Harvard and MIT. I also worked with Professors Marc Hauser, Susan Carey, Elisabeth Spelke and Jesse Snedaker among others. Marc Hauser works on what it is to be human, studying primates. Together with his colleagues, Marc and I discussed grammatical rules that are problematic for SLI children and aimed to devise non-linguistic versions of such rules that could be administered to both monkeys and children. We are currently conducting this investigation into rule learning back in the UK and are using Electroencephalography (EEG) – a non-invasive brain imaging system – to record brain responses to violations of simple abstract rules. My collaboration with Susan and Elisabeth used studies of SLI children to tease apart the impact of language on number and moral-social cognitive development. Our initial results from number, suggest that there is more independence between developing brain systems than previously thought.

My sabbatical culminated with a Workshop discussing issues surrounding “Specific language impairment and the language faculty debate”.

Apart from the new collaborative projects, my time at Harvard has made me think in new directions with respect to attention, memory, perception and abstract knowledge underpinning developing cognitive abilities. For sure, my sabbatical has provided enough “food for thought” for many years of research to come!

Awards made in 2007



Awards made in 2007

Direct Awards in 2007

Awards made directly by the Trustees.

The number in parentheses after the amount of the award is its duration in months.

RESEARCH PROGRAMME GRANTS

Law, politics, international relations

Professor Shirin Rai

University of Warwick
Gendered Ceremony and Ritual in
Parliaments: Disciplining Representation
£877,017 (48)

RESEARCH PROJECT GRANTS

Applied sciences

Dr Tamas Szekely

University of Bath
Landscape genetics of endemism – a
case study of wetland birds in
Madagascar £311,996 (36)

Dr Dave Scanlan

University of Warwick
Linking function and diversity:
exploitation of RING-FISH technology
£94,056 (24)

Dr Ik Soo Lim

University of Wales, Bangor
Visualisation of time-varying volume
data based on topological hierarchy
£65,755 (36)

Dr Juliet Vickery

British Trust for Ornithology
Towards developing sustainable,
biodiversity-rich agricultural systems in
Uganda £35,793 (9)

Dr Marilyn Deegan

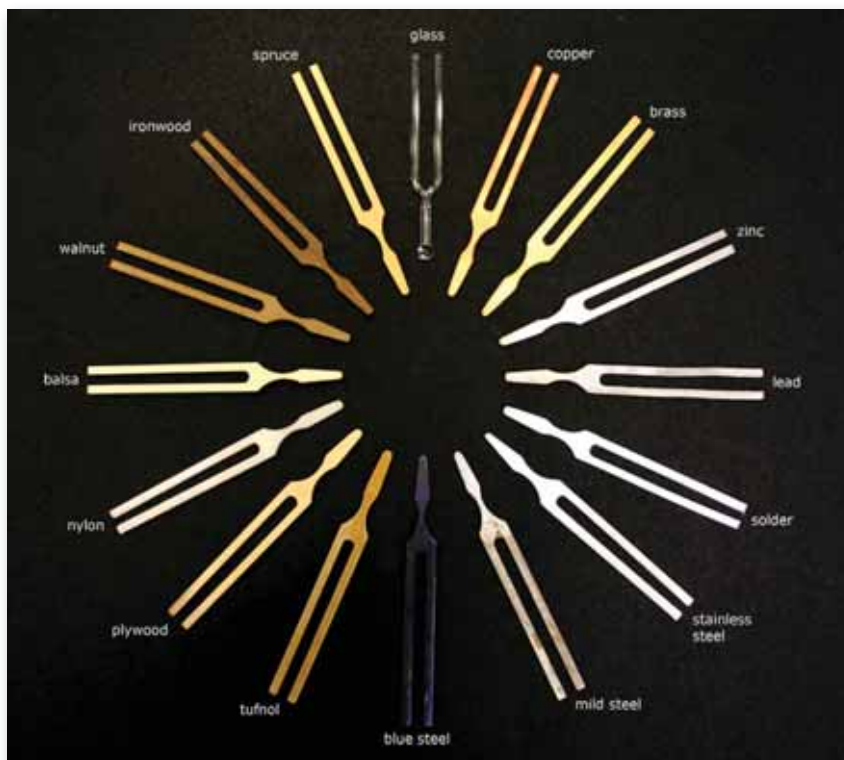
King's College London
Creating a research XML database:
Heinrich Schenker as a case study
£121,050 (36)

Professor Hong Wang

University of Manchester
Plant-wide optimization via quality data
probability density function shaping
£131,711 (36)

Dr Silvana Cardoso

University of Cambridge
Turbulent entrainment in plumes with
internal generation of buoyancy
£112,617 (36)



Tuning forks made from different materials to help Dr Mark Miodownik and his team understand the link between the physical properties of materials and their senso-aesthetic properties – in other words, how the material feels, looks, sounds, tastes or smells.

Dr Mark A Miodownik

King's College London
Towards the development of a senso-
aesthetic theory of materials
£141,122 (36)

Professor David Thomas

University of Oxford
Determining the rate of active faulting
in Iran using a novel OSL approach
£138,644 (36)

Professor Ulrich Nehmzow

University of Ulster
Robot identification £129,887 (36)

Basic sciences

Dr Andreas Baas

King's College London
Application of a vegetated dune
simulation model to real-world
landscapes £86,794 (24)

Dr Robyn Holliday

University of Kent
Interviewing the older eyewitness: out of
sight but not out of mind?
£50,498 (24)

Dr Heather A Viles

University of Oxford
Climate change, moisture regimes and
decay of stone monoliths in Southern
England £163,686 (36)

Professor T J Lyons

University of Oxford
Using rough paths to extend Ito's
methods to high order sub-elliptic PDEs
£80,301 (24)

Dr David W Sims

Marine Biological Association of the
United Kingdom
Life on the move through deep time:
has a universal search rule evolved in
animals? £224,213 (36)

Direct Awards in 2007

Dr David Middleton

Royal Botanic Garden Edinburgh
Developing interactive keys for tropical plants: ferns of Thailand

£140,871 (36)

Dr Alan W Owen

University of Glasgow
Mineral eyes – lessons from the natural world

£63,386 (36)

Professor Ian Walmsley

University of Oxford
Direct characterisation of attosecond pulses from high harmonic generation

£80,677 (24)

Professor Huw H Rees

University of Liverpool
Dealkylation of plant sterols during utilization in invertebrates

£96,178 (24)

Dr Jonathan Woolf

University of Liverpool
Partially-ordered homotopy theory of stratified spaces

£51,476 (36)

Dr Gareth Owen

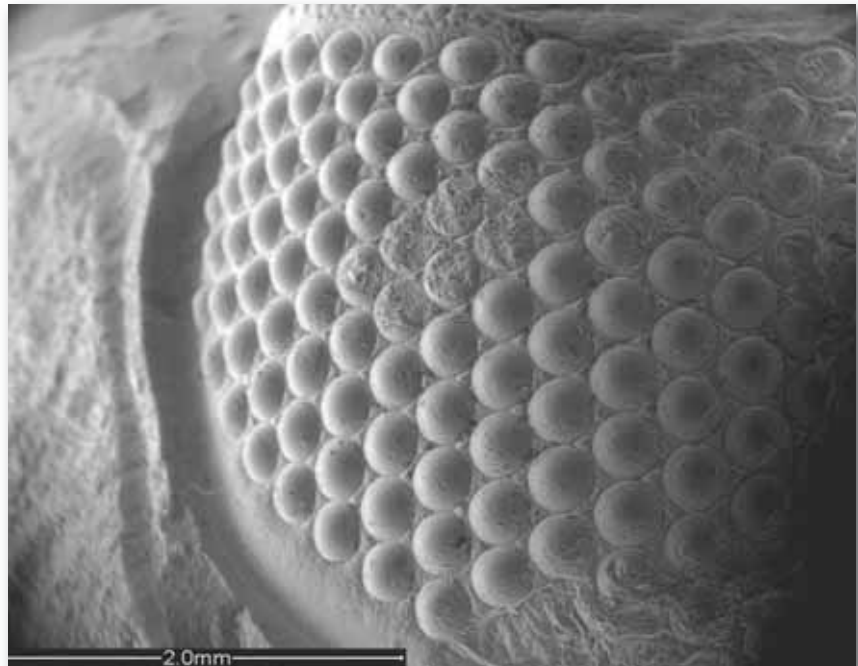
University of Bristol
Hydrogen mobility in organometallic complexes

£144,652 (36)

Professor David M Heyes

University of Surrey
Investigation of slurry flow by means of simulation and theory

£81,036 (36)



A scanning electron microscope image of the schizochroal compound eye of the trilobite *Reedops*. This type of eye is unique in the animal kingdom and consists of 70-100 biconvex lenses composed of crystalline calcium carbonate.

Dr Ramon Vilar

Imperial College London
Target-guided synthesis of metal complexes as phosphate inhibitors

£124,419 (24)

Dr Christopher Ellis

Royal Botanic Garden Edinburgh
Britain's lost biodiversity: a unique base-line for environmental recovery

£107,309 (36)

Professor Christopher Howe

University of Cambridge
Evolution the tinkerer – finding a new use for an old protein

£152,897 (36)

Dr Raman Prinja

University College London
The e-MERLIN radio astronomy revolution: developing the science support tool

£124,272 (36)

Dr Francis Jiggins

University of Edinburgh
A test of the gene-for-gene model of host-parasite co- evolution in *Drosophila*

£124,217 (36)

Dr Heather A Viles

University of Oxford
Climate change, moisture regimes and decay of stone monoliths in Southern England

£163,686 (36)

Dr Dominic McCafferty

University of Glasgow
Assessment of invasive research procedures on marine mammals: a new approach

£46,311 (12)



Dr Heather Viles researching the decay of a stone monolith on the Isle of Portland.

Awards made in 2007

Direct Awards in 2007



LULA the manned submersible used to research the deep (cold) water corals growing at a depth of between 200 and 500m around the Azores archipelago. Images courtesy of Rebikoff-Niggeler Foundation.

Dr Alex Rogers

Zoological Society of London
Deep-sea fauna of oceanic islands:
community structure and life histories
£126,280 (36)

Dr Karina Linnell

Goldsmiths' College, University of
London
Attention and eye-movement control in
reading £69,178 (12)

Dr Eugenia Valsami-Jones

Natural History Museum
The reactivity and ecotoxicity of
engineered nanoparticles
£212,417 (36)

Professor Emma Raven

University of Leicester
Watching a protein at work: structural
mobility in a heme protein
£63,134 (36)

Professor Tim Guilford

University of Oxford
Visual route cognition in flying birds
tracked by on-board video, compass
and GPS £110,809 (24)

Dr Andrew Smith

University of St Andrews
N-heterocyclic carbenes as
organocatalytic phosphoryl transfer
agents £92,220 (24)

Professor Phil Reed

University of Swansea
Mechanisms underlying transfer of
function after evaluative learning
£36,775 (12)

Dr Sven Mattys

University of Bristol
A corpus based investigation of natural
speech segmentation
£209,700 (36)

Dr Richard Holme

University of Liverpool
Modelling the Jovian magnetic field and
its variation from all available data
£53,620 (36)

Professor Bruce Hood

University of Bristol
The psychological attribution of
essences to objects
£170,283 (36)

Dr Martin Cann

University of Durham
A global biochemical mechanism for
carbon dioxide mediated enzyme
activation £104,247 (36)

Dr Lynne Sneddon

University of Liverpool
Proximate mechanisms underlying the
behavioural trait: boldness in fish
£72,072 (36)

Dr Grant Ritchie

University of Oxford
Formation and interrogation of
photonic clusters £139,909 (36)

Dr Carl Smith

University of Leicester
Host specialization and host race
formation in the European bitterling
£139,491 (36)

Professor Herbert Huppert

University Cambridge
Multidisciplinary exchange flows
£138,389 (36)

Dr Lorenzo Frigerio

University of Warwick
How are proteins sorted to storage
vacuoles in plant seeds? £138,388 (36)

Dr Ineke De Moortel

University of St Andrews
Non-linear MHD waves in coupled
systems £115,417 (36)

Dr Tony David James

University of Bath
Boronic acid receptors for carbohydrate
sensing at liquid/liquid interfaces
£76,598 (24)

Professor Richard ffrench-Constant

University of Exeter
Mullerian mimicry in Heliconius
butterflies £236,805 (36)

Dr Laura Corvinelli Bishop

Liverpool John Moores University
Taxon-free palaeontological methods for
reconstructing environmental change
£244,671 (36)

Professor Mark Viney

University of Bristol
The determinants of immune function
in wild mammals £55,518 (18)

Dr Jason Greenwood

Queen's University of Belfast
Biomolecular analysis and control using
femtosecond lasers £176,480 (36)

Dr Rachel O'Reilly

University of Cambridge
Synthesis of chiral functional polymer
nanoparticles £80,928 (24)

Professor Brian Huntley

University of Durham
Investigating the effects of volcanic ash
falls on vegetation £131,564 (36)

Professor Chris Hawes

Oxford Brookes University
Genesis of the cortical endoplasmic
reticulum in plants £160,801 (36)

Professor Mark Blaxter

University of Edinburgh
iPhy: a tool for high-throughput analysis
of phylogenetic and barcode data
£116,387 (36)

Direct Awards in 2007

Dr Michael Wilson

National Museum of Wales
Handbook to leafhopper and
planthopper vectors of plant pathogens
£106,114 (36)

Dr Rob Sturman

University of Leeds
Design principles for efficient ergodic,
chaotic mixing in a DNA microarray
£41,224 (12)

Dr Donna Lloyd

University of Manchester
Neurophysical mechanisms of somatic
awareness and disturbance
£115,954 (36)

Dr Dmitry A Filatov

University of Oxford
Speciation on Mount Etna: a multigenic
analysis of adaptation in *Senecio*
£142,968 (36)

Professor Barry Keith Carpenter

Cardiff University
Photochemical regeneration of reagents
used in CO₂ reduction and water
oxidation
£238,911 (36)

Dr Michael Brockhurst

University of Liverpool
Ecological mechanisms for the
maintenance of cooperation in
microbes
£139,901 (36)

Professor Raymond Goldstein

University of Cambridge
Microfluidics of cytoplasmic streaming
£217,731 (36)

Dr Thorsten Allers

University of Nottingham
Development of 'two-hybrid' system for
archaea, based on protein trans-splicing
£126,806 (24)

Dr Sue Healy

University of Edinburgh
The cognitive basis of nest building
£141,443 (36)

Dr Gary Jones

Nottingham Trent University
Investigating the cognitive deficits that
underlie language impairment
£101,053 (24)

Dr Franck Nicolleau

University of Sheffield
Assessment of DES against some self-
similarity properties of turbulence
£185,770 (36)

Dr Jose Ignacio Martinez

Universidad Edfit, Colombia
Past climate and variability in the
tropical zone: evidence from Lake
Cauca, Colombia
£116,575 (24)

Professor John Paul Attfield

University of Edinburgh
High pressure studies of charge
ordered materials
£153,054 (36)

Professor David Andrews

University of East Anglia
Optical control and switching of
excitation transfer in nano-arrays
£94,722 (30)

Professor Timothy H Clutton-Brock

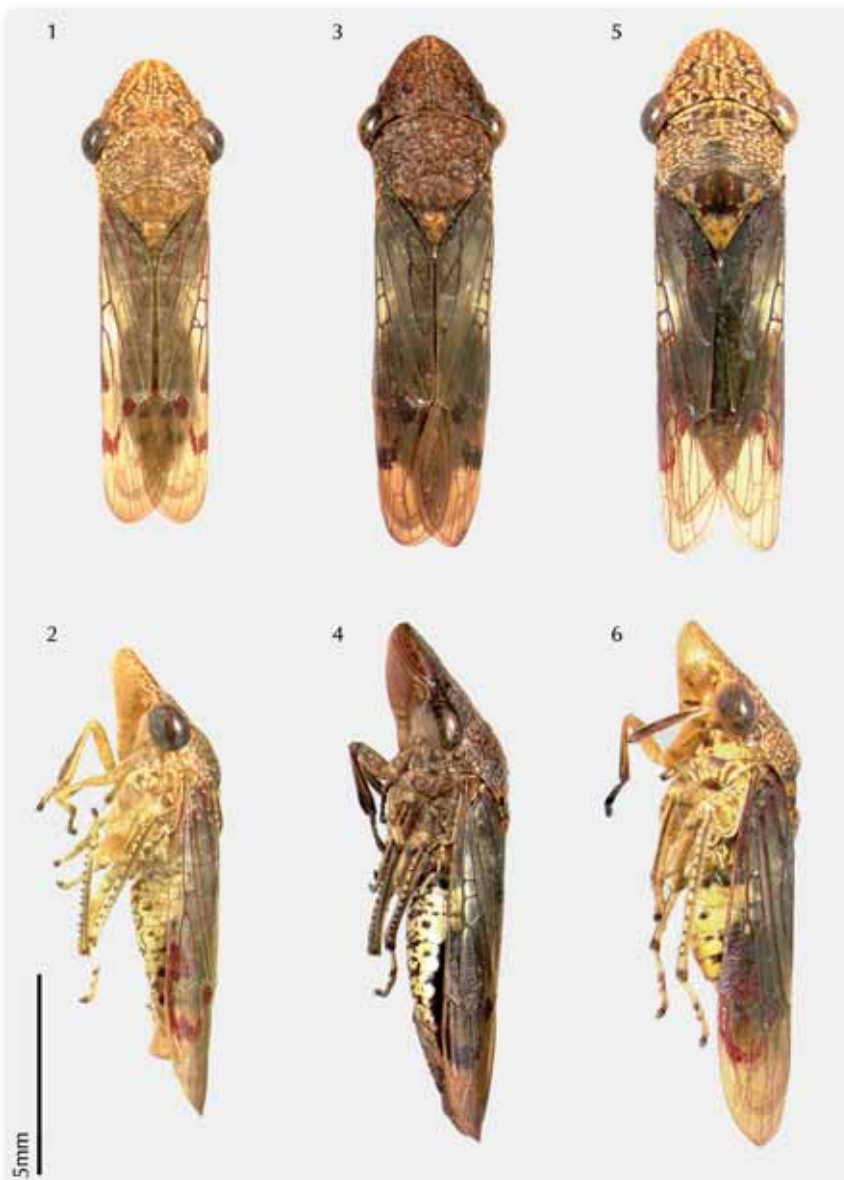
University of Cambridge
Male longevity and the evolution of kin
structure in vertebrate societies
£66,455 (36)

Dr Roland von Glasow

University of East Anglia
An investigation of multiphase
chemistry in the tropical marine
boundary layer
£95,819 (24)

Professor Lynne Roberts

University of Warwick
The role and impact of endoplasmic
reticulum-associated degradation in
plants
£139,496 (36)



The *Homalodisca vitripennis* leafhopper transmits a bacterium which is threatening the survival of the wine industry in California.

Awards made in 2007

Direct Awards in 2007

Professor John Altringham

University of Leeds
Mapping migration patterns of bats using stable isotopes and genetics
£43,055 (12)

Dr John Michael Brown

University of Oxford
The molecular nature of the catalyst in asymmetric autocatalytic Zinc alkylation
£39,930 (12)

Professor Vladimir Nikora

University of Aberdeen
Biophysics of flow-plants interactions in aquatic systems
£216,410 (36)

Professor James Hough

University of Hertfordshire
Using chiral signatures for the remote detection of life
£87,568 (24)

Professor Anthony Graham

King's College London
The existence of an embryonic opercular flap in amniotes
£98,532 (24)

Dr David Ross Carbery

University of Bath
Development of asymmetric organocatalytic hydrogenation reaction
£86,250 (24)

Professor Peter Clift

University of Aberdeen
Reorganisation of river systems and climate change as controls on the Harappan
£308,950 (36)

Economics, business studies, industrial relations

Professor Stephen Broadberry

University of Warwick
Reconstructing the national income of Britain and Holland 1270/1500 to 1850
£333,266 (36)

Professor Gary Koop

University of Strathclyde
Regime-switching and structural breaks in co-integrated macroeconomic models
£125,785 (36)

Dr Ralitzia Dimova

Brunel University
Nutritional science insights into the economics of food consumption in Bulgaria
£37,669 (12)

Professeur Miguel Martinez Lucio

University of Bradford
Social inclusion, unions and migration: the politics of inclusion in the EU
£182,244 (36)

Professor Anna Zalewska

University of Bath
Stock market participation: development, causes and implications
£68,820 (24)

Education

Dr Derek Peterson

University of Cambridge
Cambridge/Africa Research Programme
£263,661 (60)

Dr Keith Postlethwaite

University of Exeter
The thinking and practice of beginning science and mathematics teachers
£63,290 (19)

Fine and performing arts

Mr Benjamin Cook

LUX Artists' Moving Image
Associate artists programme
£97,500 (36)

Dr James Shippen

Coventry University
Establishing movement standards and injury reduction for dancers
£84,811 (36)

Humanities

Professor Malcolm Godden

University of Oxford
Boethius's De Consolatione Philosophiae and early medieval commentary
£374,481 (60)

Professor Rosemary Ashton

University College London
Bloomsbury and reform in the nineteenth century
£275,406 (36)

Professor Richard J Bradley

University of Reading
British and Irish prehistory in their European context
£393,622 (48)

Dr Richard Alan Cross

Oriel College, University of Oxford
Christ as 'external vehicle' of God's mental contents: incarnation by embodiment
£31,828 (12)

Professor Brenda Mary Hosington

University of Warwick
Renaissance cultural crossroads: an analytical and annotated catalogue of translations 1473-1640
£182,660 (36)

Dr Jon Williamson

University of Kent
Mechanisms and causality
£119,367 (36)

Professor William Beinart

University of Oxford
The exile experience of the African National Congress of South Africa
£133,505 (25)

Dr Keith M Dobney

University of Durham
Pigs, people and the Neolithisation of Europe: pigs as proxies for human dispersal
£217,341 (36)

Professor Charlotte Roueche

King's College London
Inscriptions of Roman Cyrenaica: an online corpus
£234,767 (36)

Dr Michael D Petraglia

University of Cambridge
The Toba super-eruption and its impact on human populations and ecosystems
£198,392 (36)

Professor Geoffrey Samuel

Cardiff University
Tradition and modernity in a Bonpo medical school and hospital in West Tibet
£150,256 (36)

Dr Graham Philip

University of Durham
The vanishing landscape of Syria: ground and space mapping of a diverse world
£85,886 (24)

Professor Eamon Duffy

University of Cambridge
Calendar of Papal Registers relating to Great Britain and Ireland: Registers of Pope Hadrian VI
£69,775 (24)

Direct Awards in 2007

Professor Simon Hillson

University College London
Human tooth wear in relation to recent hunter-gatherer and Palaeolithic toolkits
£124,026 (36)

Dr Alan Jeffrey Spencer

British Museum
Egyptian-Greek relations at Daphnae (Nile Delta) in the Seventh Century BC
£119,854 (36)

Dr Diana Ruth Paton

Newcastle University
Colonial rule and spiritual power: Obeah, the state and Caribbean culture
£88,328 (25)

Dr Emily R West

University of Reading
Free blacks, expulsion and enslavement in the antebellum American South
£39,063 (12)

Dr Sharif Gemie

University of Glamorgan
French & Spanish refugee cultures 1939-40: traumas, solidarities and legacies
£96,584 (36)

Professor Isabel Rivers

Queen Mary, University of London
A history of the dissenting academies in the British Isles, 1660-1860
£247,173 (36)

Professor Ian Charles Freestone

Cardiff University
Composition, corrosion and origins of medieval stained glass
£130,806 (36)

Law, politics, international relations

Dr Alan Finlayson

University of Swansea
How the leader speaks: rhetoric, argumentation and the British political speech
£91,906 (36)

Medicine, health

Dr Pierre Delmelle

University of York
Environmental exposure to volcanic fluorine and human health risk assessment
£60,764 (36)

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

Dr Mhairi Gibson

University of Bristol
The impact of a water development project on migration in rural Ethiopia
£110,336 (36)

Dr Nikos Chatzisarantis

University of Plymouth
On the origins and nature of ego-energy: effects of choice on self control
£87,890 (18)

Professor Lucy Suchman

University of Lancaster
Relocating innovation: places and material practices of future-making
£118,166 (33)

Dr Timothy Thompson

University of Teesside
The use of body modifications as a tool in human identification
£50,304 (36)

Dr Rhiannon Turner

University of Leeds
Promoting tolerance via multiple classification
£36,024 (12)

Dr Stef Jansen

University of Manchester
Transforming borders: a comparative anthropology of post-Yugoslav 'home'
£124,622 (36)

Dr Richard Mullen

University of Glamorgan
Conscious processing and motor performance: examining the part process goal paradox
£62,725 (36)

Professor Daniel Dorling

University of Sheffield
Beyond description: mapping more than nation states, what is counted, where
£123,978 (36)

Professor Roy Ellen

University of Kent
The ethnobotany of British homegardens: diversity, knowledge and exchange
£151,616 (36)

INTERNATIONAL NETWORKS

Applied sciences (including architecture)

Professor Tony Wilson

University of Oxford
Adaptive optics for the nano-fabrication of nonlinear photonic crystals
£18,699 (36)

Basic sciences

Professor Caitlin Elisabeth Buck

University of Sheffield
Studying uncertainty in palaeoclimate reconstructions: a network
£62,910 (24)

Dr Alexander A Schekochihin

Imperial College London
Magnetised turbulence in astrophysical and fusion plasmas
£95,578 (36)



Taking samples of medieval stained glass from a panel of the Great East Window, York Minster, in the conservation studio of York Glaziers Trust.

Awards made in 2007

Direct Awards in 2007

Fine and performing arts

Professor Paul A C Allain

University of Kent
Training for performance – tradition and innovation: Britain/Russia
£55,514 (24)

Humanities

Dr Ad Putter

University of Bristol
Multilingualism in the Middle Ages
£50,148 (24)

Professor Jane Caplan

St Antony's College, Oxford
The documentation of individual identity: a historical and comparative study
£46,269 (24)

Dr Anne C Haour

University of East Anglia
Making a good impression: 3500 years of pottery in the Sahara-Sahel borderlands
£43,964 (30)

Dr Miguel de Beistegui

University of Warwick
The European network in contemporary French philosophy
£77,694 (36)

Dr Richard Jones

University of Glasgow
Towards non-destructive analysis in archaeological and conservation science
£123,560 (36)

Dr Rebecca Earle

University of Warwick
Writing Republics/Seeing Nations: text and image in 19th century Spanish America
£49,620 (24)

Social studies

Dr Lucy Bland

London Metropolitan University
Identifying the parameters of the Women's Liberation Movement
£64,643 (18)

RESEARCH LEADERSHIP AWARDS

Applied sciences (including architecture)

Dr Klaus-Peter Zauner

University of Southampton
Tailoring computing paradigms to physical implementation
£789,829 (60)

Basic sciences

Dr Klaus Zuberbuhler

University of St Andrews
Primate minds and the foundations for language
£766,525 (60)

Dr Reidun Twarock

University of York
Mathematical virology: A novel approach to the structure and assembly of viruses
£715,413 (60)

Professor Matthew Baylis

University of Liverpool
Predicting the effects of climate change on infectious diseases of animals
£752,210 (48)

Professor Tavi Murray

University of Swansea
Stability of the greenland ice sheet
£799,008 (60)

Dr Peter M Topping

University of Warwick
Geometric flows
£762,418 (60)

Dr Chris Jiggins

University of Cambridge
Population genetics and evo-devo of phenotype and behaviour
£787,175 (60)

Dr Robert Peter Freckleton

University of Sheffield
Forecasting the ecological consequences of environmental change
£595,121 (60)

Dr Rein V Uljin

University of Manchester
Bio-inspired self-assembly of complex nanomaterials
£779,916 (60)

Law, politics, international relations

Dr Rana S R Mitter

University of Oxford
The persistence of conflict: China's war with Japan and its impact, memory & legacy, 1931 to the present
£800,000 (60)

Professor Gareth Robert Stansfield

University of Exeter
Ethnopolitics in a globalized world
£739,351 (60)

Social studies

Dr Wenzel Geissler

London School of Hygiene and Tropical Medicine
Trial communities
£799,722 (60)

SENIOR RESEARCH FELLOWSHIPS

Mr Stephen J Cox

Royal Society
Royal Society Leverhulme Trust Senior Research Fellowships
£300,000 (12)

Dr Robin Jackson

British Academy
British Academy Leverhulme Trust Senior Research Fellowships
£300,000 (12)

Mr Keith Davis

Royal Academy of Engineering
Royal Academy of Engineering Leverhulme Trust Senior Research Fellowships
£300,000 (12)



Non-destructive analysis of an icon using laser induced breakdown spectroscopy.

Direct Awards in 2007

MAJOR RESEARCH FELLOWSHIPS

Basic sciences

Professor Patrick Haggard

University College London
Body and self: roles of sensory perception and voluntary action
£139,225 (36)

Professor Simon Schaffer

University of Cambridge
British astronomy and colonial projects
£88,642 (24)

Economics, business studies, industrial relations

Professor Sheilagh Ogilvie

University of Cambridge
Social Capital and History
£145,080 (36)

Fine and performing arts

Professor David Peters Corbett

University of York
Landscape, City and Identity in American Painting 1850-1913
£87,363 (24)

Professor David Ekserdjian

University of Leicester
The Italian Renaissance Altarpiece: Between Icon and Narrative
£133,304 (36)

Dr Ardis Butterfield

University College London
The Origins of English Song
£145,114 (36)

Humanities

Professor Janette Dillon

University of Nottingham
The language of space in court performance 1400- 1625
£79,398 (24)

Professor Andrew Laird

University of Warwick
The culture of Latin in colonial Mexico: Creole humanism and native memory
£134,314 (36)

Professor Hew Strachan

University of Oxford
The First World War
£107,375 (36)

Professor George Bernard

University of Southampton
Church building in late medieval and early modern England
£115,824 (36)

Professor Avner Offer

University of Oxford
From social democracy to market liberalism, c. 1970-2011
£112,187 (36)

Professor Robert Stern

University of Sheffield
Autonomy, Self-Legislation, and Moral Realism
£92,214 (24)

Professor Anthony Milton

University of Sheffield
England's Second Reformation: The Battle for the Church of England 1636-66
£134,735 (36)

Professor Max Saunders

King's College London
A Study of the 'To-day and To-morrow' Book Series
£74,532 (24)

Professor Helen Beebe

University of Birmingham
Free Will: A defence of compatibilism
£90,743 (24)

Professor Douglas Cairns

University of Edinburgh
Emotion, language, and society in classical Greece
£152,138 (36)



A page from the Book of Medicinal Herbs of the Indians. The lost Nahuatl original was translated into Latin in 1552 by Juan Badiano, an indigenous scholar at the 'Indian College' of Santa Cruz in Tlatelolco, north of Mexico City.

Awards made in 2007

Direct Awards in 2007



Professor George Bernard, standing in front of the magnificent late medieval screen and rood loft in Partrishow Church, Breconshire.

Professor George Hugo Tucker

University of Reading
The Mosaic of Words: the cento as a genre and concept in Early Modern Europe

£85,176 (24)

Professor Marijke Van der Veen

University of Leicester
Seeds of Change: new foods, societies and agriculture in NW Europe, AD1-1500

£142,697 (36)

Dr George Garnett

University of Oxford
The Norman conquest of England: A history of its history

£71,915 (24)

Law, politics, international relations

Professor Kevin Gray

University of Cambridge
Giving, taking, and restoring: the dynamics of modern property

£134,680 (36)

Professor Arthur Aughey

University of Ulster
The British synthesis: Identity and artifice in a multi-national union

£126,167 (36)

Professor Stephen White

University of Glasgow
Managed democracy

£121,385 (36)

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

Professor Michael Bradshaw

University of Leicester
Global energy dilemmas: A geographical analysis

£133,422 (36)

Professor William Outhwaite

Newcastle University
Europe in the second post-communist decade

£123,465 (36)

Professor Stefan Brink

University of Aberdeen
Landscape Interfaces: Water as mediator

£130,917 (36)

ARTISTS IN RESIDENCE

Dr Magnus L Johnson

University of Hull
Artist in Residence: Mr C Vear

£12,000 (10)

Ms Jeanie McNulty

Queen Elizabeth Hospital
Artist in Residence: Ms R Wingfield

£12,000 (9)

Mr John Holsburt

Dimbola Lodge
Artist in Residence: Mr D Robertson

£10,550 (12)

Ms Sarah Morton

University of Edinburgh
Artist in Residence: Ms R Gibson

£11,880 (12)

Professor Stephanie Moser

University of Southampton
Artist in Residence: Mr G Breeze

£12,000 (10)

Dr Dr Fabos

University of East London
Artist in Residence: Ms Marie Ange Bordas

£10,800 (8)

Professor Chris Philo

University of Glasgow
Artist in Residence: Mr Andrew Mulholland

£11,887 (12)

Mr Tim Goodhead

University of Portsmouth
Artist in Residence: Mr Jonathan Adams

£12,000 (10)

Professor Susan Manning

University of Edinburgh
Artist in Residence: ONG Ken Sen

£12,000 (12)

Mr Michael Molnar

Freud Museum
Artist in Residence: Mr Michael Arditti

£11,688 (10)

FINE AND PERFORMING ARTS EDUCATION

Mr Conor Mitchell

Youth Music Theatre: UK
Generator programme for assistant directors, musical directors/composers and choreographers

£39,000 (36)

Mr Bruce Sansom

Central School of Ballet
Bursaries for BA(Hons) in Professional Dance

£64,455 (36)

Dr Colin Beeson

Royal Northern College of Music
RNCM Junior Fellows

£180,000 (36)

Ms Nina Camilleri

National Youth Orchestra of Great Britain
NYO educational open days

£128,225 (36)

Ms Nina Camilleri

National Youth Orchestra of Great Britain
Professor of Conducting, Annual Masterclass Day Programme & Ensemble Masterclass Day Programme

£133,344 (36)

Direct Awards in 2007

Dr Sally Mackey

Central School of Speech and Drama
Applying theatre: training through outreach £87,780 (36)

Mr Julian Clayton

National Youth Orchestra of Scotland
NYOS Futures & NYOS Strings £48,000 (36)

Ms Karen Gallagher

Merseyside Dance Initiative
Dance incentives £8,220 (12)

Professor Jonathan Freeman-Attwood

Royal Academy of Music
Annual Fine and Performing Arts Bursaries £109,000 (12)

Mr John McNamara

Elmhurst School for Dance
Classical ballet and related dance styles – three year senior programme £70,000 (36)

Professor Jonathan Freeman-Attwood

Royal Academy of Music
Leverhulme Chamber Music Awards and Composition Fellowship £95,603 (36)

Ms Patricia Myers

Royal Academy of Dramatic Art
Annual Fine and Performing Arts Bursaries £50,000 (12)

Dr Colin Lawson

Royal College of Music
Annual Fine and Performing Arts Bursaries £105,000 (12)

Mr Rodney Cottier

London Academy of Music and Dramatic Art
Annual Fine and Performing Arts Bursaries £25,000 (12)

Professor David Saint

Birmingham Conservatoire
Annual Fine and Performing Arts Bursaries £25,000 (12)

Ms Nina Camilleri

National Youth Orchestra of Great Britain
Annual Fine and Performing Arts Bursaries £19,000 (12)

Mr Derek Aviss

Trinity College of Music
Annual Fine and Performing Arts Bursaries £78,000 (12)

Professor Seona Reid

Glasgow School of Art
Annual Fine and Performing Arts Bursaries £46,000 (12)

Mr Maurice Cockrill

Royal Academy Schools
Annual Fine and Performing Arts Bursaries £50,000 (12)

Dr Colin Beeson

Royal Northern College of Music
Annual Fine and Performing Arts Bursaries £59,000 (12)

Dr Anita Donaldson

Trinity Laban
Annual Fine and Performing Arts Bursaries £46,000 (12)

Mr Gurmit Hukam

Northern School of Contemporary Dance
Annual Fine and Performing Arts Bursaries £59,000 (12)

Mr Tim Roberts

Circus Space
Annual Fine and Performing Arts Bursaries £13,500 (12)

Mr Edmond Fivet

Royal Welsh College of Music and Drama
Annual Fine and Performing Arts Bursaries £34,000 (12)

Professor Phillip J Jones

Cardiff University
Annual Fine and Performing Arts Bursaries £15,500 (12)

Mr David Littler

London Printworks Trust Ltd
Annual Fine and Performing Arts Bursaries £10,000 (12)

Mr Roger Clarkson

National Children's Orchestra of Great Britain
Annual Fine and Performing Arts Bursaries £20,000 (12)

Mrs Lesley Paterson

National Youth Orchestra of Scotland
Annual Fine and Performing Arts Bursaries £46,000 (12)

Ms Lucy Davies

Royal National Theatre
Annual Fine and Performing Arts Bursaries £34,000 (12)

Mr A Peter Crook

Purcell School
Annual Fine and Performing Arts Bursaries £27,000 (12)

Professor Iain Borden

University College London
Annual Fine and Performing Arts Bursaries £18,000 (12)

Mr Derek Warby

European Union Youth Orchestra
Annual Fine and Performing Arts Bursaries £17,000 (12)

Mr Antony Dowson

English National Ballet School
Annual Fine and Performing Arts Bursaries £37,000 (12)



Junior music and access studies bursaries at the Royal Welsh College of Music and Drama.

Awards made in 2007

Direct Awards in 2007

Mrs Helen Hayes

Pro Corda Trust
Annual Fine and Performing Arts
Bursaries £22,000 (12)

Ms Stephanie Ahern

London Studio Centre
Annual Fine and Performing Arts
Bursaries £30,000 (12)

Ms Diana Fraser

Friends of Drama Centre London
Annual Fine and Performing Arts
Bursaries £23,000 (12)

Ms Julie Ferris

Dartington Hall Summer School of Music
Annual Fine and Performing Arts
Bursaries £10,000 (12)

Professor Barry W Ife

Guildhall School of Music and Drama
Annual Fine and Performing Arts
Bursaries £143,000 (12)

Ms Stephanie Anderson

Arvon Foundation
Annual Fine and Performing Arts
Bursaries £20,000 (12)

Ms Anita Crowe

Aldeburgh Music
Annual Fine and Performing Arts
Bursaries £24,000 (12)

Professor John Wallace

Royal Scottish Academy of Music and Drama
Annual Fine and Performing Arts
Bursaries £54,000 (12)

Mr Nik Powell

National Film & Television School
Annual Fine and Performing Arts
Bursaries £40,000 (12)

Mr Alan Selby

Royal College of Art
Annual Fine and Performing Arts
Bursaries £20,000 (12)

Ms Kathryn Wade

Royal Ballet School
Annual Fine and Performing Arts
Bursaries £27,000 (12)

NON-FINE & PERFORMING ARTS EDUCATION

Professor David Latchman

Birkbeck College
Bursaries for part-time students
£55,000 (12)

Mr Peter Moore

City Literary Institute
The City Lit 2007/8 Bursary Scheme
£4,000 (12)

Mr Mervyn Brooker

Bolton School
Assisted places at Bolton School 2007/8
£125,000 (12)

Ms Sibylla Tindale

University of Cape Town Trust
Early career development fellowships
£83,300 (36)

VISITING FELLOWSHIPS

Each university receives two grants of £26,750 over 12 months.

Professor Mark C Cleary

University of Bradford £26,750 (12)

Professor Richard B Davies

University of Swansea £26,750 (12)

Dr George Holmes

University of Bolton £26,750 (12)

Professor Merfyn Jones

University of Wales, Bangor
£26,750 (12)

Sir Michael Richard

University of the Arts London
£26,750 (12)

Professor Martin Everett

University of East London £26,750 (12)

Professor Robert Burgess

University of Leicester £26,750 (12)

Professor Brenda M Gourley

Open University £26,750 (12)

Professor David Melville

University of Kent £26,750 (12)

Professor Peter Gregson

Queen's University of Belfast
£26,750 (12)

Professor Seamus McDaid

University of the West of Scotland
£26,750 (12)

Professor Christine Hallett

University of Stirling £26,750 (12)

TECHNOLOGY TRANSFER PRIZES

Professor R J Schotting

Utrecht University
Clogging processes in unconsolidated aquifers near water supply wells
£50,000 (24)

Dr Guido Van den Ackerveken

Utrecht University
DMR technology for the generation of downy mildew resistant crops
£50,000 (24)



Dr Mireille van Damme from Utrecht University researching downy mildew resistant crops.

Direct Awards in 2007

Professor K Kopinga
Eindhoven University of Technology
Model scale podded propulsors
£50,000 (24)

Professor J Morreau
Leiden University Medical Centre
Genotyping and chromosomal
instability analysis in archival tumours
£50,000 (24)

VISITING PROFESSORSHIPS

Applied sciences (including architecture)

Professor Johanna Moore
University of Edinburgh
Professor Judith Litman £60,492 (10)

Dr Peter Gregor
University of Dundee
Dr Vicki L Hanson £11,550 (5)

Professor Philip John
Cranfield University
Dr Joseph Kasser £35,300 (8)

Basic sciences

Professor Nigel Mason
Open University
Professor Jan Skalny £55,420 (10)

Professor Randall Parrish
University of Leicester
Professor Peter Jonathan Patchett
£20,160 (8)

Professor Stuart West
University of Edinburgh
Professor Peter D Taylor £7,200 (5)

Dr Joanna Morgan
Imperial College London
Dr Richard Grieve £53,484 (6)

Professor R Grimshaw
Loughborough University
Professor Efim Pelinovsky
£67,500 (10)

Dr Ian Farnan
University of Cambridge
Dr Eric Raymond Vance £8,700 (4)

Dr Uwe Grimm
Open University
Professor Michael Baake £25,340 (8)

Professor Rasmitta Raval
University of Liverpool
Professor Philip Hofmann £50,637 (6)

Dr Mark Haskins
Imperial College London
Professor Nikolaos Kapouleas
£41,200 (6)

Professor Christopher Hull
Imperial College London
Professor Ezra Getzler £36,300 (9)

Dr Jared Tanner
University of Edinburgh
Professor Dr. Hans G. Feichtinger
£18,786 (6)

Dr Farideh Honary
University of Lancaster
Professor Nikolay Borisov £13,350 (6)

Professor P Raithby
University of Bath
Professor Malcolm H Chisholm
£13,650 (4)

Dr Stefano Moretti
University of Southampton
Professor Abdelhak Djouadi
£18,106 (6)

Professor Margaret Snowling
University of York
Professor Rebecca Treiman
£56,989 (10)

Professor Martin Plenio
Imperial College London
Professor Subhash Chaturvedi
£40,148 (6)

Fine and performing arts

Professor Lucia Nagib
University of Leeds
Professor Ismail N Xavier £8,300 (3)

Professor Ralf Yarrow
University of East Anglia
Professor Satish Vasant Alekar
£22,369 (3)

Dr Adrian Armstrong
University of Manchester
Professor Martine Joly £11,788 (3)

Humanities

Dr Jay Prosser
University of Leeds
Professor Krishna Sen £41,499 (8)

Professor Deirdre Wilson
University College London
Professor Dan Sperber £69,110 (10)

Professor Susan Fitzmaurice
University of Sheffield
Professor Terttu Nevalainen
£22,269 (4)

Professor Gregory Currie
University of Nottingham
Professor Jenefer M Robinson
£19,944 (4)

Dr Mark White
Queen Mary, University of London
Professor Eric Foner £56,188 (6)

Law, politics, international relations

Dr Clare Hemmings
London School of Economics and
Political Science
Professor V Spike Peterson
£30,064 (4)

Medicine, health

Professor Christopher Kennard
Imperial College London
Stanley B Prusiner M.D. £51,090 (7)

Professor Roger Watson
University of Sheffield
Professor Li-Chan Ling £17,300 (6)

Dr Heather Wilkinson
University of Edinburgh
Professor Steven R Sabat
£7,980 (3)

Social studies

Dr Tony Crook
University of St Andrews
Dr James Frederic Weiner
£52,716 (10)

Professor Elizabeth Ettorre
University of Liverpool
Professor Donald Light £21,996 (3)

Professor Mark Griffin
University of Sheffield
Professor Boris Kabanoff
£16,400 (3)

Awards made in 2007

Philip Leverhulme Prizes

The Philip Leverhulme Prizes were set up for outstanding young scholars of substantial distinction and promise. In 2007, the Trustees were pleased to announce the following winners:

Dr F Stepanek
Imperial College London
Chemical engineering – particle technology £70,000 (24)

Dr Emma Gilby
University of Cambridge
17th Century French literature £70,000 (24)

Dr Julian Jones
Imperial College London
Biomaterials and tissue engineering £70,000 (24)

Dr Oliver E E Pooley
Oriel College, Oxford
Philosophy of spacetime physics £70,000 (24)

Dr Philip Best
University of Edinburgh
Astrophysics: AGN and galaxy formation £70,000 (24)

Dr Harriet Bulkeley
University of Durham
Environmental politics and policy £70,000 (24)

Dr Duncan H Pritchard
University of Edinburgh
Epistemology £70,000 (24)

Dr Jeremy O'Brien
University of Bristol
Quantum technology £70,000 (24)

Dr Clare Parnell
University of St Andrews
Solar physics £70,000 (24)

Dr Andrew Shepherd
University of Edinburgh
Climate change £70,000 (24)

Dr Richard W Scholar
Oriel College, Oxford
Early modern French thought £70,000 (24)

Dr David M Alexander
University of Durham
Observational cosmology £70,000 (24)

Professor Sondipon Adhikari
University of Swansea
Probabilistic engineering mechanics £70,000 (24)

Dr Steven C J Cummins
Queen Mary, University of London
Health geography £70,000 (24)

Dr Christian List
London School of Economics and Political Science
Decision theory / political philosophy £70,000 (24)

Dr Jemma L Wadham
University of Bristol
Low temperature biogeochemistry, glaciology £70,000 (24)

Dr William Percival
University of Portsmouth
Cosmology £70,000 (24)

Dr Nicholas McDowell
University of Exeter
Early modern English literary and cultural history £70,000 (24)

Dr Sandra Pott
King's College London
Modern German literature £70,000 (24)

Dr Rodrigo G. Cacho
University of Cambridge
Spanish and Italian literature of the renaissance and baroque £70,000 (24)

Dr Robert John Mayhew
University of Bristol
Historical geography £70,000 (24)

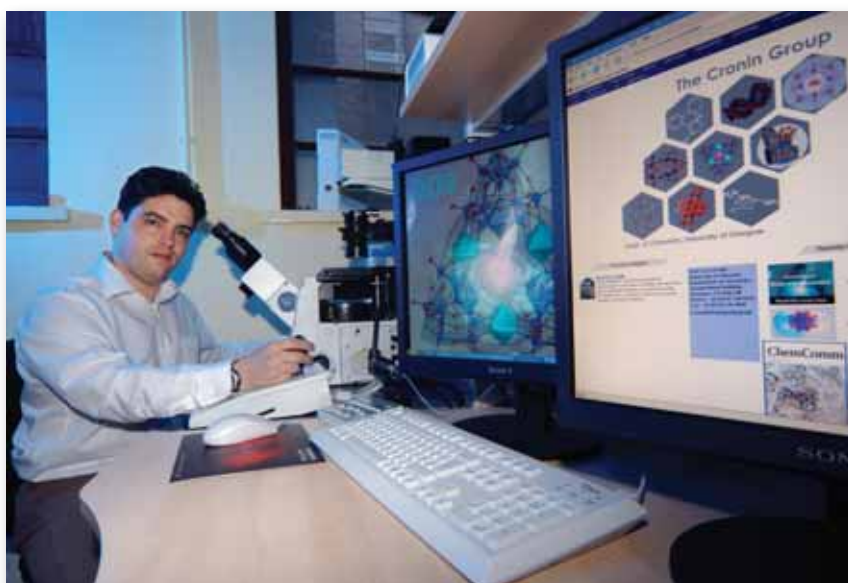
Professor Leroy Cronin
University of Glasgow
Molecular engineering of inorganic architectures £70,000 (24)

Dr Hannes Leitgeb
University of Bristol
Philosophical logic £70,000 (24)

Dr Matthew Bevis
University of York
English literature £70,000 (24)

Dr Alison Stone
University of Lancaster
European philosophy £70,000 (24)

Dr Joseph Holden
University of Leeds
Hydrology £70,000 (24)



Molecular engineering of inorganic architectures

RAAC Awards

The Trustees have approved the following awards to individuals under schemes administered by their Research Awards Advisory Committee:-

RESEARCH FELLOWSHIPS

Viral Acharya PhD

Professor of Finance
London Business School
Private equity and corporate governance

Robert Ackrill PhD

Reader in European Economics
Nottingham Business School
Nottingham Trent University
Sugar policy reform in the EU and Australia

Harith Alani PhD

Senior Research Fellow, Electronics and Computer Science
University of Southampton
Content based searching and ranking of medical ontologies

Marcus Allen PhD

Lecturer in Cell and Developmental Biology
University of Kent
Building an electro-chemical synapse in the central nervous system of *Drosophila*.

Tom Allen LL.M

Professor of Law
Durham University
Property as a human right: the European experience

Robert Appelbaum PhD

Senior Lecturer, Department of English and Creative Writing
Lancaster University
Terrorism before the letter: literatures of political violence in Britain and France, 1559-1660

Alex Argenti-Pillen PhD

Lecturer in Medical Anthropology
University College London
Kurdish women, Islamic public spheres and trans-national civil society in North London

David Atkinson PhD

Senior Lecturer, School of Biological Sciences
University of Liverpool
Towards a new metabolic theory of ecology



Interviewing Bedouin ladies from the desert area of Oman. The interview formed part of a three month visit to focus on the lives of Omani women.

Tim Bale PhD

Senior Lecturer in Politics
University of Sussex
The Conservative Party from Thatcher to Cameron

Shulamith Behr PhD

Senior Lecturer in German Twentieth-Century Art
Courtauld Institute of Art, University of London
Meidner in exile and the cycle 'Suffering of the Jews in Poland' (1942-1945)

Tansin Benn PhD

Associate Professor/Senior Lecturer,
School of Education
University of Birmingham
Women in Oman: education, training and teaching

John Bennett DPhil

Professor of Economics
Brunel University
Investment by West African firms

Birgit Beumers DPhil

Reader in Russian Studies
University of Bristol
Animated Russia

Rosalind Blakesley DPhil

Senior Lecturer in History of Art and Fellow of Pembroke College
University of Cambridge
Painting and patronage in Imperial Russia

Barbara E Borg PhD

Professor of Classical Archaeology
University of Exeter
Between crisis and ambition: mentality change in third century AD Rome

John Brewer MSc

Professor and Head of Department of Sociology
University of Aberdeen
The sociology of peace processes

Dermot Cavanagh PhD

Lecturer in English Literature
University of Edinburgh
Shakespeare and the mourning play

Mark Chaplain PhD

Chair in Mathematical Biology
University of Dundee
Mathematical modelling of the metastatic spread of cancer

Awards made in 2007

RAAC Awards

Sarah Colvin DPhil

Mason Chair of German
University of Edinburgh
Liberation? Prison writing in West Germany

Andrew Dawson DPhil

Lecturer in Religious Studies
Lancaster University
Santo Daime (CEFLURIS) in Brazil

Matthew Dimmock PhD

Lecturer in English
University of Sussex
Fabricating Muhammad

Peter Doerner Dr.rer.nat

Senior Lecturer, Institute for Molecular
Plant Sciences
University of Edinburgh
Micro RNA function in plant phosphate
signalling

Mary Dove PhD

Reader in English
University of Sussex
The Bible in English: its earliest
advocates

Ian Dryden PhD

Professor of Statistics
University of Nottingham
Stochastic modelling and inference for
medical image analysis

Tibor Dunai Dr.rer.sc.

Senior Lecturer, Geomorphology
University of Edinburgh
Consolidation of cosmic ray nuclide
systematics

Joshy Easaw PhD

Lecturer in Economics
University of Bath
Micro-foundations of households
forming subjective expectations about
the macro-economy: the role of 'news'

Mette Eilstrup Sangiovanni PhD

Lecturer in International Studies
University of Cambridge
Power in transition: integration and the
peaceful transformation of regional
order

Stuart Elden PhD

Reader in Political Geography
Durham University
Kant's geography

Elizabeth Ezra PhD

Senior Lecturer in French
University of Stirling
French cinema, exoticism, and
commodity culture, 1895–1962

Y T Feng PhD

Reader, School of Engineering
University of Wales Swansea
Development of a stochastic discrete
element modelling framework

Rachel Foxley PhD

Lecturer in Early Modern History
The University of Reading
Gender, democracy, and the republican
tradition

Jonardon Ganeri DPhil

Professor of Philosophy
University of Liverpool
Philosophy in early modern India c.
1300-1650 AD: a time of innovation and
assimilation

Paul Garner PhD

Cowdray Professor of Spanish
University of Leeds
Weetman Pearson in Mexico, 1889-1919

Andrew Gilbert PhD

Associate Professor, Applied
Mathematics
University of Exeter
Complex singularities in ideal fluid flow

Susan-Mary Grant PhD

Professor of American History
Newcastle University
Civil war veterans and the
reconstruction of the American nation

Darren Halpin PhD

Reader in Public Policy
Robert Gordon University
Interest group organisations: case-study
analysis

Paul Hammond PhD FBA

Professor of Seventeenth-Century
English Literature
University of Leeds
Milton's complex words

Christopher Harper-Bill PhD

Professor of Medieval History
University of East Anglia
Acta of the Archbishops of Canterbury,
1207-78

Margaret Healy PhD

Senior Lecturer in English,
University of Sussex
Shakespeare, alchemy and the creative
imagination

Marion Hersh PhD

Senior Lecturer, Department of
Electronics and Electrical Engineering
University of Glasgow
Mobility for blind people: new strategies
and solutions

Andrew Hodson PhD

Senior Lecturer, Department of
Geography
University of Sheffield
Microbial colonisation of Earth's polar
ice sheets

Clare Jackson PhD

College Lecturer in History
Trinity Hall, University of Cambridge
A biography of Sir George Mackenzie of
Rosehaugh

Jane Kingsley-Smith PhD

Lecturer in English
Roehampton University
Cupid in England, 1557-1634

Kimberly Kirkpatrick PhD

Senior Lecturer, Department of
Psychology
University of York
The neurobiology of time perception

David Lamb PhD

Personal Chair, Swansea Medical Centre
University of Wales Swansea
Dissecting a bifunctional cytochrome
P450 in streptomycetes

Phillip Lawler PhD

Professor, School of Business and
Economics
University of Wales Swansea
Central bank transparency and
monetary policy

Jason Lawrence DPhil

Lecturer in English
University of Hull
Tasso's afterlives

Henry Leese PhD

Professor of Biology
University of York
Origins of sex differences in childhood
disorders

RAAC Awards

Rebecca Loncraine DPhil

Freelance Literary Biographer
L Frank Baum and the myth of modern America

Scott Lucas PhD

Professor of American Studies
University of Birmingham
US foreign policy beyond the war on terror

Scott Mandelbrote MA

Official Fellow, College Lecturer and
Director of Studies in History
Peterhouse, University of Cambridge
The Septuagint in early modern Europe

Robert Maniura PhD

Lecturer in the History of Art
Birkbeck College, University of London
Praying with images in the Renaissance

Josie McLellan DPhil

Lecturer in Modern European History
University of Bristol
Love in the time Communism: East
German sexualities

Andrew McRae PhD

Professor of Renaissance Studies
University of Exeter
English literature and domestic travel,
1500-1700

Thomas Meagher PhD

Professor of Plant Biology
University of St Andrews
Matching population biology to policy
need in conservation of biodiversity

Panu Minkkinen LL.D

Professor of Law
University of Leicester
Ius maiestaticum: law, sovereignty and
knowledge

Darren Monckton PhD

Professor of Human Genetics
University of Glasgow
Modelling unstable DNA in myotonic
dystrophy

Daisy Neijmann PhD

Halldór Laxness Lecturer in Icelandic
Language and Literature
Department of Scandinavian Studies
University College London
War in mind: wartime memory in
postwar Icelandic literature

Remigius Nwabueze LL.M SJD

Lecturer, School of Law
University of Southampton
Biomedical research in developing
countries

Catherine Osborne PhD

Reader in Philosophy
University of East Anglia
Plato on knowledge and truth

Leonid Parnovski PhD

Reader in Mathematics
University College London
Periodic and limit-periodic pseudo-
differential operators

Christopher Perry PhD

Reader in Environmental Sedimentology
Manchester Metropolitan University
Structure and palaeoecology of turbid-
reef zones

Claudio Piga DPhil

Reader in Economics, Department of
Economics
Loughborough University
Pricing and yield management by a low
cost airline

Elena Piletska PhD

Research Fellow
Cranfield University
Formation of microgels by living
polymerisation approach

Don Pollacco PhD

Reader in Astrophysics
Queen's University Belfast
Detecting terrestrial-mass extra-solar
planets

Ingrid Pollard MA

Associate Research Fellow
Centre for Urban and Community
Research
Goldsmiths, University of London
The spectre of the black boy: race,
haunting and the public house sign

Roland Potthast PhD

Lecturer in Mathematics
University of Reading
Inverse electromagnetic scattering for
molecular and cellular biology

Rosalind Pritchard DPhil

Professor of Education
University of Ulster
Gender inequality in British and
German universities

Wyn Rees PhD

Professor of International Security
University of Nottingham
Contrasting homeland security: the US,
EU and Australia

Elsbeth Reid MA DipLP

Senior Lecturer in Law
University of Edinburgh
Personality, confidentiality and privacy
in Scots law

Jeffrey Richards DLitt

Professor of Cultural History
Lancaster University
The relationship between cinema and
radio, 1920-1960

Jane Ridley DPhil

Reader in History and Senior Tutor
University of Buckingham
A biography of King Edward VII, 1841-
1910

Mark Roberts PhD

Professor of Mathematics
University of Surrey
The geometry of spacecraft attitude
control

Helen Saibil PhD FRS

Bernal Professor of Structural Biology,
Department of Crystallography
Birkbeck College, University of London
Structural basis of the cell stress
response

Richard Scholar DPhil

Fellow and Tutor in French
Oriental College, Oxford
Montaigne and the art of free-thinking

Chandak Sengoopta PhD

Reader, School of History, Classics and
Archaeology
Birkbeck College, University of London
The three worlds of Santyajit Ray

Naomi Standen PhD

Senior Lecturer in Chinese History
Newcastle University
Inventing family: warlords of medieval
China

Gareth Stansfield PhD

Reader in Middle East Politics
University of Exeter
Between Kurds, Turkmens and Arabs:
managing Kirkuk

Awards made in 2007

RAAC Awards

Peter Stirk PhD

Senior Lecturer, School of Government and International Relations
Durham University
The politics of military occupation

Riet van Bremen PhD

Senior Lecturer in Ancient History
University College London
Neoi: A study of cultural and institutional change

Jacobus van Loon PhD

Lecturer in Astrophysics
Keele University
Getting to know our Milky Way from studies of M33

William Walker MSc

Professor of International Relations
University of St Andrews
Nuclear weapons and international order

Geoffrey Wall BPhil

Reader in Modern French
University of York
The Other Flaubert: Achille-Cléophas, 1784-1846

Ya Ping Wang PhD

Reader in Urban Studies
Heriot-Watt University
Urban sprawl and landless farmers in China

Victoria Wass PhD

Senior Lecturer, Cardiff Business School
Cardiff University
The pattern and stability of occupational pay, 1979-2007

Janet Watson PhD

Professor of Arabic and Linguistics
University of Salford
Mehri: grammar, texts and glossary

Carol Watts DPhil

Senior Lecturer in Eighteenth-Century and Contemporary Literature
Birkbeck College, University of London
The loss of America: loyalism and Empire

Stuart White PhD

University Lecturer and College Tutor
University of Oxford
The challenge of religious accommodation

Adrian Whitehouse DPhil

Reader in Molecular Virology
University of Leeds
Understanding non-classical roles of the nucleolus

James Wilkinson PhD

Lecturer in Organic Chemistry
University of Salford
Asymmetric synthesis of diarylmethane derivatives

Jon Williamson PhD

Lecturer in Philosophy
University of Kent
In defence of objective Bayesianism

David Wootton PhD

Anniversary Professor of History
University of York
The life of Galileo



A portrait of Galileo. This famous image was last seen in 1960 when it was donated by an anonymous private owner who lived in Denmark, since that time its location has not been known.

Claudia Wulff PhD

Lecturer in Mathematics
University of Surrey
Exponential error estimates for PDEs and their discretizations

Xiaodong Yang PhD

Lecturer in Law
University of Aberdeen
State liabilities for military activities abroad

STUDY ABROAD FELLOWSHIPS

Oonagh Corrigan PhD

Lecturer, School of Law and Sciences
University of Plymouth
Socio-ethical aspects of biomedical technologies

Karen Henderson MA

Senior Lecturer in Politics
University of Leicester
Teaching and researching Europeanisation

Virinder Singh Kalra PhD

Senior Lecturer in Sociology
University of Manchester
Developing migration and diaspora studies in Pakistan

Andrew Linn

Professor of the History of Linguistics
University of Sheffield
Shaping language policy – the Norwegian experience

Clive Oppenheimer PhD

University Reader, Department of Geography
University of Cambridge
Degassing of Erebus volcano: models and impacts

Robert M Page PhD

Reader in Democratic Socialism and Social Policy
University of Birmingham
The US Democratic Party and Labour's social policy

Sanzidur Rahman PhD

Senior Lecturer in Rural Development, School of Geography
University of Plymouth
Performance evaluation of high quality rice producers in Thailand

Peter Symonds PhD

Professor of Mathematics
University of Manchester
Galois module theory of coordinate rings

Heather van der Lely PhD

Professor of Developmental Language Disorders and Cognitive Neuroscience
University College London
Developing collaborations investigating cognitive abilities in SLI children at Harvard University, Department of Psychology

RAAC Awards

Michael Wayne PhD

Reader in Film and Television Studies
Brunel University
Documentary film-making and social change

Andrew Whiting PhD

Reader in Chemistry
Durham University
Novel developments in asymmetric catalytic methods

STUDY ABROAD STUDENTSHIPS

Hannes Baumann BSc MSc

Citizen Harari: economic and symbolic power in Lebanon – *Lebanon*

Victoria Fishlock BSc

Spying on social arenas: forest elephant behaviour – *Republic of Congo*

Olaf Henricson-Bell BA

A Master's in international affairs – *Switzerland*

Timothy Jukes BA MA

Town, court and architecture in medieval Hungary – *Austria*

Hannah Marcinowicz LRAM BMus

Saxophone studies with an international soloist – *France*

Samuel Merrill BA

A Master's in world heritage studies – *Germany*

Elizabeth Metcalfe BSc MSc

Validation of MODIS data for southern Africa – *South Africa*

Caroline Muthuri LLB

A Master's in international humanitarian law – *Switzerland*

Daniel Nixon BA

A Master's in global studies focusing on Sino-Japanese relations – *Japan*

Harriet Over BA MSc

Imitation, joint attention and analogical mapping – *Germany*

Nial Peters BA MSci

Nightside polar cap patch investigation – *Norway*



One of the potential hazards facing Nial Peters as he researches polar night caps in the skies above Svalbard, Norway.

Sarah Pett BA

A research Master's in South African literature – *South Africa*

Abilene Pitt MA

The World Bank as a governance agent in Argentina – *Argentina*

Anna Rieckmann BSc MSc

Compensatory mechanisms in the aging brain – *Sweden*

William Sweet BA MSt

Late-medieval English Chaucerians as innovators – *Canada*

Francesca Thompson BMus

Advanced performance study in the recorder and Baroque flute – *the Netherlands*

Michelle Thorn BSc

Human-carnivore conflict in South Africa – *South Africa*

Samuel Walker BA

Master of international affairs, majoring in international development economics – *France*

Lydia Westcombe-Evans BMus

A postgraduate violin course – *Austria*

EMERITUS FELLOWSHIPS

Professor Michael Adler PhD

Taking administrative justice seriously

Professor Roy Armes PhD

Issues in African filmmaking

Dr Jeffrey Ashcroft PhD

The writings of Dürer: translation and commentary

Professor Jonathan Bard PhD

The computational identification of gene function in mouse embryo systems

Professor Geoffrey Burnstock PhD DSc FRS

Purinergic signalling in embryonic stem cells

Mr Andrew Charlesworth MA MS

Everyday lives in exceptional places: Majdanek

Professor Roger Cowley PhD FRS FRSE

Neutron scattering and quantum excitations in solids

Sir Barry Cunliffe CBE FBA MA PhD LittD

The Najerilla post-excavation project

Professor Roger Davidson PhD

Study of sexuality and Scottish governance, 1950-80

Professor Christie Davies PhD

Jokes and targets, a comparative analysis

Professor Geoffrey Duxbury PhD FRSE

Controlling molecules with chirped coherent light

Professor Noel Entwistle PhD Fil.Dr DEEd

Exploring the nature of academic understanding

Professor David Epstein PhD FRS

Deconvolution via Markov chain Monte Carlo methods

Dr G B Henning PhD

Auditory cues from 'frozen' noise experiments

Professor William Hill OBE PhD DSc FRS FRSE

Genetic analysis of phenotypic variation

Professor Kenneth King PhD

China as a re-emerging education donor in Africa

Professor Jean La Fontaine PhD

Child witches in London: beliefs and practices

Awards made in 2007

RAAC Awards



Searching for African carnivore spoor.
Michelle Thorn, BSc - Human-carnivore conflict in South Africa.

Professor Howell Lloyd OBE DPhil

The life and work of Jean Bodin, 1529-96

Professor David Loades PhD LittD

English naval history, 1547-1603

Professor Anthony Lodge PhD

The municipal account-books of Montferrand (Puy-de-Dome), 1380-1388

Professor Susan MacGregor PhD

The politics of drugs: global and local influences

Professor Geoff New DPhil

Evolution and interaction of complex laser beams

Professor Marilyn Palmer PhD

Technology, social structure and the English country house

Professor Robert Raiswell PhD

Bioavailable nanoparticulate iron in icebergs

Professor Michael Redhead PhD FBA

God, belief and explanation: a book on intelligent design theorists

Professor Jim Reed MA FBA

Light in Germany

Professor John Rex PhD DSc

Review of urban research on ethnic relations in Birmingham

Professor David Stafford PhD

The Special Operations Executive in Italy, 1943-45

Professor Christopher Steel PhD DSc FRSE

'Lifestyle' responses to familial breast cancer

Professor Reinhard Strohm Dr.phil FBA

The Classicist Ideology: Music and Culture in 17th- and 18th- century Europe

Professor Howard Thomas PhD DSc

Widening access to a body of research on plant genetics

Professor Andrew Thomson DPhil FRS

Electron spins as probes of biological structures

Professor William Twining DCL FBA

Human Rights: Southern Voices

Professor Margaret Walsh PhD

Gender and American automobility since the Second World War

Professor Ruth Whitehouse PhD

Archive and analysis of aerial photographs

Dr David Woolley PhD

Synchronisation of sperm flagella

EARLY CAREER FELLOWSHIPS

Filipe Abdalla MPhys DPhil

Department of Physics and Astronomy
University College London
The next generation of cosmological surveys

Ximena Alarcón BA MA PhD

Institute of Creative Technologies
De Montfort University
Linking urban soundscapes via commuters' memories

Konstantin Ardakov MMath PhD

School of Mathematical Sciences
University of Nottingham
Algebraic structure of Iwasawa algebras

Helen Asquith BA MA PhD

Department of Classics
University of Nottingham
Ovid's *Metamorphoses* and Hellenistic listing

Bogdan Babych BA MPhil PhD

Centre for Translation Studies
University of Leeds
Discovering translation strategies in comparable corpora

Michael Bacon BSc MSc PhD

Department of Politics and International Relations
Royal Holloway, University of London
A pragmatist theory of deliberative democracy

Jennifer Baird BA MA PhD

School of Archaeology and Ancient History
University of Leicester
Communities on the frontier

Duncan Bell BA MPhil PhD

Centre of International Studies
University of Cambridge
Empire, democracy and the geopolitical imagination

Mark Berry MA MPhil PhD

Faculty of History
University of Cambridge
A history of political music-drama since Wagner

John Bothwell BA DPhil

The Marine Biological Association
Genetic loci for sex determination in brown algae

RAAC Awards

Emily Boyd BSc MSc PhD

Environmental Change Institute
University of Oxford
Theorising carbon markets and development

Rebecca Braun BA DPhil

School of Cultures, Languages and Area Studies
University of Liverpool
The making of the author in Germany's media age

Sandy Budden BA MA

Archaeology, School of Humanities
University of Southampton
Learning strategies and cultural transition

Robert Burroughs BA MA

Department of English
Nottingham Trent University
Narratives of the African Squadron, 1807-1890

Ken Catchpole BSc PhD

Nuffield Department of Surgery
University of Oxford
Improving safety and quality in surgical care

Nicholas Chare BA MA PhD

Department of History of Art and Architecture
The University of Reading
Hearing Francis Bacon's paintings

Richard Checketts BA PhD

School of Fine Art, History of Art and Cultural Studies
University of Leeds
The art theory of the Third Earl of Shaftesbury

Janine Clark LLB MA PhD

Department of International Politics
University of Wales, Aberystwyth
Religious and judicial paths to peace-building

Jonathan Conlin BA MA PhD

History, School of Humanities
University of Southampton
Race and evolution in work of Charles Kingsley

Almar de Ronde Drs PhD

Department of Earth Sciences
University College London
Metastability of the Earth's deep crust



Dr de Ronde and the 1000 tonne press that he uses to apply pressure and temperature to rock samples to reproduce conditions deep in the Earth's crust.

Szonya Durant MSci MRes PhD

Department of Psychology
Royal Holloway, University of London
Neural response to visual motion in natural scenes

Rachel Exley BSc PhD

Centre for Molecular Microbiology and Infection
Imperial College
Intracellular behaviour of *Neisseria meningitidis*

Christopher Finlayson MSci PhD

Department of Physics, Cavendish Laboratory
University of Cambridge
Next generation supramolecular optoelectronics

Jonathan Fish BA MA PhD

Department of Sociology
University of Birmingham
Theorising altruisms for the twenty-first century

Katharine Glover MA MSc

School of History and Classics
University of Edinburgh
Polite society in eighteenth-century Scotland

Ian Greig BA MSc PhD

Department of Chemistry
University of Bath
Mechanistic studies of carbohydrate-active enzymes

Shan He BSc MSc PhD

School of Computer Science
University of Birmingham
Social insect inspired communication networks

Ruth Hemus BA MSc PhD

French, School of Modern Languages, Literatures and Cultures
Royal Holloway, University of London
Writing, gender and identity in the avant-garde

Eve Hepburn BSc MA MRes

School of Social and Political Studies
University of Edinburgh
Regional dynamics of party competition

Joanna Herbert BA MA PhD

Department of Geography
Queen Mary, University of London
Oral histories of Ugandan Asians in Britain

Mark Hogarth BSc MSc MPhil PGCE PhD

Department of Philosophy
University of Glasgow
Natural philosophy of Malament-Hogarth spacetimes

Catherine Hume BA MA PhD

Department of English
University of Bristol
The vernacular Bible in late medieval verse

Joanna Huntington BA MA PhD

School of Historical Studies
Newcastle University
Heroes from histories

Emily Jeremiah BA MA PhD

German, School of Modern Languages, Literatures and Cultures
Royal Holloway, University of London
Nomadic identities and aesthetics

Kirstin Kerr BA PhD

School of Education
University of Manchester
Local policies to tackle educational disadvantage

Kevin Killeen BA MA PhD

School of English
University of Leeds
The political Bible in Early Modern England

Awards made in 2007

RAAC Awards

Young Mi Kim BA MA MSc PhD

School of Social and Political Studies
University of Edinburgh
Confucianism, politics and democracy
in East Asia

Elizabeth Kramer BA MA PhD

Department of Historical Studies
Newcastle University
The material culture of mania

Tiziana Leone Laurea PhD

Department of Social Policy
London School of Economics
Estimation of socio-economic
differentials of maternal mortality from
census data

Andrew Livingstone MA MSc PhD

School of Psychology
Cardiff University
Social identity, action and emotion in
Wales

Graham Macklin BA PhD

School of Arts and Media
University of Teesside
The rise of white racial nationalism

Ann Matchette BA MA PhD

Centre for Renaissance and Early
Modern Studies
Queen Mary, University of London
The inequality of things: value in Italy
1400-1650

Sinéad Moynihan BA MA PhD

School of American and Canadian
Studies
University of Nottingham
Aristocracy of skins: negotiating race in
contemporary Irish and Irish-American
culture

Kevin Oliver BSc PhD

Department of Earth Sciences
Open University
Tidal dissipation and glacial ocean
circulation

Adrian Pabst BA MSc DEA DUET MPhil PhD

Department of Theology and Religious
Studies
University of Nottingham
Civic Engagement, redistribution and
democracy

Phil Parvin BA MA PhD

Department of politics
University of Cambridge
Theology, democracy and rival sources
of sovereignty

Silvia Pressel BSc PhD

School of Biological and Chemical
Sciences
Queen Mary, University of London
New perspectives in desiccation biology

Jessica Reinisch BA MSc PhD

School of History, Classics and
Archaeology
Birkbeck College, University of London
Refugees and reconstruction in Europe,
1945-1955

Holger Schnädelbach DipArch MArch PhD

Department of Computer Science and
Information Technology
University of Nottingham
Adaptive architecture

Fred Schurink MA MA DPhil

School of English Literature, Language
and Linguistics
Newcastle University
Translation, politics and society in Tudor
England

Robert Soria BSc PhD

Department of Space and Climate
Physics
University College London
The impact of black holes on their
environments

Farina Sterneke BA MA PhD

Department of Archaeology
University of Glasgow
Apprenticeship in European Paleolithic
societies

Peter Stokes BA BE PhD

Department of Anglo-Saxon, Norse and
Celtic Studies
University of Cambridge
Computer-based analysis of scribal hands

Lise Storm BA MA PhD

Department of Politics
University of Exeter
Party systems and democracy in the
Maghreb



Located 2km down a Canadian nickel mine the SNO+ detector is a huge sphere of liquid scintillator which emits a flash of light when particles interact in it. The amount of light, detected by thousands of ultra-sensitive light sensors, tells us the energy of each interaction.

Elizabeth Washbrook BA MSc PhD

Department of Economics, Finance and
Management
University of Bristol
Poverty and child development in the
US and the UK

Thomas Webb BSc PhD

Department of Animal and Plant
Sciences
University of Sheffield
The macroecology of changing marine
ecosystems

Jeanne Wilson MPhys DPhil

Department of Particle Physics and
Astronomy
University of Oxford
Fundamental measurements of
neutrino mixing

Ross Wilson BA MA PhD

Faculty of English
University of Cambridge
'Immortal verse' in British Romantic
poetry

Christopher Witzenrath MA PhD

Department of History
University of Aberdeen
Power, distance and redeeming captives
in Muscovy

Photographs from award recipients

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Dr Mark A Miodownik, King's College London
Towards the development of a senso-aesthetic theory of materials.

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Dr Heather A Viles, University of Oxford
Climate change, moisture regimes and decay of stone monoliths in Southern England

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Dr Alan W Owen, University of Glasgow
Mineral eyes – lessons from the natural world

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Dr Alex Rogers, Zoological Society of London
Deep-sea fauna of oceanic islands: community structure and life histories

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Dr Michael Wilson, National Museum of Wales
Handbook to leafhopper and planthopper vectors of plant pathogens

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Professor Ian Charles Freestone, Cardiff University
Composition, corrosion and origins of medieval stained glass

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Dr Richard Jones, University of Glasgow
Towards non-destructive analysis in archaeological and conservation science

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Professor Andrew Laird, University of Warwick
The culture of Latin in colonial Mexico: Creole humanism and native memory

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Professor George Bernard, University of Southampton
Church building in late medieval and early modern England

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Mr Edmond Fivet, Royal Welsh College of Music and Drama
Junior music and access studies bursaries

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Dr Guido Van den Ackerveken, Utrecht University
DMR technology for the generation of downy mildew resistant crops

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Professor Leroy Cronin, University of Glasgow
Molecular engineering of inorganic architectures

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Dr Tansin Benn, University of Birmingham
Women in Oman: education, training and teaching

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Dr David Wootton, University of York
The life of Galileo

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Nial Peters
Nightside polar cap patch investigation – Norway

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Michelle Thorn
Human-carnivore conflict in South Africa – South Africa

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Dr Almar de Ronde, University College London
Metastability of the Earth's deep crust

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Jeanne Wilson, University of Oxford
Fundamental measurements of neutrino mixing

The Leverhulme Trust in 2007

Leverhulme Trust staff in 2007

Carolyn Allen	Science Writer
Jane Andrews	Applications Administrator (until September 2007)
Jeremy Bloom	Grants Administrative Officer (from April 2007 until November 2007)
Richard Brook	Director
Jean Cater	Grants Manager
Michael Cranny	Grants Administrative Officer (from February 2007)
Anne Dean	Assistant Director
Matt Dillnutt	Applications Administrator (from October 2007)
Gillian Dupin	Personal Assistant to the Director
May Everett	Administrative Assistant – Finance
Bridget Kerr	Senior Administrative Officer (until March 2007)
Lynn Oliver	Finance Manager
Francis Peel	Communications Officer
Emily Pickering	Grants Administrative Officer (from November 2007)
Paul Read	Director of Finance
Michael Shilling	Support Services Assistant
Beryl Thomas	Administrative Assistant – Finance
Nicola Thorp	Senior Administrative Officer – Grants