ISAAC NEWTON TRUST

ANNUAL REPORT

COVERING THE PERIOD

1ST JULY 2011- 30TH JUNE 2012

VOLUME XXII

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PATRON

H.R.H. the Prince of Wales

TRUSTEES

Professor N O Weiss (Chairman)

Professor S Collini

Professor D T Fearon

Professor S Franklin

Professor R J Mair (from 1st October 2011)

Professor D McKitterick (from 1st February 2012)

Professor S C Ogilvie

Professor M R E Proctor (to 1st February 2012)

Professor Lord Rees

Professor AM Strathern

Professor G Winter

OFFICERS

Professor J P Parry (Director)
Dr C T Morley (Treasurer)

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INTRODUCTION

This report to the Council of Trinity College covers the period from 1st July 2011 to 30th June 2012. The body of the report lists for the period new research grants approved by the Trustees and developments in the main schemes of the Trust. The audited Trust accounts for the year ended 30th June 2012 are given as Appendix 1.

Following the implementation throughout the University of the Charities Act 2006, it has been agreed by the Trustees, by the University and by Trinity College that the Trust continues to be exempt from regulation by the Charity Commission as it is a body 'administered by or on behalf of the [University of Cambridge] and is established for the general purposes of, or any special purpose of or in connection with, the [University].' For regulatory purposes it now falls under the remit of the University, which acts as its sub-regulator, with HEFCE as its Principal Regulator. Consequently Annual Reports are now also sent to the University's Director of Finance, for information and discussion.

A full account of the Trust's activities in earlier years may be found in Annual Reports volumes I to XXI. A summary of grants made by the Trust over the last 5 years (July 2007 to June 2012) is given in this report as Appendix 4.

Professor Robert Mair CBE FREng FRS was appointed as a Trustee by Trinity College Council for a period of 3 years beginning 1st October 2011. He took over as Chairman from September 1st 2012 following the retirement of Professor Nigel Weiss FRS on that date.

The Master and Vice-Master of Trinity College are Trustees *ex officio*. In February 2012 Professor Michael Proctor completed his term as Vice-Master and his place as a Trustee was therefore taken by Professor David McKitterick, who took up the role of Vice-Master at that time.

Professor Lord Rees retired as Master of Trinity College and therefore also as a Trustee at the end of the period of this report, on June 30th 2012. Professor Sir Gregory Winter was reappointed as a Trustee by Trinity College Council for a period of three years beginning 18th January 2012, but will from October 2012 continue as an *ex officio* Trustee due to his new role as Master of Trinity College. At the year-end there was therefore a vacancy for a Trustee in the Physical Sciences.

The Trust maintains a website (www.newtontrust.cam.ac.uk) that gives up-to-date details of the Trust schemes. There is also a separate dedicated website for the Cambridge Bursary Scheme, now expanded to include the Cambridge European Bursary Scheme and the Graduate Course in Medicine Bursary Scheme

AIMS AND OBJECTIVES OF THE TRUST

To promote education, learning and research in the University of Cambridge.

FINANCIAL AND STRATEGIC OVERVIEW

Income and expenditure

The accounts in Appendix 1 are presented in SORP format for the first time, as agreed by the Trustees in the course of the year. These accounts will also be published on the Trust's website.

Expenditure exceeded income this year, as planned, leading to a fall in the Trust's assets which was exacerbated by a slight decline in the value of its investment portfolio.

Trinity College agreed to sustain its annual rolling donation to the Trust but at the standard level of £2.5m, awarded in 2006 and 2007, rather than at the higher level of £2.8m which had been granted in the last four years. In addition, as usual, the Trust received investment income and donations, mainly for bursaries but also for its Opportunities Fund which offers research grants to early career lecturers. Details of donations, made either through Trinity College or through the Cambridge University Development Office, are given in note 1 to the Accounts (Appendix 1, p.12).

The income figures in the accounts are inflated by the inclusion of the University's contribution to the costs of the Cambridge Bursary Scheme (75% of the total cost of the scheme). Each autumn the Director estimates the sum due from the University in the coming year and this sum is received each December in time to pay out the great majority of bursaries each January. The money is processed through a ring-fenced account and there is an annual reconciliation of the account. The estimate presented to the University for the current year is reproduced on p.30 and the details of the ring-fenced account are given in notes 10 and 12 to the accounts.

A clearer summary of the general financial situation of the Trust is given in Table 2 (p.8), which sets out the working management accounts. It summarises total annual income and expenditure over the last five years and estimates the future expenditure to which the Trust is currently committed. The estimates are speculative both as to amount and to timing. They include all the grants that the Trust has approved, though experience suggests that some 25% of these grants will not, in the event, be taken up, either because circumstances change or because matching conditions have not been met.

Trust expenditure can be divided into three categories: on research; on the Cambridge Bursary Scheme; and on University and College teaching and other miscellaneous activities.

Total expenditure on research grants in the year 2011-12 was £2.06m, plus £0.23m on the Leverhulme Early Career Fellowships scheme and smaller sums on the Small Research Grant and Research Fellowship Schemes. The total of £2.37m is marginally below last year's record expenditure by the Trust on research. Application numbers for the main research grant scheme have fallen back: there were 87 applications during the year, compared to 109 last year. This appears to be a result of the tighter criteria implemented by the Trustees over the last couple of years, combined by greater understanding of them among Heads of Department. Trustees encourage applications which will boost the Department or research group's longer-term strategy and profile, and applications from Principal Investigators at an early stage in their careers. In normal circumstances they discourage applications from senior academics who have already gained substantial programme grants or equivalents. Where there is an absence of external funding they normally expect to see some matching internal funding as a signal of Departmental commitment to the project. Departments seem increasingly to appreciate these priorities. Application success rates this year were 67% (64% last year).

The Trust's new Small Research Grant Scheme for the Humanities continues to work well, and has been extended for a further three years (see p.20). The Trust has also begun payments under its Research Fellowship scheme for Colleges (see p.21), which will be reviewed next year.

For clarity's sake Table 2 reduces the costs of the Cambridge Bursary Scheme to a net figure, after all payments and receipts. The net cost of the Scheme to the Trust this year, from its various accounts, is £1.331m. As noted in last year's accounts, the Council of Trinity College has supported the Trust's suggestion that there is no longer a clear need to maintain a separate Bursaries Endowment Fund, and it has been agreed to pay the Trust's total contribution to annual bursary expenditure from it entirely, thus running it down completely over the next six years or so. This process will begin from 1 July 2012, by charging to the Bursaries Endowment Fund the net cost in the previous year, rather than making a set percentage transfer of the assets of the BEF as has been done in previous years.

Included in bursary expenditure this year for the first time is a small grant for an Internship Bursary Scheme run by the University Careers Service. The first report on this scheme will appear in next year's Report.

The Trust's expenditure on its other schemes (for CHESS graduate studentships, for CTOs, for College post-doctoral fellowships and for vacation community support) has continued at predictable levels, totalling £459,000. Each is discussed in subsequent pages of the Report. The Trust has also now begun its annual payments to the University to support ten new University Lectureships in the Humanities Schools. Six positions began in October 2011, with four starting in 2012. However the first payment was made in August, and so will feature in next year's Accounts. The cost will average £500,000 a year, for five years.

Current plans and future strategy

The Trust has been actively involved in discussions with the University's Research Strategy Office about offering better research support for University Lecturers. As a result it has agreed to support two new research grant schemes for early career Lecturers in the four science Schools, which aim to some degree to replace and enhance funding that the Trust used to offer to new appointees on a more ad hoc basis to allow them to start up their labs and research projects. The scheme for the Schools of Physical Sciences and Technology ran in the spring of 2012 and the scheme for the Schools of Biological Sciences and Clinical Medicine will run for the first time in the autumn. Payments will begin in 2012-13 and a report on the Schemes will appear in next year's Annual Report. The Trust has also awarded £100,000 to facilitate the continuation of the Humanities Research Grant Scheme, for the Humanities Schools, which the University offered for the first time in 2011. The Trust is providing a third of the total funding of these schemes (except that the proportion fluctuates in the case of the Physical Sciences scheme, and will be 25% for 2012).

The Trust is also exploring with the relevant inter-College bodies a possible substitution for its old CTO support scheme, which is being run down after a decision last year. If agreed, the new scheme, which funds a substitute appointment to allow a CTO to take extended research leave in order to complete a high-quality research project, would begin in 2013-14.

The Trust will continue to administer the Cambridge Bursary Scheme for the foreseeable future and a new Memorandum of Understanding is being agreed with the University in order to reflect certain changes stemming from the introduction of the new undergraduate fee regime in 2012. Discussions continue about the future administration of applications for the National Scholarships Programme. The Trust has hired a new Database and Finance Administrative Assistant, from September 2012, partly to reflect the administrative complexity of some of these schemes, and partly for general reasons of office management. From 2012 the University has agreed to make a financial contribution to the Trust's costs in administering its bursary schemes. The Trust's own contribution to the Cambridge Bursary Scheme will fall from 15% to 12% in 2012-13, in view of the increased overall costs. This contribution will henceforth be directed explicitly to help the poorer Colleges to bear their cost of bursaries. With this assistance, Colleges will pay 50% of the cost of bursaries for new fee-regime students, and the University the other 50%, though it will still pay 75% of the cost of bursaries for students matriculating before 2012, and the Colleges 25%.

Overall, the Trust remains committed to the policy announced in last year's Annual Report, by which it aims to spend substantially more than its annual income over the next five years on support for university posts, for bursaries and for research. Its five-year plan involves a significant reduction in its capital surplus, of up to £5m in the General Fund, while shrinking the Bursaries Endowment Fund to zero. The chart on p.9 shows not only, on dotted lines, the projections of expenditure based on current commitments (i.e. following Table 2), but also, on unbroken lines, the estimated effects on expenditure if these internal plans are taken into account.

Finally, the Trust has been considering the future management of its investments. It has agreed to move £6 million away from Barings and into the Cambridge University Endowment Fund, and this is being done in three tranches in the course of 2012. It is also considering with Barings future arrangements for the management of its remaining holdings, and will discuss whether it would be advantageous to employ a third manager for any of its assets.

Allocation of Funds between Arts and Humanities, and Sciences

The table below shows the split of expenditure by the Trust between Arts and Humanities and the Sciences by academic year since 2007-08. Undergraduate Bursaries, Careers Service Internship Bursaries and Community-Related Vacation Grants have not been included.

Table 1

	Arts and	Humanitie	s			Sciences				
	2007-8	2008-9	2009-10	2010-11	2011-12	2007-8	2008-9	2009-10	2010-11	2011-12
RESEARCH SUPPORT										
standard grants (offered)	599	736	686	924	632	1578	1367	1247	1237	1237
special multi-year large grants/underwriting*			766	200	0				495	700
Leverhulme ECF awards (confirmed)*			276	207	552				62	137
Small Research Grant Scheme (from 2010-11)				34	46				0	0
SUPPORT FOR POSTS										
CTO scheme**	105	97	122	117	104	9	11	12	13	17
Time-Limited Fellowships	24	16	9	3	3	36	76	56	93	93
University Lectureships (from 2012-13)										
College Research Fellowships (from 2011-12)					43					0
GRADUATE SUPPORT										
DRS/CHESS scheme for UK students	80	173	274	186	232	20	50	0	0	0
CET Research student scheme (discontinued)	76	99	0	0	0	150	199	0	0	0
TOTAL	884	1121	2133	1671	1612	1793	1703	1315	1900	2184

^{*}listed separately from 2009-10

^{**} figures shown by academic year

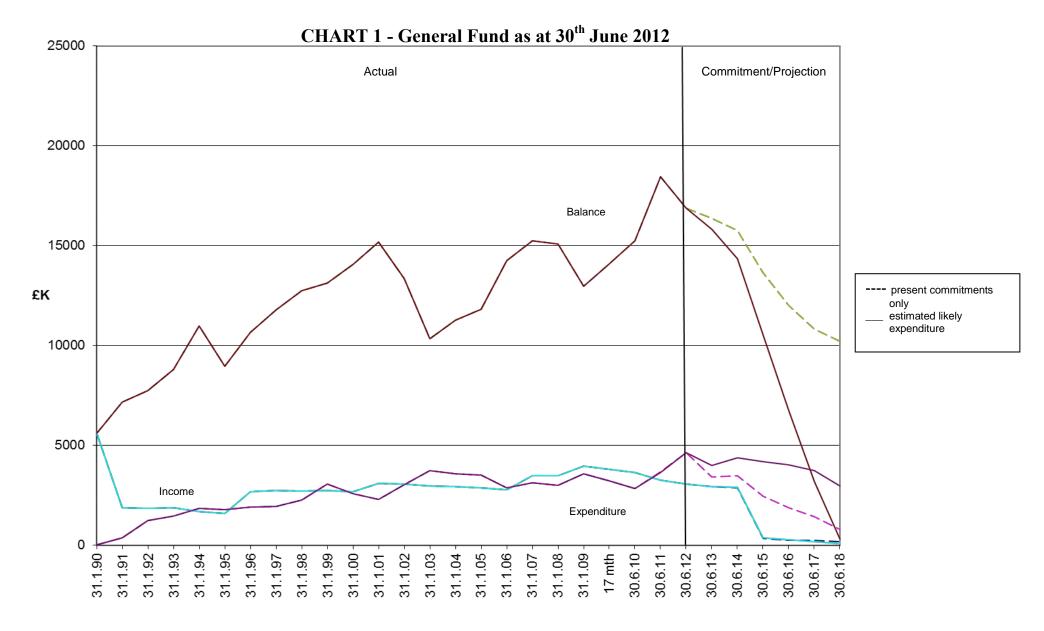
Administrative Costs

In addition to the Director and a full-time Administrator the Trust continued this year to employ a part-time assistant, who helps particularly with the processing of research grant applications, and a part-time accountant. An office assistant was employed on a casual basis at busy times of year, mainly to help with the administration of the Cambridge Bursary Scheme. A breakdown of administration costs is shown below.

Stipend of Director (including pension and NI)	£45,318
Stipend of Treasurer (including pension and NI)	£6,547
Other stipends (including pension and NI)	£74,383
Office expenses (including temporary staff)	£9,847
Barings management fee for investments	£36,617
Audit fee	£1,920
Legal Fee	£2,662
Miscellaneous expenses	£2,269

Table 2 General Fund (£000's) Working Management Accounts and Estimates of Future Expenditure

		Actual		[17 months]				Projected				
	January	January	January		June	June	June	June	June	June	June	June
Financial Year End	2008	2009	2010	2010	2011	2012	2013	2014	2015	2016	2017	2018
Balance at Start of Year	15246	15085	12973	12973	17194	18443	16878	16373	15758	13636	11999	10805
INCOME												
Trinity College	2500	2800	2800	5600	2800	2591	2500	2500				
Dividends and Interest	445	520	273	408	440	458	422	409	394	341	300	270
Special Donations to Opportunities Fund			500	584	22	10						
Camtrust net transfer				526								
EXPENDITURE												
Grants	-1816	-1985	-2686	-3245	-2129	-2055	-1543	-1261	-556	-243	-119	0
LECF (Human. and Sci previously Included in Grants)					-252	-226	-389	-414	-527	-527	-527	-527
University Research Grant Schemes							-410	-415	-350			
Small Research Grants					-34	-46	-40	-40	-40	-40		
Research Fellowships						-43	-103	-250	-250	-250		
INT Lectureships							-500	-500	-500	-500	-500	
Board of Graduate Studies: studentships	-90	-223	-186	-186	-273	-232	-219	-219	-120	-60		
CTO scheme	-117	-117	-121	-176	-28	-121	-129	-105	-48	-28	-13	
Time-Limited Teaching Fellowships	-59	-61	-63	-63	-101	-96	-150	-150	-150	-150	-150	-150
Long Vacation Community Scheme	-18	-22	-21	-45	-10	-10	-10					
Administration and audit	-152	-165	-32	-238	-160	-143	-165	-170	-175	-180	-185	-190
Gain in Value of Investments	-628	-2493		2107	1710	-768						
Balance (Pre- Bursary Expenditure)	15311	13339		18245	19179	17762	16142	15758	13436	11999	10805	10208
Bursary Net Charge to General Fund	-226	-366		-1051	-736	-883	-1100	-1100	-900	-900	-900	-900
Compensation from BEF for previous year's bursaries							1331	1100	1100	900	900	900
Balance at End of Year	15085	12973	15952	17194	18443	16878	16373	15758	13636	11999	10805	10208
BURSARIES ENDOWMENT FUND* (Feb-Jan until 2010)												
start of year	7097	7507		7596	5944	6336	5636	4465	3494	2490	1653	803
net bursary adjustment	461	937		-2654	-400	-616	-1331	-1100	-1100	-900	-900	-900
interest/dividends	200	245		186	162	168	160	129	96	63	50	20
gain from investments	-251	-1092		815	630	-252						
end of year	7507	7596		5944	6336	5636	4465	3494	2490	1653	803	-77



RESEARCH GRANTS

BREAKDOWN OF EXPENDITURE ON GRANTS 2011-12

The Trust's actual expenditure on research and teaching grants over the period of this report, as shown in the accounts on Appendix 1 p.13, was £2,370,521. This was broken down as follows:

Research Grants	£2,162,878	
Less underspends returned to Trust	(£ 107,170)	
Leverhulme Early Career Fellowships	£ 253,000	
Less underspends returned to Trust	(£ 27,450)	
Small Research Grants Scheme	£ 46,063	
Research Fellowships Scheme	£ 43,200	
Total	£2,370,521	

RESEARCH GRANTS APPROVED 2011-2012

POLICY

The policy of the Trust in relation to Research and Teaching Grants is detailed on its website www.newtontrust.cam.ac.uk. The key features of those Guidelines during 2011/2012 were as follows:

- The Trustees realise that the funds at their disposal could soon be wholly absorbed in a few big projects. They believe they can best assist the University by focusing their help selectively on projects of various sizes which otherwise might not get started or be significantly delayed, particularly those where a grant from the Trustees can open up opportunities for additional funds from outside Cambridge. The Trust is able to move quite quickly and so help in enabling opportunities to be seized which otherwise might permanently be lost. In all cases the Trustees need to be satisfied that projects are of a high standard. They aim to assist with the funds at their disposal a wide range of projects in all disciplines from Departments and Faculties in all Schools of the University.
- Since one of the purposes of the Trust is to attract resources from outside, grants from the Trust are normally conditional upon raising from sources outside Cambridge at least the amount of the grant. The Trustees have agreed to vary or even set aside this condition for projects that they consider of particular importance where the prospects of obtaining such external funding are remote.
- The Trustees are persuaded that their most effective contribution is to help attract talented persons to Cambridge and to maintain the University's reputation as a centre of excellence in research. They seek to assist projects of high quality, which will normally be capable of attracting significant external funding, but which cannot get all the financial help that they need.
- The Trust does not normally contribute towards the costs of pre-doctoral students because PhD studentships are available from Research Councils, from the Cambridge Commonwealth, Overseas, and Gates Trusts, and from the CHESS competition organised by the Board of Graduate Studies.

- The Trustees do not in their own right seek funds from outside (the only exception being the Cambridge Bursary Scheme). It is therefore the responsibility of recipients of grants to raise the additional monies which are a condition of their grants from the Trust.
- Funding for equipment is a low priority, but Trustees are willing to consider applications for urgently-needed new equipment of major strategic value to the University or new equipment for teaching. At least two-thirds of the cost must be secured from other sources, and the equipment must have multiple uses. The Trust is willing to give loans for equipment and for technical support in cases where applicants can be confident that these costs can be repaid from future external grants. The Trustees do not normally entertain requests for "bricks and mortar" projects.

NEW APPLICATIONS RECEIVED

In 2011-12 the Trust received a total of 87 new applications for research grants. The total cost of supporting these applications in full would have been £3.3 million. In the event, 58 applications were supported at a total cost of £2.6 million (several grants being made at a lower level than had been requested). 29 applications were rejected.

In addition, the Trust invited applications from Departments in the Arts, Humanities and Social Sciences for matching support for post-docs seeking Early Career Fellowships from the Leverhulme Foundation. These applications, which were previously made for either two or three years' support, were from 2011 only available for periods of three years. The Trust made further changes to the application process this year in order to encourage Departments to submit only the very strongest candidates. Even so 42 applications were received (down from 45 in 2010-11) and the Trust agreed to underwrite 29 of them in the expectation that no more than 10 would be successful in the Leverhulme competition. In the event eight were successful, up from five in the previous year. For each Fellowship the Trust pays up to £23,000 p.a. A summary of those whom the Trust agreed to support is given on page 20.

GRANTS AWARDED

The following grants (totalling £2.6 million) were approved by the Trustees during the report period. They are listed alphabetically by Department. The amounts of individual grants may be found in Appendix 3 (Yellow Table). If the matching requirement associated with each grant is achieved, the total matching sum associated with these grants will be £2.9 million. In some instances this matching sum would no doubt have come to Cambridge anyway; in others it has been elicited by the Newton Trust grant.

Centre of African Studies: A grant over three years to provide ten six-month fellowships in Cambridge for mid-career academics from Uganda and Ghana. These fellowships will be open to biological and health scientists, social scientists and humanities scholars. (Applicant: Professor Megan Vaughan)

Anglo-Saxon, Norse and Celtic: A grant over one year to enable Dr Pádraic Moran, Research Associate, to continue his work on a project to produce new editions of a corpus of five interrelated glossary texts from eighth-, ninth- and tenth-century Ireland; texts highly significant for the cultural history of both Ireland and early medieval Europe more generally. (Applicant: Dr Máire Ní Mhaonaigh)

Applied Mathematics and Theoretical Physics: Underwriting over one year towards salary and travel costs, so that Dr Benjamin Favier, Research Associate, can investigate the role of magnetic buoyancy instabilities and their interaction with models of solar convection. The aim is to enhance our understanding of their role in the eleven-year solar cycle. (Applicants: Professor Michael Proctor and Professor John Papaloizou)

Applied Mathematics and Theoretical Physics: An offer to match a three-year Leverhulme Early Career Fellowship sought by Dr Anthony Anderson, Research Associate, to investigate the essential physical processes connected with ice segregation and pattern formation in freezing colloidal suspensions. (Applicant: Professor Grae Worster)

Archaeology and Anthropology: A grant over two years to enable a research associate to investigate the site and material culture of Tell Brak in north east Syria and thereby explore the early Mesopotamian city, especially the nature of settlement boundaries and the acquisition of resources by its inhabitants. (Applicant: Dr Augusta McMahon)

Biochemistry: A six-month bridging grant for the salary costs of Dr Ngai Ping Albert Kwok, Research Associate, to explore peptide dendrimers as transfection reagents; a project that will build on the momentum of an existing study. (Applicant: Dr Florian Hollfelder)

Biochemistry: A grant over three years in part support of Dr Katherine Stott, a Research Associate on a project aiming to understand the role of heterochromatin protein 1 in gene repression, in particular, the basis of its interaction with chromatin at the molecular level, using state-of-the-art NMR spectroscopy. A previous Newton Trust grant partly funded this NMR facility. (Applicants: Professor Dame Jean Thomas and Dr Natalia Murzina)

Biochemistry (jointly with Cambridge Systems Biology Centre, The Gurdon Institute and The Centre for Stem Cell Research): A grant to purchase liquid chromatography and associated computer hardware; part of a new platform enabling the combination of hypothesis generating and hypothesis driven systems-wide biological studies: a facility to be made widely available for use by the University's bio-medical research community. (Applicants: Dr Markus Ralser and Dr Kathryn Lilley)

Biochemistry: A grant over six months for the salary costs of a research associate on the project 'Metagenomic Analysis of the Cystic Fibrosis Sputum Microbiome'; an investigation into the genomic diversity of the Pseudomonas Aeruginosa population in the lungs of chronically infected cystic fibrosis patients. (Applicant: Dr Martin Welch)

Chemical Engineering and Biotechnology: A grant from the Opportunities Fund to appoint a research associate for a year and purchase an electrical capacitance tomography system, in order to develop new algorithms to provide high resolution tomographic imaging over a range of length scales. The work has attracted significant interest from industry. (Applicant: Dr Daniel Holland)

Chemistry: An offer over two years to supply the remaining third of a part-salary award sought from the Humboldt Foundation (Germany) by a research associate, to develop and apply a computational method for simulating quantum tunnelling in chemical reactions that are catalysed by surfaces; work that will help advance the rapid development of new quantum methodology that this group have recently pioneered. (Applicants: Dr Stuart Althorpe and Professor David Wales)

Chemistry: A grant from the Opportunities Fund towards one year of salary and equipment costs, to enable Dr Henning Beckmann, Research Associate, to use the chemical group *azide* to produce small molecules with potential antibacterial activity. This work has prospective applications in medicine, and represents a new approach to drug discovery. (Applicant: Dr David Spring)

Criminology: A grant over two years towards the salary costs of Dr Maria Ttofi, Research Associate, to examine the protective factors that interrupt the continuity from school bullying to anti-social behaviour and offending later in life, and explore the implications for prevention and treatment. (Applicant: Professor David Farrington)

Earth Sciences: A grant over four months in support of a part-time Research Associate, Dr Jian Yang, on a collaborative project to validate the satellite-based Ozone Monitoring Instrument's detection and measurement of volcanic sulphur dioxide in the lower troposphere, using data from Tungurahua Volcano, Ecuador. (Applicants: Dr Marie Edmonds and Dr Michael Herzog)

Earth Sciences: An offer to match a one year Swiss National Science Foundation grant by providing some analytical costs and a further year's salary costs for a research associate to study temperature change in the tropics during the last ice age, using several independent methods. (Applicant: Professor David Hodell)

Earth Sciences: A grant over one year from the Opportunities Fund to enable Dr Natalia Vázquez Riveiros, Research Associate, to assess the impact of ocean chemistry and ocean circulation change on long-term global climate change. (Applicant: Dr Luke Skinner)

Economics: A grant over six months to pay three hundred people to participate in experiments for a project aiming to re-examine price bubbles in laboratory asset markets and to determine whether they are caused by subject misunderstanding. (Applicant: Professor Aldo Rustichini)

Engineering: A grant over one year in part support of Dr Francesco Bonaccorso, a Research Associate developing a new range of fully-flexible optoelectronics devices based on sorted carbon nanomaterials. This represents a paradigm shift with respect to present technologies, and the resulting technology may be commercially developed beyond 2015. (Applicant: Professor Andrea Ferrari)

Engineering: A grant over two years towards salary and research costs for two research associates who will work on a major project to invent, manufacture and analyse a wide range of new composites for extreme applications. This award could provide leverage for a large amount of external funding. (Applicant: Professor Norman Fleck)

Engineering: An offer to match a three-year Leverhulme Early Career Fellowship sought by Dr James Talbot, Research Associate, for research into the technology of a novel balloon-based high altitude platform. High altitude tethered balloons offer huge potential in applications such as communications and earth observation. (Applicant: Dr Hugh Hunt)

Engineering: A grant over one year for the salary costs of a research associate, to work on a project to develop the next generation of flexible, transparent electronics based on atomic mono-layers of carbon for electrode materials and active components in microelectronic circuits. (Applicant: Professor William Milne)

Experimental Psychology: A grant over eight months for the salary costs of Dr Alejo Nevado-Holgado, a Research Associate on a project bridging mathematical and experimental approaches in neuroscience to investigate frontostriatal mechanisms of behavioural flexibility. Their dysfunction can be found in schizophrenia, obsessive compulsive disorder, depression and drug addiction. (Applicants: Dr Jeff Dalley and Professor Angela Roberts)

Centre for Family Research: A grant over one year in part support of a research associate investigating the quality of parenting and the psychological adjustment of children born to gay fathers by surrogacy and egg donation. (Applicant: Professor Susan Golombok)

Fitzwilliam Museum: A grant over one year in support of Dr Deirdre Jackson and Dr Paola Ricciardi, Research Associates on the project 'Pigment Analysis of Illuminated Manuscripts: Materials, Design and Ideas'. This work will lay the foundations of an inter-disciplinary collaboration between the arts and sciences; with the long-term objective of creating the UK's first research and teaching centre for the scientific analysis of art works. (Applicant: Dr Stella Panayatova)

Geography: A grant over seventeen months towards the costs of the growth of a saltmarsh test section and transport to a flume facility, needed in a study of wave transformation and sediment dynamics over coastal saltmarshes under extreme hydrodynamic loading. (Applicant: Dr Iris Möller)

Geography: A grant over one year towards the salary costs of Dr Robert Doubleday, a Research Associate on a project to develop a theoretically informed and empirically grounded understanding of scientific advice; work that involves collaborators across the university and is a pilot for a future research programme at the Centre for Science and Policy. (Applicant: Professor Susan Owens)

Italian: A grant over eighteen months towards the salary, travel and subsistence costs of a research associate, for an investigation into the production of conduct literature for and about women in Italy between the sixteenth and the end of the nineteenth century. This will lay the groundwork for a wider collaborative project. (Applicant: Dr Helena Sanson)

Materials Science and Metallurgy: A grant over one year for the appointment of two research associates to work on the project 'Advanced Electron Microscopy Methods for the Characterization of Lithium Ion Batteries'. This award could provide leverage for a large amount of external funding. (Applicant: Dr Caterina Ducati)

Materials Science and Metallurgy: A grant over two years in part support of a research associate on a project to develop a superconducting cable suitable for application in DC superconducting power distribution lines, which have more energy efficient features. The work is part of an international programme with MIT (USA) and Tsinghua University, China. (Applicant: Dr Bartlomiej Glowacki)

Materials Science and Metallurgy: A grant over one year to allow Dr Massimo Ghidini, Visiting Research Associate, to continue his work exploring magnetic switching in nanodots due to electrically and thermally controlled strain in underlying ferroelectric materials; half of his costs being borne by his permanent employer, the University of Parma, Italy. (Applicant: Dr Neil Mathur)

Medical Genetics: A grant over two years from the Opportunities Fund to appoint a research associate to a project aiming to develop a network of collaborators and establish in Cambridge the foremost centre in Europe (and eventually, world-wide) for studying translational aspects of cancer susceptibility due to dysregulation of the miRNA processing pathway. (Applicant: Dr Marc Tischkowitz)

Medicine: A small grant towards the purchase of Laser Doppler Flowimetry equipment (a Periflux Main unit 5001 + PF5010 + probe), to be used to study blood flow in the skin of patients with diseases affecting small blood vessels. (Applicant: Dr Frances Hall)

Pathology: A grant towards the purchase of a Leica TCS SP5 II spectral confocal microscope and its service costs; a resource that will be used by a cohort of virologists studying all aspects of virus replication, pathogenesis and immune evasion. (Applicant: Dr Ian Brierley)

Pharmacology: A six-month bridging grant in part-support of two research associates, Dr Jonathan Clarke and Dr Gerald Hammond, who are using cutting-edge imaging and molecular cell biology technologies to try to understand how our cells use polyphosphoinositol lipids to regulate so many different physiological functions. Malfunction of these lipids can lead to many pathological states. (Applicant: Professor Robin Irvine)

Pharmacology: A six-month bridging grant to allow Dr Gareth Young, Research Associate, to continue work that follows on from the lab's recent discovery that HCN2 ion channels play a major role in inflammatory and neuropathic pain. This research could lead to the development of potent analgesics. (Applicant: Professor Peter McNaughton)

Pharmacology: An offer to match a three-year Leverhulme Early Career Fellowship sought by Dr Taufiq Ur Rahman, Research Associate, for an investigation, with single-molecule resolution, into the molecular mechanisms underlying the function and regulation of lone and clustered intracellular calcium channels. (Applicant: Professor Colin Taylor)

Philosophy: A grant over two years for the salary and IT costs of a research associate, to be appointed to a project that aims to make Cambridge, once again, a major centre for research and graduate training in the Philosophy of Physics. (Applicant: Professor Huw Price)

Physics: A grant to purchase a load-lock for a high vacuum sputter deposition machine, to be used primarily in a project investigating the basic physics which underpins one possible method for moving and storing digital information within the full three-dimensional volume of a material. (Applicant: Professor Russell Cowburn)

Physics: A grant over three years towards the salary, travel and equipment costs of a Science Museum Fellow of Modern Science, who will both search for new phenomena in high-energy proton-proton collisions at the Large Hadron Collider and communicate fundamental science in the form of a new *Making of Modern Science* gallery and a dedicated exhibition at the Science Museum. (Applicant: Professor Valerie Gibson)

Physics: An offer to match a three-year Leverhulme Early Career Fellowship sought by Dr Farhan Feroz, Research Associate, to develop and apply robust statistical and machine learning methods for the study of various classes of astrophysical objects. The statistical methods to be developed could also be adopted for studies in other areas, in particular particle physics phenomenology and bioinformatics. (Applicant: Professor Mike Hobson)

Physics: A grant over three years in part support of Dr Emma Pugh, Senior Research Associate, for a study of magnetic, superconducting and novel quantum states, using a combination of high pressure, low temperature, high field and synchrotron radiation techniques; work that increases ties with the new British X-ray synchrotron facility *The Diamond Light Source.* (Applicant: Professor Gilbert Lonzarich)

Physics: A grant over five years towards the salary costs of Professor Didier Queloz, whose appointment is part of the department's plan create a centre of excellence in extrasolar planetary research. (Applicant: Professor James Stirling)

Physiology, Development and Neuroscience: Three months' salary costs for Dr Guy Blanchard, Research Associate, to enable him to continue to extend the group's existing high fidelity automated computer tracking and analysis of 3D cell shapes during animal development to become general-purpose. Outputs will be made available to other groups in the University and may have commercial potential. (Applicant: Dr Richard Adams)

Physiology, Development and Neuroscience: A grant over four months for the salary costs of Dr Andrew Gillis, Research Associate, to continue to study the development and evolution of the pharyngeal endoskeleton, i.e., the cartilages and bones of the jaws, gills and/or neck. (Applicant: Dr Clare Baker)

Physiology, Development and Neuroscience: A grant over three years in part support of Dr Jan Evers, a Senior Research Associate on the project 'An Advanced, Multi-User Imaging Facility for Time-Lapse, Single Molecule and Super-Resolution Imaging'; a strategic application on behalf of the School of Biology to support a new cross-school, cross-department imaging initiative, available to the Cambridge scientific community. (Applicants: Professor William Harris and Dr Richard Adams)

Plant Sciences: A grant over one year to enable Dr Alex Murphy, Senior Research Associate, to work on a project that is applying this research group's laboratory findings to the field: exploring the potential for manipulation of plant-aphid interactions to protect an important African crop. (Applicant: Dr John Carr)

Plant Sciences: A grant over one year for the salary costs of a research associate for the project 'Species Diversity and Ecosystem Functioning in European Forests'; in which above-ground biomass and carbon storage in a Mediterranean forest system is studied, using a unique timeseries remote sensing dataset. (Applicant: Dr David Coomes)

Plant Sciences: A grant over two years towards the salary costs of Dr Stéphanie Swarbreck, a Research Associate studying the molecular mechanisms underlying agriculturally relevant root-to-root interactions between wheat and black grass, a competing weed. (Applicant: Dr Julia Davies)

Psychiatry: A grant over two years in part support of a research associate to work on the project 'Developing Connections in the Human Brain: Can they help us understand Adolescent Mental Health Disorders?', which will lay the foundations for a subsequent large-scale, multicentre, Wellcome Trust funded study. (Applicant: Dr John Suckling)

Pure Mathematics & Mathematical Statistics (Statistical Laboratory): A five-month bridging grant towards the salary costs of Professor Carlo Berzuini, a Senior Research Associate on a project developing novel statistical methodology for causal statistical inference in genomic applications. (Applicant: Professor Philip Dawid)

Social Anthropology: A grant over one year towards fieldwork and salary costs to enable Dr Franck Billé, Research Associate, to conduct a study of the cities of Blagoveshchensk and Heihe, which face each other across the Amur River on the border between Russia and China. The aim is to contribute to a better understanding of the relations between these countries and their future trajectories. (Applicant: Dr David Sneath)

Centre for Stem Cell Research: A grant over one year from the Opportunities Fund in part support of a research associate, for an investigation of the reprogramming mechanism of nanog. Nanog is a transcription factor critically involved with self-renewal of undifferentiated embryonic stem cells. (Applicant: Dr José Carlos Rebelo da Silva)

Veterinary Medicine: A grant over one year towards the salary costs of Dr Hanna Dreja, a Research Associate on a project analysing the B cell response in HIV-vaccinated rhesus macaques. This work could greatly inform and facilitate HIV-1 vaccine design, and result in a 'spin-out' commercial venture. (Applicant: Professor Jonathan Heeney)

Veterinary Medicine: Pump-priming over six months in part support of a research associate, who will conduct a study in West Africa of bats, which are the ongoing source of highly fatal viruses such as Ebola and SARS. (Applicant: Professor James Wood)

Zoology: A grant over two years towards the salary costs of Dr Jamie Gundry (Photographer), Dr Hilary Ketchum (Data Entry Technician) and Ms Rosalyn Wade (Outreach Officer), to work for the Museum of Zoology's Invertebrate Cataloguing Project. The Museum has already electronically catalogued its vertebrate collections and aims to do the same with its extensive invertebrate material. (Applicant: Professor Paul Brakefield)

Zoology: A small bridging grant over two months to enable Dr Konstantinos Kostarakos, Research Associate, to continue, uninterrupted, to study auditory pattern recognition in the cricket brain. (Applicant: Dr Berthold Hedwig)

Zoology: An offer to match a three-year Leverhulme Early Career Fellowship sought by Dr Giuseppe Boncoraglio, Research Associate, for an investigation into whether environmental conditions during early life and development influence reproductive costs, ageing processes and individual life histories. (Applicant: Dr Rebecca Kilner)

Zoology: A six-month bridging grant from the Opportunities Fund to cover some consumables and the salary costs of Dr Bhavna Chanana, Research Associate, on a project examining how the Hippo tumour suppressor pathway regulates stem cell fate and proliferation. The aim is to understand the molecular mechanisms by which the Hippo pathway controls homeostasis and prevents tumour formation. (Applicant: Dr Isabel Palacios)

LEVERHULME EARLY CAREER FELLOWSHIPS

The Trust agreed to provide matching support over three years for any of those candidates from the Arts and Humanities shown below in table 3 who were successful in the Leverhulme competition during 2012. The cost of this over three years if all were successful would be £1.66 million. However in May 2012 it was announced that nine of these 29 had been awarded and had accepted Fellowships, though one (marked below with an asterisk) subsequently withdrew to take up an alternative fellowship at a potential cost of £552,000 over the next three years. A tenth (marked below with a double asterisk) was eventually offered a grant against matching funding from an alternative source, bringing the total cost of grants offered to applicants to the scheme to £621,000 over three years.

Of five offers of matching funding for Leverhulme Early Career Fellowships in the Sciences, two were successful as follows:

11.25(a) DAMPT: Dr Anthony Anderson

11.35(z) Department of Physics: Dr Farhan Feroz

The cost to the Trust for these two will be £137k over 3 years, giving a total for all disciplines of £758k over 3 years. However these two applicants applied through the normal Research Grant process and so are also listed in the previous section. From 2012-13 the Trust will require candidates from the sciences to enter the special competition for Leverhulme awards, rather than the termly Research Grant scheme.

The number of awards increased this year, and the number of successful Cambridge candidates increased substantially: in each of the previous two years six Arts and Humanities Fellowships were awarded, and in the Sciences none were successful in 2010 and one was successful in 2011.

Table 3

Department	INT Awarded	LECF Awarded
Anglo-Saxon, Norse and Celtic	Dr Rory Naismith	✓
Angio-Saxon, Noise and Cente	Dr David Woodman	
Archaeology	Dr David Orton	
Archaeology	Dr Robyn Veal	
Archaeology and Anthropology	Ms Emma Pomeroy	
Architecture	Dr Alistair Fair	✓
Centre for Research in the Arts, Humanities and Social Sciences	Dr Tori Holmes	
Classics	Dr Alessandro Launaro	✓
	Dr Michael Scott	
	Dr Philippa Steele	
English	Dr David Nowell-Smith*	✓
Geography	Dr Amy Donovan	✓
History	Dr Britta Schilling	✓
	Dr Gareth Atkins	
History and Philosophy of Science	Dr Jennifer Rampling	
	Dr Marion Vorms	
Italian	Dr Margherita Zanoletti	
Land Economy	Dr Jean-Francois Mercure	
Music	Ms Ananay Aguilar	✓
	Dr Luca Incurvati	
Philosophy	Dr Maike Albertzart	
	Dr Adam Stewart-Wallace	
Politics and International Studies	Dr Josip Glaurdic	✓
2 cm. co and meeting of the control	Dr Alexander Anievas	✓
Slavonic Studies	Dr Olesya Khromeychuk	
Social Sciences	Dr Ella McPherson**	
Spanish and Portuguese	Dr Patricia Silva McNeill	
	Dr Sarah Roger	
Theoretical and Applied Linguistics	Dr Lazaridou-Chatzigoga	

SMALL RESEARCH GRANTS SCHEME

The Trustees agreed in 2009 to provide £40,000 each year for three years in the first instance, to fund a scheme of Small Research Grants for the Schools of Arts and Humanities and Humanities and Social Sciences, for which all University Teaching Officers and College Teaching Officers are eligible to apply. In November 2011 they reviewed the scheme and agreed that it should be renewed for a further period of 3 years, to July 2015. They agreed that the Schools might roll over unspent money to future years, or over-allocate modestly in any one year if necessary.

The aim of the scheme is to allow teaching staff to employ junior-level research assistance on their research projects: the maximum grant offered is £1,000, and matching funding is not required.

Administration of the grants is undertaken by the Schools themselves, and the Trust is invoiced each year. Reports on the second year of the scheme were received from both Schools in November 2011, and these are summarised below. Each School also provided a detailed financial breakdown and individual reports from award holders. As these show, a total of 65 awards were made in 2010-11.

Report from the School of Arts and Humanities

In the first round in October 2010 21 bids were received of which 19 were approved. A second bidding round took place in March 2011, and a further 14 bids were received, of which 12 were approved.

Overall, awards were made to academic staff from 15 of the School's 20 separate Faculties and Departments, demonstrating a broad engagement with the scheme.

The total value of awards made in the Michaelmas Term amounted to £18,095, and £8,640 in the Easter Term. Of the total awards the School reimbursed actual expenditure of £23,145.88, which, together with funds brought forward from the previous year, left an underspend of £2,690.36 to be rolled over to the 2011-12 allocation. Two grants amounting to £1,845 had been deferred by agreement with the School to 2011-12, and these together with a further £870 in late payments due to administrative delays, gave a small over-allocation of 2010-11 funds of about £25

Report from the School of Humanities and Social Sciences

Building on a successful first year of operation, the School repeated an awarding process overseen by the School Research Committee through two bidding rounds in March and May 2011, timed to facilitate research assistance in the Easter and Long vacations respectively. Applicants were asked to complete a brief form outlining the details and timescale of the work to be undertaken, an itemised costing, and details of any other funding attached to the proposed research.

Demand increased from the levels seen in 2009-10, with applications from all but one of the School's 13 institutions. 47 bids were received, with a total requested value of £34k. An

enhanced set of School criteria combined with the Trust's remit operated as a framework for considering requests, as far as possible favouring applications demonstrating:

- Potential alignment with School Research interests
- Possibility to attract match-funding or lead to externally-funded projects
- Outputs that were likely to be REF-eligible
- Impact factor, loosely defined
- Activities typically unfunded by external sponsors

In order to maximise the benefits of the scheme, top priority was given to first-time applicants meeting all other criteria.

Noting high demand, the Research Committee endeavoured as far as possible to constrain awards to an average of £750, and took the opportunity to make a number of partial awards for a fuller distribution of funding. In the latter cases, applicants were able to find match-funding so this approach seems to have worked well. 34 awards were made (an increase on 2009-10) with a combined value of £20.6k. With the exception of a non-bidder, all institutions within the School received at least one award.

Repeating the pattern seen in 2009-10, awards generally covered the personnel costs of research assistance, mostly relating to editorial assistance, data collection and analysis, and the conduct of pilot research.

With funds rolled over from the previous year the School had available a sum of £21,070.51. The total amount reimbursed was £18,379.87 giving an underspend to be rolled forward of £2,690.64.

RESEARCH FELLOWSHIP SCHEME

In November 2010, Trustees agreed to approve the establishment of the Isaac Newton Trust Research Fellowship Scheme. This Scheme offers half-funding for a Fellowship up to a maximum award of £15,000 per year for three years to the less well-endowed Colleges (listed in Appendix 3), on condition that they supply matching funds for a Fellowship that they would otherwise not be able to offer. The scheme is intended mainly for the Humanities (because of the number of post-doctoral positions available to scientists within the University) but there is a supplemental scheme for urgent needs in the sciences.

There are two application rounds per year, in January and July.

So far there have been four application rounds and 8 proposals have been approved, with the following 3 beginning in 2011-12.

Downing College: Dr Joseph Webster (Social Anthropology)

Girton College: Dr Amaleena Damlé (French)

Lucy Cavendish College: Dr Emanuela Orlando (Law)

BURSARY SCHEMES

THE CAMBRIDGE BURSARY SCHEME: ANNUAL REPORT 2011-12

Summary

The Cambridge Bursary Scheme for UK students operated in the academic year 2011-12 under three headings: the largest of these is the Main UK Scheme, referred to below as CBS. There is also a first year bursary scheme for UK and EU students on the Graduate Course in Medicine (referred to below as GCMB), which was previously part of the CBS but has now been separated and is paid at a slightly lower rate equal to the tuition fee. Finally we continue to run the 'Old Scheme' (referred to below as OSB) for UK students who matriculated before the higher level of fees came into force in 2006. Numbers of awards made are now very small, and it is to be noted that this scheme differs from the others in that it is funded by the Trust and the Colleges with no University contribution. However it is listed below with the others for convenience.

The initial allocation of bursaries for the CBS takes place in Michaelmas Term, with small numbers of late applications and late financial assessments taking place throughout the academic year. In addition each year a few awards from earlier academic years remain to be finalised after the year end, so that the figures at the Trust's financial year end in the past did not perfectly reflect the final number of awards shown in the annual report for the academic year. This year the annual report therefore shows instead all awards made during the financial year. A number of late reassessments and finalisations which took place after June 30th 2012 will therefore be shown in next year's report. A summary of bursary numbers is shown in the table below, with unfinalised and therefore unpaid 2011-12 bursaries and back payments for previous academic years shown on separate lines.

Table 1a All UK Bursaries paid 2011-12 by number of students

	1st Year	2nd Year	3rd Year	4th+ Yrs	Total
CBS 2011-12 paid	1052	783	787	336	2958
CBS 2011-12 unpaid	53	36	30	19	138
CBS back payments		11	11	13	35
Old Scheme 2011-12				9	9
GCMB 2011-12 paid	13				13
GCMB 2011-12 unpaid	3				3
Total	1121	830	828	377	3156

In 2010-11 the total figures (excluding back payments but including unpaid bursaries) were:

1104 912	987	260	3263
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	1st Year	2nd Year	3rd Year	4th+ Yrs	Total
CBS 2011-12 paid	£2543	£1955	£1952	£670	£7120
CBS 2011-12 unpaid	£127	£87	£72	£46	£332
CBS back payments		£20	£27	£23	£70
Old Scheme 2011-12				£9	£9
GCMB 2011-12 paid	£44				£44
GCMB 2011-12 unpaid	£10				£10
Total	£2724	£2062	£2051	£748	£7585

Table 1b All UK Bursaries paid 2011-12 by total cost in £k (estimated costs for unpaid bursaries in italics)

The total spend on UK bursaries excluding the unpaid bursaries in table 1b was therefore £7.2m (£6.5m net of College contributions). As is clear from the figures shown for back payments for previous years, the cost of back payments for unpaid bursaries in 2012-13 is unlikely to reach the figures in italics, which merely indicate the maximum cost of these if all were finalised.

First year figures are always higher than subsequent years because they include applicants undertaking one-year PGCE courses (201 in 2010-11 including 2 EU applicants; 219 in 2011-12.) Figures were also higher for the cohort that matriculated in 2008 because the government offered means-tested grants to a higher proportion of those students. Although many of these students have now graduated, the 4th year figures are still slightly raised due to this factor.

Main Scheme (CBS) bursary allocation for 2011-12

All eligible applicants were awarded a bursary on a sliding scale up to £3,400 as specified in Cambridge's OFFA agreement. Some 126 students met the criteria (being over 21 when they started their undergraduate course and resident in Cambridge throughout the year) for a higher tier bursary of up to £5,650.

- Of the total **3,200** applications for bursaries, **104** have been deemed ineligible to receive support.
- At the maximum we would therefore expect to award 3,096 main scheme bursaries at a total cost of about £7.45m. Of these 2,958 have already been awarded at a cost of £7.12m and 138 remain to be settled upon receipt by the Trust of students' financial assessments. The estimated cost of these (£332k) is included in the figures in Table 2. However based on past experience it is likely that some will remain unfinalised, giving a probable cost nearer to £7.2m.
- Of those already awarded **1,486** (**50.2%**) (43.7% in 2010-11) are at the maximum level. A further 81 would have been at the maximum level save for deductions for additional income from other grants and awards, taking the figure to **1,567** (**52.9%**) (49% in 2010-11). A further 15 were awarded a full bursary but degraded or left within the first two terms and so were paid a pro rata amount. If we include these the figure is **53.4%** (49.4% in 2010-11).
- The cost net of College contributions for those already awarded is £6.4m and if all were finalised would be about £6.7m;
- the total required College contributions to bursaries so far is £723k and if all were finalised would rise to £757k, or 10.16% of the total cost.

The number of bursaries by College is given in Table 2 below. Note that these figures exclude back payments for previous years, but include unpaid bursaries awaiting finalisation.

Table 2: Main Scheme Bursary Awards by College

	No of	Total cost of awards	% of Total Costs
College	awards	$\pounds k$	paid by College
Christ's College	117	£267	10%
Churchill College	108	£239	4%
Clare College	120	£291	10%
Corpus Christi College	69	£155	20%
Darwin College	2	£7	2%
Downing College	110	£276	2%
Emmanuel College	134	£286	20%
Fitzwilliam College	111	£262	2%
Girton College	141	£319	4%
Gonville and Caius College	129	£299	20%
Homerton College	334	£828	2%
Hughes Hall	32	£114	2%
Jesus College	130	£307	10%
King's College	119	£279	20%
Lucy Cavendish College	37	£175	2%
Magdalene College	80	£182	10%
Murray Edwards College	90	£192	4%
Newnham College	85	£203	10%
Pembroke College	103	£243	4%
Peterhouse	66	£160	35%
Queens' College	119	£284	4%
Robinson College	119	£266	2%
Selwyn College	100	£224	2%
Sidney Sussex College	97	£209	10%
St Catharine's College	110	£264	4%
St Edmund's College	21	£89	2%
St John's College	136	£340	35%
Trinity College	144	£300	35%
Trinity Hall	96	£236	10%
Wolfson College	37	£151	2%
Total	3096	£7.45m	

Bursary Compensation Scheme

Through the Bursary Compensation Scheme Colleges are reimbursed at the end of the academic year for any sum above their required contribution, if they agree to pay any bursary in full. The Trust writes to all students in the first instance to ensure that all receive the correct information and that they understand that their award is part of the Cambridge Bursary Scheme. Colleges may then follow up with their own letter giving details of the College sponsor.

This year 17 Colleges took advantage of this arrangement. Bursary compensation payments totalling £1,012k were made under the scheme in June 2012. (This compares with 13 Colleges and payments totalling £955k in 2010-11.)

College Bursaries

As part of the application process students are required to inform the Trust about any other income they expect to receive during the course of the academic year. 54 applicants notified the Trust that they had been awarded College bursaries, and the anonymised data on these is given in Table 3 below.

Table 3: College Bursaries Awarded

	Number of College Bursaries	Total sum awarded	Range of awards
College 1	1	£700	£700
College 2	18	£36,000	£2,000
College 3	1	£50	£50
College 4	1	£1,000	£1,000
College 5	5	£11,212	£1,219-£3,500
College 6	3	£3,000	£1,000
College 7	2	£1,600	£600-£1,000
College 8	2	£1,500	£700-£800
College 9	1	£700	£700
College 10	2	£1,050	£100-£950
College 11	1	£227	£227
College 12	14	£12,250	£700-£1,500
College 13	2	£2,000	£1,000
College 14	1	£400	£400
Totals	54	£71,689	

Administrative Processes

The online application system continues to work smoothly, and initial results were notified to Colleges by the second week of December. Colleges were again paid in one instalment instead of two in order to reduce administrative pressures in Lent Term.

This year for the first time the University has paid for access to household income data from the Student Loans Company. This has given an opportunity both to check the accuracy of the Trust's current method of calculating household income from maintenance grant and loan figures, and also to evaluate whether in future bursaries could instead be calculated directly from the household income data. Initial indications are that the current method works well, but that a move to using the SLC data would reduce not only time-consuming data-inputting but also errors commonly associated with manually entered figures. It would however require some alterations to the calculations built into the database, and it would be dependent on applicants consenting to share their financial information with the University.

A separate online form was again used for Graduate Course in Medicine applicants within a dedicated website, and a small number of Old System Bursaries were processed without formal applications.

The maintenance of the various bursary schemes continues to form a large part of the administrator's workload throughout the year, generating a high volume of queries from Colleges as well as students.

Collaborators

125 full bursaries were part-funded by the following collaborators.

The Armourers and Brasiers continue to fund two bursaries for third year students reading Materials Science and Metallurgy.

Boeing: Boeing continued to fund 5 bursaries for Engineering students for one year.

Caterpillar: In 2009 the Caterpillar Foundation agreed to fund 6 students for three years; six students received their final year of support this year.

Citigroup: Citi continued its support for 12 third-year students, 12 second year students and 12 first year students. Over the next two years they will continue to support 12 new three-year bursaries each year, but have indicated that this support will cease in 2014.

Man Group: In 2010 Man agreed to support 15 new three year bursaries each year for the following three years, so that in 2011-12 a total of 30 students received bursaries sponsored by Man.

Professor Fabian Pease: Professor Pease sponsored 10 first year bursaries for Engineering students.

In addition support for bursaries amounting to almost £33k was received in donations from alumni via the Cambridge University Development Office and Trinity College Alumni Relations Office.

Old Scheme bursary allocation

Since this scheme is coming towards the end of its life, all students believed to be eligible were contacted by letter and informed that they did not need to apply formally, but should forward their Student Finance or NHS Bursary paperwork at whatever stage of the year it is available, up to 31st May 2012.

The maximum bursary paid under this scheme is £1,000. The number of awards made so far by the Trust is given below:

- a total of 9 bursaries have been awarded at a total cost of £9,000
- the cost to the Trust net of College contributions will be £7,752

The same process of contacting any remaining students still paying tuition fees under the old system will be carried out again next year; present information indicates that 3 applications may be expected in 2012-13 and the final one in 2013-14.

Cambridge Graduate Course in Medicine Bursary

A flat rate bursary of £3,375 is available to first year students on the Graduate Course in Medicine.

- a total of 13 bursaries have been awarded at a total cost of £44k
- a further 3 students have applied giving a full potential cost of up to £54k, but they have not yet provided financial evidence of their eligibility.
- the cost net of College contributions will be £53k if all are finalised

Table 4: GCMB Awards by College

College	No of	Total cost of awards	% of Total Costs	
College	awards	$\pounds k$	paid by College	
Hughes Hall	5	£17	2%	
Lucy Cavendish College	5	£17	2%	
Wolfson College	6	£20	2%	
Total	17	£54		

CAMBRIDGE EUROPEAN BURSARY SCHEME: ANNUAL REPORT 2011-12

The Trust continues to administer undergraduate bursaries for EU students matriculating from October 2010 onwards. In addition the Trust offers support to a small number of existing undergraduates previously funded by the Cambridge European Trust who are now proceeding to a fourth year of studies, and also deal on an *ad hoc* basis with any new requests from existing students who have undergone a change of financial circumstances since beginning their course. EU applicants for the PGCE and the Graduate Course in Medicine are also eligible, but they apply later in the year at the same time as UK applicants.

Application forms were provided to College Admissions Officers in December 2010 for distribution to offer-holders. These were returned in March together with supporting financial documents showing household income over the previous two years. Bursaries are awarded at the same rate for three years on the understanding that applicants will inform the Trust of any major changes in financial circumstances.

Decisions were communicated to Colleges in May 2011, and they were asked to pass on the information to the applicants. The Colleges then confirmed in late August whether each applicant had met the conditions of their admissions offer, and payment was made in October 2011.

The scheme was funded on the same basis as the Cambridge Bursary scheme, viz, 75% by the University, 15% by the Trust and 10% by the combined Colleges.

European Bursary Scheme Costs

All eligible applicants were awarded a bursary on a sliding scale up to £3,400 in line with the UK scheme. Two met the criteria (being over 21 when they started their undergraduate course and resident in Cambridge throughout the year) for a higher tier bursary of up to £5,650. The number of new offers made in May 2011 is shown below, together with the number eventually confirmed, with actual costs:

Table 5: New offers to applicants matriculating in 2011

College	Offers	Confirmed Awards	Total annual cost of awards £	% of Total Costs paid by College
Christ's College	4	3	5,400	10%
Churchill College	16	11	24,550	4%
Clare College	2	1	3,400	10%
Corpus Christi College	4	4	13,200	20%
Downing College	4	4	11,100	2%
Fitzwilliam College	4	1	200	2%
Girton College	8	5	17,000	4%
Gonville and Caius	3	2	6,800	20%
Homerton College	15	11	35,550	2%
Hughes Hall	1	1	3,400	2%
Jesus College	2	2	5,200	10%
King's College	10	6	12,300	20%
Lucy Cavendish College	4	3	6800	2%
Magdalene College	3	2	4,550	10%
Murray Edwards College	3	1	3,400	4%
Newnham College	12	7	18,700	10%
Pembroke College	3	2	4,200	4%
Peterhouse	6	3	10,200	35%
Queens' College	6	2	6,800	4%
Robinson College	3	2	6,800	2%
Selwyn College	3	3	5,600	2%
Sidney Sussex College	2	0	0	10%
St Catharine's College	7	6	19,400	4%
St Edmund's College	3	2	6,950	2%
St John's College	12	7	14,850	35%
Trinity College	19	12	37,400	35%
Trinity Hall	3	3	6,000	10%
Wolfson College	3	3	4,600	2%
Total	165	109	£294,350	

- 165 applications were received of which 9 were deemed ineligible.
- a total of **156 new** bursaries were offered for 2011-12 at a potential total cost of **£408k** per year for three years; however **46** applicants did not take up their places and a further **1** declined the bursary. The total cost was **£294k**
- 93 (59.6%) of the initial bursary offers, and 68 (62%) of those eventually taken up were at the maximum level. (One was at the mature rate.) A further 8 would have been at the maximum level save for deductions for additional income from other grants and awards, taking the figure to 101 (65%) of those offered and 75 (69%) of those taken up.
- the cost net of College contributions was approximately £257k;
- the total required College contributions to these bursaries is approximately £37k or 12.7 % of the total cost.

Numbers and costs by nationality are shown in table 6 below (confirmed awards)

Table 6: Numbers and costs by nationality

able of itallibers and costs	oj matiomai	iity
Nationality	No of awards	Total annual cost of awards
Austrian	4	7,800
British (ex-pat)	1	3,400
Bulgarian	7	19,950
Cypriot	5	9,650
Czech	5	13,650
Dutch	2	2,650
Estonian	2	5,200
Finnish	1	3,400
German	10	22,900
Greek	1	3,400
Hungarian	10	27,600
Icelandic	1	1,800
Italian	3	6,300
Latvian	3	7,100
Lithuanian	14	45,000
Polish	15	43,900
Romanian	16	41,300
Slovakian	6	20,400
Spanish	1	3,400
Swedish	2	5,550
Total	109	£294,350

Total Cost of Cambridge European Bursary Scheme

Some 98 students who had matriculated in 2010 were also awarded a bursary at the same rate as the previous year, while a further 3 from that cohort made late applications and received awards for the remaining two years of their course. 3 students who had received a bursary in the previous year had degraded. 3 students previously supported by the Cambridge European Trust were also awarded a bursary for their fourth year, together with 1 third year who had undergone a change in financial circumstances. The total cost of Cambridge European Bursaries in 2011-12 was therefore £554k. The cost net of College contributions was £488k.

Table 7 All Cambridge European Bursaries 2011-12

	1st Year	2nd Year	3rd Year	4th+ Yrs	Total
No of awards	109	101	1	3	214
Cost	£294k	£252k	£3k	£5k	£554k

Initial Results of the Cambridge European Bursary Scheme 2012-13

- 127 new applications were received for Cambridge European Bursaries for students matriculating in October 2012.
- Of these 7 were deemed ineligible and a further 10 applications were withdrawn before awards had been offered.
- 110 initial awards were offered, and of these 87 have been taken up. A further 2 late applications remain to be considered once details of household income are received.
- The cost of these bursaries will be calculated on a different basis from those in earlier years, owing to the changes in all the schemes to accompany the new fee regime from 2012.

Cambridge Bursary Scheme Schedule of Estimated Costs 2012-13

		£m	£m	£m
Bursaries Reserve Fund 2011-12 (Actual)				
Balance brought forward from 2010-11				0.37
Rec'd from University towards bursaries in 2011-12				5.41
Actual cost of bursaries to 30 June 2012:	CBS	7.19		
	CEBS	0.55		
	GCM	0.04	7.78	
Less paid by Colleges (c. 10.3%) and by Newton Trust (c. 15%)			(1.97)	
University Contribution (c. 74.7%)				(5.81)
Balance carried forward to 2012-13				(0.03)

This figure has been reconciled with the sum in the Trust's ring-fenced university contribution account at the end of June 2012, which shows a deficit of £30,881 owed by the University to the Trust.

Bursaries Reserve Fund 2012-13 (Estimated)

	£m	£m	£m
Balance brought forward from 2011-12			(0.031)
Estimated cost of new bursaries for old fee regime students in 2012-13		(4.500)	
Estimated cost of 2011-12 bursaries still to be paid	- 1	(0.080)	
Cost of European Bursaries for old fee regime students, 2012	- 1	(0.554)	
•	- 1	(5.134)	
Less paid by Colleges and Newton Trust (25%)	- 1	1.284	
University Contribution (75%)			(3.850)
Estimated cost of bursaries (incl GCM) for new fee regime students 2012	1.950		
Estimated costs of NSP awards	0.408		
Cost of European bursaries for new regime students in 2012	0.282	(2.640)	
Less paid by Colleges and Newton Trust (50%)		1.320	
University Contribution (50%)		-1	(1.320)
Estimated cost of new PGCE bursary scheme, 2012-13			(0.055)
(100% paid by university)			
Administration charge			(0.025)
Balance			5.281

OTHER RECURRENT TRUST SCHEMES

STUDENT COMMUNITY VOLUNTEERING FUND

Trustees agreed in March 2010 to discontinue the Community Related Vacation Projects Scheme, which had run for over ten years following an external donation for the purpose, and to offer instead a sum of £30,000 over three years for a new Student Community Volunteering Fund to be administered through the University's Office of External Affairs and Communications.

The programme aims to support the activity of student volunteers from the University by providing grants to student societies which organise such opportunities for students. The programme aims to benefit the personal and career development of the student volunteers, the community in which the students are volunteering and the University and Colleges. The Fund is intended as a seed corn fund for new or developing activity, rather than a source of recurrent funding, and is targeted particularly in support of UK-based activities.

In each round, grants of up to £500 per society are made, or in exceptional circumstances up to £1,000. More than one application per year may be made, but no one society will receive more than £1,000 in any one year.

A report on the first year of the scheme was provided to the Trustees in November 2011. Applications had been received from 22 societies, and of these 16 received funding amounting to a total of £8,200.

CAMBRIDGE HOME AND EUROPEAN SCHOLARSHIPS SCHEME

Aims and objectives

To award research scholarships to the best 'Home' (i.e. UK and EU) students who fail to gain support from public sources such as the Research Councils and the AHRC.

Policy

The Newton Trust agreed in 1997 to contribute £75,000 per annum for five years to a University-wide scheme of graduate studentship awards administered by the Board of Graduate Studies on the advice of Academic Division's Committee on Awards. During 2002-03 the Trustees agreed to extend the period of support for a further five years at £85,000 per annum, increased to £90,000 per annum in 2004.

In 2007-8 the Trust agreed to contribute £400,000 over three years towards the cost of an extra 25 awards in the Humanities to make up the shortfall in funding caused by the severe reduction in AHRC funding in that year's round.

With effect from 2009 onwards, Trustees agreed in 2008 to move away from their previous policy of making a fixed sum available each year, and instead to pay for the whole cost of three three-year PhD studentships beginning each year from 2009 to 2011, thus making nine in all. The studentships are awarded each April to the top-ranked students below the cut-off point for

the new AHRC block grant awards. Therefore only candidates in AHRC-supported subjects qualify for the studentships. Each studentship cost £18,364 in 2009/10, £18,784 in 2010/11 and £19,111 in 2011/12. In November 2011 the Trust agreed to support three new PhD studentships in 2012 and in 2013. These are now awarded on a partner funding basis to enhance the AHRC competition.

In November 2009, Trustees agreed to expand their support for the CHESS scheme to include grants for M.Phil. students. It is more difficult for students to obtain funding for Master's level programmes than for PhD support. This is particularly the case in the areas funded by the AHRC. There is evidence that a substantial number of first-class students are deterred from graduate study by the challenge of funding their first year. CHESS awards to M.Phil students now pay university fees plus £4000 for maintenance. They do not cover College fees, in the hope that most Colleges will waive this fee for its successful students.

Trustees originally agreed to fund five half-cost Newton Trust MPhil Studentships each year for four years starting in the year 2010-11, up to a total of £42,000 per year. In November 2011 the Trustees reviewed their policy after discussions with the Graduate Fees and Funding Office, and agreed to offer four MPhil studentships in 2012 and 2013 at a rate of fees plus a bursary of £4,000.

In March 2011 the Trust also agreed to give an extra £35,000 of support in 2011-12 to help to underwrite the shortfall caused by the reduction of AHRC support for Masters' courses. This is shown in the table below.

Table 9 CHESS Expenditure 2008-2012

	2008-9	2009-10 2010-11		2011-12	Totals
	£	£	£	£	£
Special funding in lieu of					
AHRC support	133,000	131,000	131,000	35,000	430,000
New funding for 2009-12					
PhD students		55,092	44,731	38,222	138,045
New funding for 2010-13					
PhD students			56,352	57,333	113,685
New funding for 2011-14					
PhD students				57,333	57,333
Funding for MPhil students					
2010-11			42,000		42,000
Funding for MPhil students					
2011-12				44,248	44,248
Totals	133,000	186,092	274,083	232,136	825,311

LECTURESHIP SCHEME FOR COLLEGE TEACHING OFFICERS (CTOs)

Aims and objectives

The aim of this scheme is to increase CTO involvement in Faculty teaching and the amount of University teaching available, to allow Faculties to choose such extra teachers from CTO ranks as they wish, to make it possible for the Tuition Funds of poorer Colleges¹ to afford the consequent reduction in the amount of CTO teaching, to provide a career training opportunity, and to achieve these aims through a scheme that is simple to operate. Tenure in these posts was initially limited to a maximum of ten years. In a review of the scheme in 2004 the maximum tenure was reduced to 8 years so as to offer greater opportunity to CTOs appointed by Colleges for short periods to compete for a post.

As reported in the previous annual report, the decision was taken in 2010-11 to wind the scheme up as vacancies occur over the next five years and not to make any new appointments.

Summary 2010-2011

Of the original 33 posts, 28.5 remained active in 2010-11; of these 1.5 are divided into half-posts. Three postholders were on leave during the academic year 2010-11: Dr Alexander, Dr MacNeill and Ms Goymour. It was reported last year that from October 2011 only 21.5 posts would remain, but the re-appointment of Dr Waring and Dr Dunajski raised the number to 23.5. From October 2012 it is expected that only 20.5 posts will be active.

The cost of the CTO scheme for the academic year 2010-2011 was £120,356 (2009-2010: £121,655, part of which was shown in the accounts for 2008-09). Costs for the academic year 2011-12 occurred during the following financial year.

Recent changes

Faculty of History

<u>Dr Richard Serjeantson</u> (Trinity College) was awarded the Crausaz-Wordsworth Interdisciplinary Fellowship in Philosophy for 2012-13 by CRASSH. Having been granted research and sabbatical leave from Truinity College during 2012-13, he requested a year's leave from the Scheme. His tenure has been extended to the end of September 2014.

Faculty of Law

Dr Emma Waring (St John's) was reappointed for a further three years from October 1st 2011.

Faculty of Modern and Medieval Languages

<u>Dr Charlotte Woodford</u> (Selwyn College) was awarded a British Academy Mid-Career Fellowship for 2011-12 and requested a year's leave from the Scheme. Her tenure has been extended to the end of September 2013.

Faculty of Mathematics

<u>Dr Maciej Dunajski</u> (Clare College) was reappointed for a further and final three years from October 1st 2011.

¹ A list of Colleges so designated is to be found in Appendix 3

TIME-LIMITED TEACHING FELLOWSHIPS SCHEME

Summary

The aims and objectives of this scheme are to strengthen the undergraduate supervision system at the less well-endowed Colleges, thereby helping to produce a more even playing field between well-endowed and less well-endowed Colleges; and to help to integrate some of the holders of Newton Additional Appointments and similarly placed postdoctoral researchers into College life.

Policy

The Trustees agreed in 2000 to make up to 25 posts available for young postdoctoral researchers to be elected to teaching Fellowships at the less well-endowed Colleges. The number of posts available under the scheme was increased from 25 to 30 in 2005. Each appointment may be held for up to 5 years. The duties of each person appointed include giving 4 hours per week of undergraduate supervision. In return the Trust pays the College £5,000 per annum toward the overheads involved.

Appointments made

10 applications for the scheme were received in July 2011, with an anticipated 9 vacancies due to arise by October 2011. All 10 were approved, but one subsequently resigned without having undertaken any teaching, and two further resignations during the year brought the total number of active posts to 28.

Costs of the Scheme

Due to the timing of payments, the cost of the scheme shown in the accounts for the financial year 2011-12 (£96,200) relate to the academic year 2010-11 when fewer posts were filled; it is to be noted that each year a number of post-holders give fewer hours of undergraduate supervision than anticipated, so that costs generally fall well below the budgeted amount of £150,000 per annum. Actual costs for the academic year 2011-12 will be approximately £111,000.

A full list of those presently appointed under the scheme follows below in table 10.

A list of Colleges eligible to participate in the scheme may be found in Appendix 3.

Table 10
Time-Limited Teaching Fellowship Scheme: Current Post-Holders

Surname	Forename	College	Department	From	End of post-doc
Awan	Shakil	Newnham College	Department of Engineering	01-Oct-12	30-Sep-13
Ben-Artzi	Jonathan	Pembroke College	DPMMS	01-Oct-12	30-Sep-14
Biberauer	Theresa	Downing College	Theoretical and Applied Linguistics	01-Oct-11	30-May-12
Bolton	Rosie	Selwyn College	Astrophysics	01-Oct-10	31-Sep-12
Brockington	Samuel	Girton College	Plant Sciences	01-Oct-11	01-Sep-13
Butlin	Tore	Queens' College	Engineering	01-Oct-08	30-Sep-15
Chalut	Kevin	Robinson College	Physics	01-Oct-11	01-Sep-16
Cindrova-Davies	Tereza	Lucy Cavendish College	Physiology, Development and Neuroscience	01-Oct-11	31-May-14
Crump	Colin	Robinson College	Pathology	01-Oct-10	30-Sep-13
Davies	Owen	Newnham College	Department of Biochemistry	01-Oct-12	30-Sep-14
Gadelha	Catarina	Newnham College	Pathology	01-Oct-10	31-Dec-12
Gair	Jonathan	St Catharine's College	Institute of Astronomy	01-Jan-08	30-Sep-12
Gall	Astrid	Lucy Cavendish College	Sanger Institute	01-Oct-11	30-Sep-14
Galloway	Warren	Pembroke College	Department of Chemistry	01-Oct-12	30-Sep-16
Garcia-Gancedo	Luis	Newnham College	Department of Engineering	01-Oct-11	30-Jun-12
Gibson	Jenny	Lucy Cavendish College	Department of Developmental Psychiatry	01-Oct-12	31-Jul-15
Griffiths	Paul	Robinson College	Department of Chemistry	01-Oct-12	30-Sep-16
Huggins	David	Pembroke College	Chemistry	01-Oct-08	30-Sep-13
Irving	David	Downing College	Faculty of Music	01-Oct-11	30-Sep-15
Jardine	Andrew	Fitzwilliam College	Physics	01-Oct-12	30-Sep-13
Lindon	Cath	Newnham College	Genetics	01-Oct-10	30-Sep-13
Lorber	Barbara	Newnham College	Centre for Brain Repair	01-Oct-10	30-Sep-13
Louden	James	Homerton College	Materials Science and Metallurgy	01-Oct-08	30-Sep-15
Marciniak	Stefan	St Catharine's College	CIMR	01-Oct-11	01-Oct-16
Paterson	Anna	Queens' College	School of Clinical Medicine	01-Oct-11	07-Aug-14
Rossi	Ana	Queens' College	Pharmacology	01-Oct-09	30-Apr-14
Stevens	Martin	Churchill College	Biological Sciences	01-Oct-10	30-Sep-14
Vriend	Nathalie	Newnham College	DAMTP	01-Oct-11	30-Jun-15

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APPENDICES

- **Appendix 1:** Audited accounts for financial year ended 30.6.12
- **Appendix 2:** General Fund Income and Expenditure Table 1990-2009
- **Appendix 3:** List of Colleges eligible for College Teaching Officer, Time- Limited Teaching Fellowships and Research Fellowship Schemes
- Appendix 4: Consolidated list of grants 2006 -2012

 Research grants awarded (by Department) Yellow Table

 Index to Yellow Table

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Report and Financial Statements

30 June 2012

REPORT AND FINANCIAL STATEMENTS 2011-12

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ISAAC NEWTON TRUST TRUSTEES' REPORT FOR 2011-12

Introduction

The Trustees present herewith their annual report and audited financial statements for the year ended 30 June 2012. The legal and administrative information on page 4 also forms part of this report.

The financial statements have been prepared in accordance with the Statement of Recommended Practice "Accounting and Reporting by Charities" (issued March 2005 and updated in 2008).

Objects and Purposes of the Trust

The object of the Trust is to promote assist and further education learning and research in the University of Cambridge.

Public Benefit

The Trustees confirm that they have complied with Section 4 of the Charities Act 2011 by giving due regard to the guidance on public benefit published by the Charities Commission, and in particular to its two key principles, that there must be identifiable benefit and that the benefit must be to the public or a section of the public. The Trustees are satisfied that the activities and purpose of the Trust, as described in this report and the accompanying accounts, fully meet the public benefit requirements.

The activities of the Trust contribute to public benefit by providing research grants and other assistance to departments and individuals in the University, which is itself a charity, and by providing and administering bursaries, grants and other assistance to UK and EU students at the University. Bursaries, grants and other assistance are awarded on an objective basis in accordance with advertised selection criteria.

Structure, Governance and Management

The Trust was founded by Trust Deed dated 22 November 1988. It is an exempt charity governed by its Trustees, who meet at least three times per year. Day-to-day management is delegated by the Trustees to the Director, and through the Director to other staff.

Recruitment, Induction and Training of Trustees

The Trustees, of whom there are at least eight, are appointed by the Council of Trinity College Cambridge, initially to serve for three years, and may be reappointed up to a maximum of nine consecutive years. New Trustees are normally selected, after consultation with the continuing Trustees, from among senior members of the University and/or the College. They are appointed because of their particular expertise and will usually have had appreciable experience of serving on boards and administering charities. Two of the Trustees are appointed ex officio by virtue of holding senior posts in Trinity College, namely Master and Vice-Master.

New Trustees are sent, before their first meeting, information about the Trust in the form of the founding Deed and recent Annual Reports, as well as copies of relevant Charity Commission leaflets for trustees.

Activities of the Trust during the year to 30 June 2012

The activities of the Trust are described in detail in the Annual Report which, in accordance with the Trust Deed, is sent each year to the Council of Trinity College Cambridge. A copy of the Annual Report, which does not form part of this report, is available from the Trust.

During the year to 30 June 2012 the main activities of the Trust were, as in previous years;

- making grants to Departments, Colleges and other bodies in the University for research, teaching or equipment; and
- (ii) running various schemes for grants to individuals in the University, in particular the Cambridge Bursary Scheme for UK undergraduates, the CHESS scheme for graduate students, the College Teaching Officer scheme, and the Time-Limited Teaching Fellowships scheme.

ISAAC NEWTON TRUST TRUSTEES' REPORT FOR 2011-12

Financial Review

Details of income and expenditure are set out in the Statement of Financial Activities on page 7, and the Balance Sheet as at 30 June 2012 on page 8, with a cash flow statement and notes to the accounts on pages 6 to 16. The results show an excess of expenditure over income of almost £1.3 m, arising partly from a deliberate policy of reducing reserves. Coupled with a decrease in valuation of investment assets, this led to a decrease of almost £2.3m (to £22.5m) in total funds carried forward. The Financial and Strategic Review section of the Annual Report, which does not form part of this report, discusses the Trust's financial situation in more detail.

Investment Policy

The Trust's Treasurer arranges periodic meetings of the Trust's Investment Sub-committee to discuss policy and performance.

Investment of assets in securities has been entrusted to a professional firm, under an investment management agreement. There is a Statement of Investment Policy and Objectives, encouraging maximum total return but with the desire to maintain a steady flow of income (or agreed amount available for spending) increasing (averaged over five years) in line with UK average earnings excluding bonuses, and if possible with capital value increasing in a similar way. The aim is to take minimum risk commensurate with achieving these objectives, with a diverse portfolio of marketable investments capable of valuation, made so far as possible through regulated markets.

During the year the decision was taken to transfer some investment funds to the Cambridge University Endowment Fund, to widen the range of investment expertise being called upon. Some £6m will be transferred in this way during 2012-13.

Resources and future outlook

Although in recent years there have been substantial amounts of voluntary donation to the Trust by individuals and organisations, £164k in 2011-12 down from the peak of £327k the previous year, the main income of the Trust is, and is likely to continue to be, the regular substantial donation from Trinity College Cambridge, which founded the Trust in 1988. This donation is currently promised by the College to be £2.5m per year for the next two years. Each year the College considers making a further donation of the same amount for a further year ahead, so that the Trustees can rely on secure income for some years. In recent years the College has also made a smaller additional donation, taking one year at a time. However, evidently because of the level of investment reserves held by the Trust, the College this year declined to promise a further year or make an additional donation – so that the Trust's total income from the College in 2011-12 was just the promised £2.5m (plus almost £91k from the College's share of certain matching funds from the government).

The annual grant from the University towards the Cambridge Bursary Scheme (£5.41m) is a contribution to a separate fund that pays the University's share of the costs of the Bursary Scheme throughout the year. Payments in and out will be made for as long as the Trust administers the Bursary Scheme.

The Trust has built up substantial capital reserves, so that it is able to meet all its current commitments. More detailed future plans are discussed in the Financial and Strategic Review section of the Annual Report, which does not form part of this report.

Reserves policy

The Trust does not maintain a separate Reserve Fund. However, the Trustees do not enter into commitments further ahead than five years, and regularly consider what level of expenditure could be sustained, and for how long, were income to cease. The Trustees control the number, size and duration of grants made, and expenditure generally, in such a way that the Trust's activities could be reduced or ended in an orderly fashion, with investments realised, in the event that support from the College were to cease entirely. The Trustees consider that this policy is sufficiently prudent in the circumstances.

ISAAC NEWTON TRUST TRUSTEES' REPORT FOR 2011-12

Risk management

Although there is as yet no formal Risk Register, the Trustees do from time to time consider the possible risks that the Trust faces, not only the financial risk (which leads to the reserves policy set out above), but also the possible loss of important members of staff, and possible risk to reputation (for example, arising from the distribution of its grants across subjects). Steps are taken to minimise such risks when they are identified. In 2006 the University took over from the Trust the role of ultimate guarantor and underwriter of the Cambridge Bursary Scheme. The Trust is legally obliged to give six months' notice of its intention to discontinue administering the Scheme, though there is an informal understanding that it should give three years' notice. Trust grants are given to Departments and equivalent bodies, which have to declare in advance their willingness to administer the grant, including willingness to take on all the associated employment responsibilities.

Statement of Trustees' Responsibilities

The Trustees are responsible for preparing the Trustees' Report and the financial statements in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice).

The law applicable to charities in England & Wales 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 charity and of the incoming resources and application of resources of the charity for that period. In preparing these financial statements, the Trustees are required to:

- select suitable accounting policies and then apply them consistently;
- observe the methods and principles in the Charities SORP;
- 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 unless it is inappropriate to presume that the charity will continue in business.

The Trustees are responsible for keeping proper accounting records that disclose with reasonable accuracy at any time the financial position of the charity and enable them to ensure that the financial statements comply with the Charities Act 2011, the Charity (Accounts and Reports) Regulations 2008 and the provisions of the Trust Deed. They are also responsible for safeguarding the assets of the charity and, hence, for taking reasonable steps for the prevention and detection of fraud and other irregularities.

Approved by the Trustees on 26th November 2012

Signed on behalf of the Trustees

Rosert Mair

ISAAC NEWTON TRUST LEGAL AND ADMNISTRATIVE DETAILS

PATRON

H.R.H the Prince of Wales

TRUSTEES

The Trustees for the year were the following:

Professor N O Weiss (Chairman)

Professor S Collini

Professor D T Fearon

Professor S C Franklin

Professor R J Mair (from October 2011)

Professor D McKitterick (from February 2012)

Professor S C Ogilvie

Professor M R E Proctor (until February 2012)

Professor Lord Rees

Professor Dame A M Strathern

Professor Sir G Winter

TRUST ADDRESS

Trinity College Cambridge CB2 1TQ

AUDITORS

PricewaterhouseCoopers LLP Abacus House Castle Park Cambridge CB3 0AN

LEGAL STATUS

The trust was established by means of a Deed of Trust dated 22 November 1988.

The Trust is an exempt charity.

OFFICERS

Professor J P Parry (Director)

Dr C T Morley (Treasurer)

INDEPENDENT AUDITORS' REPORT TO THE TRUSTEES OF THE ISAAC NEWTON TRUST

We have audited the financial statements of the Isaac Newton Trust for the year ended 30 June 2012 which comprise the Statement of Financial Activities, the Balance Sheet, the Cash flow statement, the notes to the cash flow statements, the Statement of Accounting Policies and the related notes. These financial statements have been prepared under the accounting policies set out therein.

Respective responsibilities of trustees and auditors

As explained more fully in the Statement of Trustees' Responsibilities set out on page 3, the trustees are responsible for the preparation of financial statements which give a true and fair view.

Our responsibility is to audit and express an opinion on the financial statements in accordance with applicable law and International Standards on Auditing (UK and Ireland). Those standards require us to comply with the Auditing Practices Board's Ethical Standards for Auditors.

This report, including the opinions, has been prepared for and only for the Charity's trustees as a body in accordance with section 144 of the Charities Act 2011 and regulations made under section 154 of that Act (Regulation 30 of The Charities (Accounts and Reports) Regulations 2008) and for no other purpose. We do not, in giving these opinions, 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.

Scope of the audit of the financial statements

An audit involves obtaining evidence about the amounts and disclosures in the financial statements sufficient to give reasonable assurance that the financial statements are free from material misstatement, whether caused by fraud or error. This includes an assessment of: whether the accounting policies are appropriate to the charity's circumstances and have been consistently applied and adequately disclosed; the reasonableness of significant accounting estimates made by the Trustees; and the overall presentation of the financial statements. In addition, we read all the financial and nonfinancial information in the annual report of the Trustees to identify material inconsistencies with the audited financial statements. If we become aware of any apparent material misstatements or inconsistencies we consider the implications for our report.

Opinion on financial statements

In our opinion the financial statements:

- give a true and fair view of the state of the Charity's affairs as at 30 June 2012, and of its incoming resources and application of resources and cash flows, for the year then ended;
- have been properly prepared in accordance with United Kingdom Generally Accepted Accounting Practice;
- have been prepared in accordance with the requirements of the Charities Act 2011 and Regulation 15 of The Charities (Accounts and Reports) Regulations 2008;

Matters on which we are required to report by exception

We have nothing to report in respect of the following matters where the Charities Act 2011 requires us to report to you if, in our opinion:

- the information given in the Trustees' Annual Report is inconsistent in any material respect with the financial statements; or
- · sufficient accounting records have not been kept by the Charity; or
- . the Charity's financial statements are not in agreement with the accounting records and returns; or
- we have not received all the information and explanations we require for our audit.

Procenate house Coopers LLP

PricewaterhouseCoopers LLP

Chartered Accountants and Statutory Auditors

Cambridge

3 December 2012

PricewaterhouseCoopers LLP is eligible to act, and has been appointed, as auditor under section 144(2) of the Charities Act 2011

- a) The maintenance and integrity of the Isaac Newton Trust website is the responsibility of the trustees; the work carried out by the auditors does not involve consideration of these matters and, accordingly, the auditors accept no responsibility for any changes that may have occurred to the financial statements since they were initially presented on the website.
- b) Legislation in the United Kingdom governing the preparation and dissemination of financial statements may differ from legislation in other jurisdictions.

STATEMENTS OF FINANCIAL ACTIVITIES FOR THE YEAR ENDED 30 JUNE 2012

INCOMING RESOURCES	Note	Unrestricted Funds Year ended 30 June 2012	Restricted Funds Year ended 30 June 2012 £	Total Funds Year ended 30 June 2012 £	Total Funds Year ended 30 June 2011
Incoming resources from generated funds:			-	-	
Voluntary income	1	2,755,069	5,410,000	8,165,069	8,077,226
Investment income	2	458,076	167,700	625,776	602,052
TOTAL INCOMING RESOURCES		3,213,145	5,577,700	8,790,845	8,679,278
RESOURCES EXPENDED Cost of generating funds:					
Investment management costs		(36,617)	86	(36,617)	(31,959)
Charles and Market					
Charitable activities: Direct charitable costs	3	(4,108,282)	(5,784,603)	(9,892,885)	(9,219,077)
Support costs	3	(138,365)	(3,764,000)	(138,365)	(126,076)
Governance costs	4	(4,582)		(4,582)	(1,763)
TOTAL RESOURCES		1,1227		1.11-2-1	1
EXPENDED		(4,287,846)	(5,784,603)	(10,072,449)	(9,378,875)
NET (OUTGOING) RESOURCES FROM OPERATIONS BEFORE TRANSFERS: Transfer between funds	6	(1,074,701) 241,108	(206,903) (241,108)	(1,281,604)	(699,597)
NET (OUTGOING) RESOURCES FOR THE YEAR		(833,593)	(448,011)	(1,281,604)	(699,597)
OTHER RECOGNISED GAINS AND LOSSES					
Realised and unrealised profit on revaluation of investment assets	7	(731,530)	(252,111)	(983,641)	2,339,894
TOTAL OTHER RECOGNISED					
GAINS AND LOSSES		(731,530)	(252,111)	(983,641)	2,339,894
NET MOVEMENT IN FUNDS		(1,565,123)	(700,122)	(2,265,245)	1,640,297
TOTAL FUNDS BROUGHT FORWARD	10	18,443,117	6,335,883	24,779,000	23,138,703
TOTAL FUNDS CARRIED FORWARD	10	16,877,994	5,635,761	22,513,755	24,779,000
					12 1 - 1414

The statement of accounting policies and notes to the accounts on pages 10 to 16 form part of the financial statements. All transactions derive from continuing activities.

BALANCE SHEET 30 June 2012

	Note		2012		2011
		3	£	£	£
FIXED ASSETS					
Investments	7		20,241,421		21,086,349
			20,241,421		21,086,349
CURRENT ASSETS					
Debtors	8	60,469		71,704	
Cash at Bank and in hand		2,345,396		3,739,435	
			2,405,865		3,811,139
CREDITORS: amount falling due within one year			(133,531)		(118,488)
NET CURRENT ASSETS		-	2,272,334		3,692,651
NET ASSETS			22,513,755		24,779,000
THE CHARITABLE FUNDS					
Restricted funds	10		5,635,761		6,335,883
Unrestricted funds	10		16,877,994	J	18,443,117
TOTAL CHARITABLE FUNDS			22,513,755		24,779,000
				_	

The statement of accounting policies and notes to the accounts on pages 10 to 16 form part of these financial statements.

These financial statements were approved by the trustees on 26 November 2012.

Signed on behalf of the trustees

CASH FLOW STATEMENT FOR THE YEAR ENDED 30 JUNE 2012

	Note		Year ended 30 June 2012		Year end ended 30 June 2011
		£	£	£	£
Net cash (outflow) from operating activities	Α		(1,255,326)		(678,798)
Capital expenditure and financial investment					
Net movement on investments	7	(138,713)		403,325	
Net cash inflow/(outflow) from capital expenditure and financial investment			(138,713)		403,325
(Decrease) in cash		2	(1,394,039))-	(275,473)
Net funds at the start of the year			3,739,435		4,014,908
Net funds at the end of the year			2,345,396		3,739,435
NOTES TO THE CASH FLOW STATEM	ENT FOR	THE YEAR	R ENDED 30 JU	JNE 2012	
			Ye	ar ended 30 June 2012	Year ended 30 June 2011
A. RECONCILIATION OF NET (OUTG			TO NET	£	£
Net incoming/(outgoing) resources			(1,	281,604)	(699,597)
(Increase)/decrease in debtors Increase/(decrease) in creditors				11,235 15,043	(39,960) 60,759
Net cash (outflow) from operating ac	tivities		(1	255,326)	(678,798)

STATEMENT OF ACCOUNTING POLICIES

Year ended 30 June 2012

The financial statements have been prepared in accordance with the Statement of Recommended Practice "Accounting by Charities" SORP 2005 issued March 2005 (and updated in 2008) and applicable United Kingdom accounting standards. The particular accounting policies adopted by the Trustees are described below.

Accounting convention

The financial statements are prepared under the historical cost convention as modified by the revaluation of investments to market value.

Going concern

The Trustees are confident that the charity has adequate funds and resources to continue operating for the foreseeable future and is well placed to manage its business risks successfully despite the current uncertain economic outlook. For this reason, they continue to adopt the going concern basis in preparing the financial statements.

Fund accounting

The charity maintains various types of funds as follows:

Restricted funds

Restricted funds represent grants, donations and legacies received which are allocated by the donor for specific purposes.

General unrestricted funds

General unrestricted funds represent income which is expendable at the discretion of the Trustees in the furtherance of the objects of the charity. Such funds may be held in order to finance both working capital and capital investment.

Incoming resources

All income is recognised in the statement of financial activities when the conditions for receipt have been complied with.

Voluntary income

Voluntary income (donations) are reported gross and the related fund-raising costs are reported in other expenditure.

Investment income

Investment income is accounted for when receivable.

Charitable expenditure

Liabilities are recognised as resources expended as soon as there is a legal or constructive obligation committing the charity to the expenditure. Charitable expenditure is accounted for on an accruals basis and includes all expenditure directly related to the objects of the charity and comprises the following:

Grants and bursaries

Scholarship and bursaries are accounted for when the Trustees have accepted a legal obligation to make the award.

Support costs

Support costs are allocated to activity cost categories on a basis consistent with the use of resources.

STATEMENT OF ACCOUNTING POLICIES (continued)

Governance costs

Governance costs comprise all costs involving the public accountability of the charity and its compliance with regulation and good practice. These costs include costs related to the audit.

Irrecoverable VAT

The Trust is not registered for VAT. Irrecoverable VAT is charged against the category of expenditure for which it was incurred.

NOTES TO THE ACCOUNTS

Year ended 30 June 2012

1. VOLUNTARY INCOME

	Year ended 30 June 2012	Year ended 30 June 2011
	£	£
Unrestricted funds		
Armourers & Brasiers Gauntlet Trust	2,000	2,000
Atlantic Philanthropies (Bursary Scheme Evaluation)		9,000
Boeing (via CUDO*)	7,500	7,500
Citi (via CUDO*)	4	99,054
Man Group (via CUDO*)	45,000	43,500
Pilgrim Trust (via CUDO*)		20,000
Russell Group (Dangoor Scholars) (via CUDO*)	67,000	33,500
Thermo Fisher (via CUDO*)		15,000
From P T Boyle	-	30,000
External donations via CUDO* or Trinity College for bursaries	32,816	45,541
Subtotal towards bursaries	154,316	305,095
Other external donations via CUDO* or Trinity College	9,959	22,131
From Trinity College(Share of Government matched funds)	90,794	
Trinity College	2,500,000	2,800,000
Total Unrestricted funds	2,755,069	3,127,226
Restricted funds		
University of Cambridge (for bursaries)	5,410,000	4,950,000
Total restricted funds	5,410,000	4,950,000
	8,165,069	8,077,226
*The Cambridge University Development Office.		
2. INVESTMENT INCOME		
	Year ended 30 June 2012	Year ended 30 June 2011
	£	£
Dividends	615,477	590,935
Interest	10,299	7,595
Othor		0.500
Other		3,522

3. CHARITABLE ACTIVITIES

	Year ended 30 June 2012	Year ended 30 June 2011
	£	£
Grants/bursaries paid		
Bursaries - Old Scheme	24,664	91,204
- Current (Camb. Bursary) Scheme: - Newton	1,199,824	1,220,755
- Current (Camb. Bursary) Scheme: - University	5,784,603	5,036,248
Dangoor Scholarships	44,000	44,000
Careers Service Internship Bursaries	10,000	
Subtotal – bursaries expenditure	7,063,091	6,392,207
Grants	2,370,521	2,415,190
Cambridge Home and European Scholarship Scheme	232,136	272,553
College Teaching Officer Schemes	120,937	28,252
Time Limited Teaching Fellowships	96,200	100,875
Student community volunteer fund	10,000	10,000
	9,892,885	9,219,077
Support costs:		
Staff costs	126,248	113,573
Accommodation	6,849	4,915
Miscellaneous	5,268	7,588
	138,365	126,076
	10,031,250	9,345,153
4. GOVERNANCE COSTS		
	Year ended 30 June 2012	Year ended 30 June 2011
	£	£
Audit fee	1,920	1,763
Legal fees	2,662	1,705
7.00	4,582	1,763
	4,002	1,700

5. INFORMATION REGARDING EMPLOYEES AND TRUSTEES

There were 5 (2011:5) employees during the year.

Total staff costs comprised of:

	Year ended 30 June 2012	Year ended 30 June 2011
	£	£
Wages and salaries	105,240	96,703
Social security costs	7,487	7,262
Pension contributions	13,521	9,608
	126,248	113,573

No trustees, or person related to them, have received any remuneration or reimbursement of expenses from the trust during the year (2011 - nil).

6. NET OUTGOING RESOURCES FROM OPERATIONS BEFORE TRANSFERS

	Year ended 30 June 2012	Year ended 30 June 2011
	£	£
Net outgoing resources for the year is stated after charging:		
Auditors' remuneration		
 audit fee payable for annual accounts 	1,920	1,763
7. INVESTMENTS HELD AS FIXED ASSETS		
Ne Buydaniadysyncalae salesiaesere	2012	2011
	2012 £	2011 £
Market value at 1 July		The state of the s
Net investment gains/(losses)	21,086,349	19,149,780
(Disposals)/additions	(983,641)	2,339,894
(Disposais)/additions	138,713	(403,325)
	20,241,421	21,086,349
Investments comprise the following:		
Fixed interest	5,961,636	6,023,248
Equities	14,279,785	15,063,101
	20,241,421	21,086,349

8. DEBTORS

	2012	2011
	£	£
Loan to Department of Zoology	8,200	16,400
Amounts due from Trinity College		36,629
Tax refund	12,658	18,675
Proceeds from sales of investments	39,611	
	60,469	71,704

The loan to the Department of Zoology is interest free and is repayable in annual instalments over a five year period, with the final repayment due during the year ending 30 June 2013.

Amounts due from Trinity College represent donations received by them on behalf of the Isaac Newton Trust.

9. ANALYSIS OF ASSETS AND LIABILITIES BETWEEN FUNDS

	Restricted funds	Unrestricted funds	Total 2012 £	Total 2011 £
Fixed assets:				
Investments	5,370,223	14,871,198	20,241,421	21,086,349
Current assets:				CONTRACT.
Debtors	10,581	49,888	60,469	71,704
Cash	254,957	2,090,439	2,345,396	3,739,435
Current liabilities		(133,531)	(133,531)	(118,488)
	5,635,761	16,877,994	22,513,755	24,779,000
				CONTRACTOR OF THE PARTY OF THE

10. MOVEMENT IN FUNDS

	Balance at 1 July 2011	Voluntary income	Investment	Expenditure	(To)/from other accounts	(Decrease)/Increase in value of investment	Balance at 30 June 2012
	£	£	£	£	£	£	£
Restricted funds							
Newton Bursaries Endowment Fund	5,961,212	-	167,700	5	(241,108)	(252,111)	5,635,693
Cambridge University Bursaries Fund	374,671	5,410,000	3	(5,784,603)	2		68
	6,335,883	5,410,000	167,700	(5,784,603)	(241,108)	(252,111)	5,635,761
Unrestricted funds	18,443,117	2,755,069	458,076	(4,287,846)	241,108	(731,530)	16,877,994
	24,779,000	8,165,069	625,776	(10,072,449)		(983,641)	22,513,755

Note to Restricted Funds

Newton Bursaries Endowment Fund: This relates to funding from Trinity College to support the provision of an expendable endowment to produce income for bursaries for UK students.

Cambridge University Bursaries Fund: This relates to funding from the University of Cambridge to support the provision of bursaries.

The transfer between the funds represents the interest earned on the amounts received from the University and a set percentage of the total assets of the Newton Bursaries Endowment Fund. The trustees have agreed with the donor of the Newton Bursaries Fund, that each year from 1 July 2012, a transfer would be made to unrestricted funds to cover the costs of the trust.

11. RELATED ACTIVITIES

Certain of the Trustees are also Trustees of Trinity College, which provides accommodation for the trust and recharges the trust for salaries of employees and officers. In the year there were recharges, for these and other costs incurred by the Trust but initially paid for by Trinity College, of £174,982 (2011: £158,035) and at the year end an amount of £133,531 (2011: £118,488) was outstanding. These amounts have since been paid. Trinity College donated £2,500,000 (2011: £2,800,000) to the trust during the year. In addition during the year Trinity College received donations on behalf of the Isaac Newton Trust and at the year end an amount of nil (2011: £36,629) was owed by Trinity College to the trust.

12. CAMBRIDGE UNIVERSITY BURSARIES FUND

Included within restricted funds is an amount funded by the University of Cambridge. The amount included within restricted funds at the year end associated with the donations from the University of Cambridge is set out below:

	£
Contributions Received from the University of Cambridge up to 30/6/11	15,190,000
Interest to 30/6/11	126,429
Less paid through Newton Trust for Bursary Scheme up to 30/6/11	(14,941,758)
Balance held at 1/7/11	374,671
Contributions Received from the University of Cambridge in the year	5,410,000
Subtotal	5,784,671
Less Paid through Newton Trust for Bursary Scheme (incl. Balance remaining at 30/6/11)*	(5,815,620)
	(30,949)
Balance held**	68
Shortfall at 30/6/12	(30,881)

^{*} Includes bursaries paid from unrestricted funds, which it is expected to be refunded by the University of Cambridge during the year ending 30 June 2013

^{**} Held as a ring-fenced fund with the Yorkshire Bank (CB a/c) and included within the Cash at Bank and in hand figure of £2,345,396.

GENERAL FUND (£000's)
STATEMENT OF INCOME AND EXPENDITURE AS AT 31 Jan 2009

## 5000 1000 1000 1000 1000 1000 2000 2000	Year ended 31.1	1990	1881	1992	1993	1994	1995	1896	1997	Actual 1998	1999	2000	2001	2002	2003	2004	2005	2008	2007	2008	2009
\$000 1000 1000 1000 1000 2000 2000 2000	salance at start of year		5804	7173	7758								14059	_			11280	11822	14237	15247	15088
10 0 2 16 21 19 28 41 81 113 44 317 280 327 312 262 177 218 5616 1873 1836 1891 1664 1694 2688 2753 2704 2753 2670 3004 3052 2881 2830 2800 2776 3478 5616 1873 1836 1891 1664 1694 2688 2753 2704 2753 2670 3004 3052 2881 2830 2800 2776 3478 5826heme (CET) 10 12 21 46 48 46 70 57 68 68 70 831 320 1668 1730 1731 1996 1732 1731 1731 1732 1731 1732 1731 1896 1963 1734 1731 1896 1963 1731 1731 1731 1732 1731 1896 1963 1731 1731 1731 1731 1731 1731 1731 17	VCOME rinity College	2000	1000	1000	1000	1000	1000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2500	2500	2800
und (thormus) trained by the control of the control	ther Donors: for bursaries	10	0	2	10	21	118	28	4	81	113	4	317	280	327	312	262	177	213	181	323
6616 1873 1836 1891 1684 1684 2688 2753 2704 2753 2670 3094 3052 2981 2939 428 402 468 773 5616 1873 1836 1891 1684 1684 2688 2753 2704 2753 2670 3094 3052 2981 2939 2860 2776 3478 5616 1873 1836 1891 1684 1684 2688 2753 2704 2753 2670 3094 3052 2981 2939 2860 2776 3478 5616 1873 1836 1891 1684 1684 2688 2753 2704 2753 2670 3094 3052 2981 2939 2860 2776 3478 5617 1873 141 175 216 257 310 357 334 386 754 633 869 891 148 148 149 140 139 117 107 107 107 108 108 119 110 110 110 110 110 110 110 110 110	ewton Bursaries Endowment Fund (fi	ormula tra											181	223	48	139	170	191	228	294	272
96 16 1873 1838 1891 1864 1594 2888 2753 2704 2753 2670 3094 3052 2981 2939 2860 2776 3478 73 141 175 216 267 310 367 334 396 754 633 869 991 986 1053 1028 835 110 8 50 56 46 47 104 117 107 18 140 148 149 149 140 149 140 140 150 150 182 19 276 1077 1224 1530 1385 1368 1368 1700 2356 1492 1144 1556 2148 1885 1758 1171 1623 10 12 21 46 46 70 57 68 66 70 97 96 94 97 94 110 120 120 29 361 1239 1445 1839 1773 1896 1953 2276 3068 2575 2291 3018 3740 3565 3526 2885 3122 1437 1534 5604 7773 7758 8796 10629 11784 12740 13133 14059 15191 1337 10328 11260 11822 1423 15347 155	ividends, interest and IPR	909	873	834	876	983	575	980	7112	623	840	826	919	548	480	383	428	402	468	445	52
Emeron Bursaries* 73 141 175 216 267 310 357 334 396 754 633 859 991 986 1053 1028 835 and blustanies scheme (CET) 347 6 88 125 130 128 80 149 148 148 149 140 110 110 107 100 110 110 110 110 110 11	pecial Donations A, B and C** ther Donors: Opportunities Fund															8		0	73	22	35
Eme on Bursanies* 73 141 175 216 257 310 357 334 396 754 633 859 991 966 1053 1028 835 335 334 396 754 633 859 991 966 1053 1028 835 310 334 396 754 633 859 991 966 1053 1028 835 310 334 345 345 345 345 345 345 345 345 345	OTAL INCOME""	5816	1873	1836	1881	1684		2688	2753	2704	2753	2670	3094	3052	2981	2939	2860	2778	3478	3479	3950
rice on Bursaries* 73 141 175 216 257 310 357 334 396 754 633 859 991 966 1053 1028 835 836 836 836 836 1053 1028 835 836 836 83 836 836 1053 1028 835 836 836 836 836 836 836 836 836 836 836	CPENDITURE		117		13	11						1		117	11						
arch Studentships Students Scheme Lellowships Scheme Lellowships Scheme Lellowships Scheme Lord Students Scheme Lord Studentships	ust expenditure on Bursaries"		73	141	175	216	257	310	357	334	386	754	633	859	188	996	1053	1028	835	745	689
arch Students bips sheme (CET) students Scheme (CET) sacratic Students Scheme (CET) sacratic Students Scheme (CET) sacratic Students hips Scheme hips Scheme (CET) sacratic Students hips Scheme (CET) sacratic St	ro Schemes					47	91	88	125	130	128	80	149	148	148	146	138	117	107	111	118
Suddents Scheme	omestic Research Studentships										75	75	75	75	0	75	82	98	110	8	223
Solution Scheme (CET) search Studentships Scheme (CET) sted grants scheme 19 276 1077 1224 1530 1385 1368 1368 1700 2356 1492 1144 1556 2148 1885 1758 1171 1623 sted grants scheme 10 12 21 46 46 46 70 57 66 68 70 97 99 99 99 97 99 1171 1623 IDITURE**** 29 361 1236 1445 1839 1773 1896 1853 2276 3068 2575 2291 3018 3740 3565 3526 2885 3122 of Year 5604 7173 7758 8798 10882 8946 10689 11784 12740 13133 14059 15191 13367 10328 11260 11822 14237 15247	K Research Students Scheme						0	20	28	48	47	104	117	107	118	125	140	6	5	12	
Studentships Scheme (CET) ated grants scheme 19 276 1077 1224 1530 1385 1368 1358 1700 2356 1492 1144 1556 2148 1885 1758 1771 1623 10 12 21 46 48 46 70 57 66 68 70 97 96 94 97 94 110 120 10 12 21 46 48 48 70 57 68 68 70 97 96 94 97 94 110 120 10 12 21 46 48 173 1896 1953 2276 3088 2575 2291 3018 3740 3565 3528 2885 3122 10 14 57 -12 592 2341 -1857 921 325 528 708 831 329 -1858 -2280 1558 1228 2524 654 10 15 57 -12 582 2341 -1857 921 325 528 708 15191 13367 10328 11260 11822 14237 15247	me-Limited Fellowships Scheme													32	26	88	11	86	73	90	6
ated grants scheme 19 276 1077 1224 1530 1385 1368 1358 1700 2356 1492 1144 1556 2148 1885 1758 1171 1623 10 12 21 46 46 70 57 66 66 70 97 96 94 97 94 110 120 10 12 21 46 48 70 57 66 68 70 97 96 94 97 94 110 120 10 12 21 46 48 173 1896 1953 2276 3088 2575 2291 3018 3740 3565 3528 2885 3122 10 12 21 46 48 173 1896 1953 1276 3088 2575 2291 3018 3740 3565 3528 2885 3122 10 12 29 361 1239 1445 1839 1773 1896 1953 2276 3088 2575 2291 3018 3740 3565 3528 2885 3122 10 12 21 48 48 173 1896 19659 11784 12740 13133 14059 15191 13367 10328 11260 11822 14237 15247	Iropean Research Studentships Sch	eme (CET)											28	122	182	180	158	182	182	0	298
10 12 21 46 46 70 57 66 68 70 97 90 144 1556 2148 1885 1758 1171 1623 10 12 21 46 46 46 70 57 66 68 70 97 96 94 97 94 110 120 IDITURE**** 29 361 1236 1445 1839 1773 1896 1953 2276 3068 2575 2291 3018 3740 3565 2685 3526 2685 INVESTMENTS 40 48 46 70 57 66 68 70 97 96 94 97 94 110 120 IDITURE**** 29 361 1236 1445 1839 1773 1896 1953 2276 3068 2575 2291 3018 3740 3565 3526 2685 3122 IDITURE**** 30 361 1236 1435 1435 1435 1435 1435 1435 1435 1435	ommunity-related grants scheme												20	33	23	33	22	22	21	18	23
10 12 21 46 48 46 70 57 66 66 70 97 96 94 97 94 110 12	her grants (mainly research)	9	276	1077	1224	1530	1385	1368	1358	1700	2356	1492	4	1556	2148	1885	1758	11711	1623	1816	1986
E*** 29 361 1239 1445 1839 1773 1896 1953 2276 3068 2575 2291 3018 3740 3565 3526 2885 3122 ints 17 57 -12 592 2341 -1857 921 325 528 708 831 329 -1858 -2280 1568 1228 2524 654 5804 7173 7758 8796 10882 8846 10859 11784 12740 13133 14059 15191 13367 10328 11280 11822 14237 15247	Iministration	10	12	21	46	84	46	70	29	99	99	22	18	8	8	16	g	110	120	152	165
ints 17 57 -12 592 2341 -1857 921 325 528 708 831 329 -1858 -2280 1558 1228 2524 854 854 854 854 854 854 854 854 854 85	OTAL EXPENDITURE""	29	361		1445	1839			1953		3068	2575	2291	3018	3740	3565	3528	2885	3122	3010	3569
5804 7173 7758 8796 10982 8846 10659 11784 12740 13133 14059 15191 13367 10328 11260 11822 14237 15247	ain/Loss on investments	11	22	-12	592		-1857	921	325	528	708	831		-1858	-2280	1558	1228	2524	954	-828	-2,494
	Balance at end of year	5804	7173	7758	8796	10982	8946 1	0659		12740	13133 1				10328			14237	15247	15086	12974

APPENDIX 2

General Fund Income and Expenditure Table 1990-2009

[&]quot;Net closing balances in Special Donations A. B and C. Remaining liabilities transferred to expenditure totals.

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	Charles and	X	
	A manual for	200	
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	-	00-00	
0	A STATE OF		
	-	EXC	

Aggregate balance at end of year in Special Funds

APPENDIX 3

Colleges eligible to take part in the Research Fellowships Scheme and the Time-Limited teaching Fellowships Scheme, and designated as 'poorer' Colleges for the purposes of the Lectureships for College Teaching Officer Scheme.

Churchill College

Downing College

Fitzwilliam College

Girton College

Homerton College

Hughes Hall

Lucy Cavendish College

Magdalene College

Murray Edwards College

Newnham College

Pembroke College

Queens' College

Robinson College

Selwyn College

St Catharine's College

St Edmund's College

Wolfson College

APPENDIX 4

Consolidated list of grants 2007 – 2012

The following Tables list all the grants (including those made under the Leverhulme Early Career Fellowship Matching Funding Scheme) that the Trustees have approved in the five year period from 9 July 2007 to 30 June 2012 inclusive. Where a grant is shown with the status 'offered', it has not been taken up either because circumstances have changed, or else because the Trust's matching requirement has not yet been met.

The following abbreviations are used:

AA=Additional Appointment (i.e. salary costs)
EG=Equipment Grant
AC=Associated Costs (e.g. consumables)
LECF= Leverhulme Early Career Fellowship Matching Funding
UL= University Lectureship
SF=Strategic Funding

The correspondence of Minute numbers to meeting dates is as follows:

Year	Minutes	Year	Minutes
1988	1 – 26	2001	1.00 - 1.59
1989	27 - 94	2002	2.00 - 2.49
1990	95 - 185	2003	3.00 - 3.53
1991	186 - 264	2004	4.00 - 4.55
1992	265 - 322	2005	5.00 - 5.57
1993	323 - 388	2006	6.00 - 6.60
1994	389 - 447	2007	7.00 - 7.62
1995	448 – 496	2008	8.00 - 8.54
1996	497 - 535	2009	9.00 - 9.53
1997	536 - 578	2010	10.00 -10.44
1998	579 - 621	2011	11.00-11.46
1999	622 - 695	2012	12.00-
2000	696 - 766		

The column headed 'Matching Required' indicates the total matching sum (normally from sources outside Cambridge, but occasionally from within) required to release the Newton Trust grant. For confirmed grants this matching requirement has been met.

An index to the Yellow Table is given at the end.

Isaac Newton Trust Financial Statement (Yellow Table)

All Grants from 9 July 2007 to 30 June 2012 inclusive

Status	Minute	Туре	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
Academic Divis	sion (Educa	ation Se	ction)									
Awaiting Invoice	10.07(a)	AA	RA to work with Dr Keith Johnstone (Dr Marianne Cole)	17,082	11,324	0	0	0	0	0	28,406	31,453
Awaiting Invoice	10.07(a)	AA	RA to work with Dr Keith Johnstone (Dr Corinne Boz)	21,500	13,000	0	0	0	0	0	34,500	31,454
African Studies	5											
Awaiting Report	7.27(b)	SF	Cambridge/Africa research programme (Prof Megan Vaughan)	133,106	0	0	0	0	0	0	133,106	133,106
Offered	11.19(a)	AA	10 mid-career fellows to work with Professor Vaughan	0	56,000	42,000	42,000	0	0	0	140,000	140,000
Offered	11.19(a)	AC	Seminars, meetings, office costs and conferences	0	14,400	12,300	12,300	0	0	0	39,000	39,000
Anglo-Saxon, N	lorse and	Celtic										
Awaiting Invoice	9.13(c1)	LECF	LECF: Dr Elizabeth Boyle	34,095	23,000	0	0	0	0	0	57,095	57,095
Closed	11.19(b)	AA	RA to work with Dr Máire Ní Mhaonaigh	15,932	0	0	0	0	0	0	15,932	15,932
Awaiting Invoice	12.08(b)	LECF	LECF: Dr Rory Naismith	23,000	0	23,000	23,000	0	0	0	69,000	69,000
Applied Mathe	matics an	d Theore	etical Physics									
Awaiting Report	7.27(a)	SF	Strategic funding: NRICH	141,065	0	0	0	0	0	0	141,065	282,130
Closed	9.07(a)	AA	5 employees of the Millennium Maths Project (Prof J Barrow) (Underwrit	184,857	0	0	0	0	0	0	184,857	
Closed	7.26(a)	AA	2 post-docs (Dr Christof Sparber, Dr Klemens Fellner)	55,695	0	0	0	0	0	0	55,695	55,695
Closed	8.10(a)	AA	RA to work with Dr Natalia Berloff (Dr H Salman)	39,826	0	0	0	0	0	0	39,826	39,826
Closed	8.10(a)	EG	Equipment for use by Dr Hayder Salman	1,500	0	0	0	0	0	0	1,500	1,500
Closed	10.18(a)	AA	RA to work with Prof. Peter Wadhams (Dr Joao Rodrigues)	10,980	0	0	0	0	0	0	10,980	10,980
Closed	10.18(a)	AA	RA to work with Prof. Peter Wadhams (Dr Martin Doble)	7,520	0	0	0	0	0	0	7,520	7,520
Awaiting Invoice	11.35(a)	LECF	LECF: Dr Anthony Anderson	23,000	0	23,000	23,000	0	0	0	69,000	55,450
Awaiting Report	12.07(a)	AA	RA to work with Prof. Michael Proctor and Prof. John Papaloizou	43,436	0	0	0	0	0	0	43,436	133,190
Awaiting Report	12.07(a)	AC	Travel costs	2,000	0	0	0	0	0	0	2,000	

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Status	Minute	Туре	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
Archaeology												
Closed	7.26(m)	AA	RA to work with Dr Mim Bower (Ms Natalia Vibla)	16,744	0	0	0	0	0	0	16,744	16,744
Closed	7.26(m)	AC	Fieldwork expenses for Dr Bower	18,472	0	0	0	0	0	0	18,472	18,472
Closed	7.49(r)	EG	Equip and analytical services for Dr Alison Blyth	3,000	0	0	0	0	0	0	3,000	6,000
Awaiting Report	7.26(b)	AC	Dr Cameron Petrie: Research costs and clerical support (Underwriting)	11,870	0	0	0	0	0	0	11,870	14,650
Awaiting Report	8.54(b)	AA	RA to work with Dr James Barrett (Dr Rachel Ballantyne)	36,630	0	0	0	0	0	0	36,630	36,630
Awaiting Report	8.54(b)	AC	Travel, subsistence and accommodation	1,711	0	0	0	0	0	0	1,711	1,711
Lapsed	9.25(b)	EG	Dr Liliana Janik (visual template)	0	0	0	0	0	0	0	0	1,710
Awaiting Invoice	9.25(c)	AC	Dr Cameron Petrie: Travel costs for 3 researchers	7,755	2,848	0	0	0	0	0	10,603	10,603
Awaiting Invoice	9.25(c)	EG	Equip purchase and hire for use by Dr Petrie	3,468	1,274	0	0	0	0	0	4,742	4,742
Awaiting Report	10.07(b)	AA	RA to work with Prof. Graeme Barker (Mr/Dr Chris Stimpson)	21,972	0	0	0	0	0	0	21,972	26,977
Closed	10.07(c)	AA	RA to work with Prof. Graeme Barker (Dr Josephine Richardson)	6,927	0	0	0	0	0	0	6,927	6,927
Closed	10.07(c)	AA	RA to work with Prof. Graeme Barker (Dr Mim Bower)	10,824	0	0	0	0	0	0	10,824	10,824
Awaiting Report	10.26(c)	AA	RA to work with Prof. Martin Millett and Dr James Barrett (Dr James Ger	37,497	0	0	0	0	0	0	37,497	37,497
Awaiting Report	11.06(a)	AA	RA to work with Professor Martin Jones (Mr Hugo Oliveira)	17,844	0	0	0	0	0	0	17,844	17,844
Awaiting Report	11.06(b)	AA	RA to work with Dr John Robb (Dr Luca Lai)	23,693	0	0	0	0	0	0	23,693	23,693
Awaiting Report	11.06(b)	AA	RA to work with Dr John Robb (Dr Maryanne Tafuri)	19,816	0	0	0	0	0	0	19,816	19,816
Awaiting Report	11.11(a)	LECF	LECF: Dr Emanuele Vaccaro	46,000	0	0	0	0	0	0	46,000	46,000
Archaeology a	nd Anthro	pology										
Offered	11.35(c)	AA	RA to work with Dr Augusta McMahon	0	21,200	23,314	0	0	0	0	44,514	44,514
Architecture												
Awaiting Report	8.10(b)	AA	Prof Marcial Echenique: 10 x p/t Teaching Fellowships	100,000	0	0	0	0	0	0	100,000	100,000
Awaiting Report	10.44(a)	AA	RA to work with Dr François Penz (Dr Andong Lu)	17,928	0	0	0	0	0	0	17,928	18,319
Awaiting Invoice	12.08(h)	LECF	LECF: Dr Alistair Fair	23,000	0	23,000	23,000	0	0	0	69,000	69,000

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Status	Minute	Туре	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
Asian and Mide	dle Easter	n Studies	5									
Offered	7.49(y)	UL	University Lectureship in Korean Studies (2013-2017) (Underwriting)	0	60,531	64,290	68,280	72,513	77,009	0	342,623	0
Closed	8.10(I)	AA	RA to work with Prof. Geoffrey Khan (Ms Alinda Damsma)	15,197	0	0	0	0	0	0	15,197	17,772
Closed	9.25(p)	AA	RA to work with Prof. Geoffrey Khan (Ms Alinda Damsma)	18,843	0	0	0	0	0	0	18,843	18,843
Closed	9.25(p)	AC	Travel costs	2,500	0	0	0	0	0	0	2,500	2,500
Closed	9.25(p)	EG	Recording equipment	250	0	0	0	0	0	0	250	250
Awaiting Report	9.25(q)	AA	RA to work with Prof. Charles Melville on Shahnama exhibition	20,000	0	0	0	0	0	0	20,000	20,000
Awaiting Invoice	9.45(p)	AA	Persian Language Lecturer to work with Professor Melville	35,006	0	18,294	0	0	0	0	53,300	53,300
Awaiting Report	11.11(f)	AA	RA to work with Prof. Geoffrey Khan (Dr Nadezda Vidro)	37,832	0	0	0	0	0	0	37,832	
Astronomy												
Awaiting Invoice	11.06(c)	AA	RA to work with Dr Richard McMahon (Dr Manda Banerji)	0	19,026	20,193	0	0	0	0	39,219	

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Status	Minute	Туре	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
Biochemistry												
Closed	7.26(d)	AA	Technicians to work with Dr Paul Dupree (Ms Z Yu;	14,998	0	0	0	0	0	0	14,998	15,000
Closed	8.54(c)	AA	RA to work with Dr John McCafferty	15,822	0	0	0	0	0	0	15,822	17,509
Closed	8.54(c)	AC	Consumables	8,000	0	0	0	0	0	0	8,000	8,000
Closed	9.25(e)	AA	RA to work with Prof. Peter Leadlay	22,010	0	0	0	0	0	0	22,010	22,761
Closed	9.25(e)	AC	Access charges for above project	2,500	0	0	0	0	0	0	2,500	2,500
Closed	9.45(a)	AA	RA to work with Prof. Ernest Laue	20,000	0	0	0	0	0	0	20,000	20,000
Awaiting Report	10.07(d)	EG	Tandem mass spectrometer: Dr Kathryn Lilley	40,672	0	0	0	0	0	0	40,672	40,672
Closed	10.26(f)	AA	RA to work with Dr John McCafferty	20,337	0	0	0	0	0	0	20,337	20,405
Closed	10.26(f)	AC	Consumables	8,000	0	0	0	0	0	0	8,000	8,000
Awaiting Report	10.26(g)	EG	Biomolecular Nuclear Magnetic Resonance facility	22,070	0	0	0	0	0	0	22,070	22,070
Awaiting Report	10.26(h)	AA	RA to work with Dr Luca Pellegrini	42,737	0	0	0	0	0	0	42,737	42,737
Awaiting Report	10.44(b)	EG	ACCURI C6 Flow Cytometer with extras for use by Dr Guy Brown et al	22,500	0	0	0	0	0	0	22,500	22,500
Awaiting Report	10.44(c)	AA	RA to work with Prof. Christopher Howe	27,848	0	0	0	0	0	0	27,848	27,848
Awaiting Report	10.44(d)	AA	RA to work with Dr Helen Mott	30,468	0	0	0	0	0	0	30,468	30,468
Awaiting Report	10.44(d)	AC	Consumables for the above project	11,250	0	0	0	0	0	0	11,250	11,250
Awaiting Report	11.19(d)	AA	RA to work with Prof. Jean Thomas	25,629	0	13,491	0	0	0	0	39,120	39,120
Awaiting Report	11.35(e)	AA	RA to work with Dr Florian Hollfelder	18,905	0	0	0	0	0	0	18,905	18,905
Confirmed	11.35(f)	EG	Liquid chromatography and server	0	50,570	0	0	0	0	0	50,570	296,217
Awaiting Report	12.07(c)	AA	RA to work with Dr Martin Welch	17,662	0	0	0	0	0	0	17,662	16,000
Biological Anth	nropology											
Closed	9.45(b)	AA	RA to work with Dr Leslie Knapp	17,861	0	0	0	0	0	0	17,861	17,861
Closed	9.45(b)	EG	Various equipment	2,586	0	0	0	0	0	0	2,586	2,586
Awaiting Report	10.44(e)	AA	RA to work with Dr Leslie Knapp	19,313	0	0	0	0	0	0	19,313	
Awaiting Report	10.44(e)	AC	Travel and consumables	3,517	0	0	0	0	0	0	3,517	
Offered	11.06(e)	AA	Archivist / Research Tech to work with Mr Duncan Robinson	0	24,797	0	0	0	0	0	24,797	

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Status	Minute	Type	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
Jiaius	Williate	Турс	Description	Tieviala	Current yr	2014	2013	2010	2017	2016	TOTAL	WATCHING
Cambridge Col	lege Libra	ries Foru	ım									
Closed	10.26(j)	AA	Subscription costs, staffing and sundries (Dr Mark Nicholls)	40,000	0	0	0	0	0	0	40,000	0
Cambridge Cor	nservation	Initiativ	ve									
Closed	9.45(m)	AA	Postgraduate Programme Manager	40,000	0	0	0	0	0	0	40,000	40,000
Centre for Fam	ily Resear	rch										
Awaiting Report	9.25(I)	AA	RA to work with Prof. S Golombok	37,163	0	0	0	0	0	0	37,163	37,163
Awaiting Report	11.35(q)	AA	RA to work with Professor Susan Golombok	17,667	0	0	0	0	0	0	17,667	17,667
Centre for Hist	ory and E	conomic	s									
Closed	7.27(c)	SF	Strategic funding: History and Economics at Cambridge	150,000	0	0	0	0	0	0	150,000	150,000
Confirmed	10.07(q)	AA	RA to work with Drs Tim Harper	0	34,700	35,700	0	0	0	0	70,400	70,400
Centre for Res	earch in th	ne Arts, I	Humanities and Social Sciences									
Awaiting Invoice	9.25(ad)	AA	10 Post-Doctoral Fellowships	46,000	0	92,000	92,000	92,000	46,000	0	368,000	368,000
Awaiting Invoice	9.25(ad)	AA	Early Career Fellowships	26,000	0	26,000	26,000	26,000	26,000	0	130,000	130,000
Awaiting Invoice	9.25(ad)	AC	Conferences	40,000	0	40,000	40,000	40,000	40,000	0	200,000	200,000
Awaiting Invoice	9.25(ad)	AC	Graduate Faculty Groups	11,250	0	11,250	11,250	11,250	5,625	0	50,625	50,625
Awaiting Invoice	9.25(ad)	AC	Newton Groups	2,250	0	4,500	4,500	4,500	2,250	0	18,000	18,000
Awaiting Report	10.14(b)	LECF	LECF: Dr Jenna Ng	46,000	0	0	0	0	0	0	46,000	46,000
Centre for Ster	n Cell Res	earch										
Awaiting Report	11.19(ad	AA	RA to work with Dr José da Silva	18,662	0	0	0	0	0	0	18,662	18,661
Chemical Engir	neering											
Closed	7.26(e)	EG	Professor Lynn Gladden. Equipment costs.	30,631	0	0	0	0	0	0	30,631	30,717

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Status	Minute	Туре	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
Chemical Engir	neering an	d Biotec	hnology									
Awaiting Invoice	11.35(i)	AA	RA to work with Dr Daniel Holland	0	36,823	0	0	0	0	0	36,823	49,828
Awaiting Invoice	11.35(i)	EG	Electrical Capacitance Tomography (ECT)	15,000	0	0	0	0	0	0	15,000	
Chemistry												
Closed	8.10(e)	AA	RA to work with Dr Rachel O'Reilly	6,940	0	0	0	0	0	0	6,940	6,940
Lapsed	8.31(c)	AA	RA to work with Professor Elliot	0	0	0	0	0	0	0	0	0
Closed	8.54(h)	AA	RA to work with Dr Jonathan Nit	14,489	0	0	0	0	0	0	14,489	14,489
Closed	9.25(h)	AA	RA to work with Prof. Richard Lambert	18,182	0	0	0	0	0	0	18,182	18,182
Lapsed	9.45(c)	AA	RA to work with Dr Sophie Jackson	0	0	0	0	0	0	0	0	0
Lapsed	9.45(c)	EG	Antibodies for the above project	0	0	0	0	0	0	0	0	0
Awaiting Invoice	9.45(d)	AA	RA to work with Dr Jonathan Nitschke	19,356	21,066	0	0	0	0	0	40,422	40,422
Awaiting Report	9.45(e)	AA	RA to work with Dr David Spring	20,000	0	0	0	0	0	0	20,000	20,000
Awaiting Report	11.06(f)	AA	Research Associate to work with Dr Sophie Jackson	6,737	0	0	0	0	0	0	6,737	
Awaiting Report	11.19(g)	AA	RA to work with Dr David Sprin	11,894	0	0	0	0	0	0	11,894	11,894
Awaiting Report	11.19(g)	EG	Freeze dryer equipment for the above project	8,689	0	0	0	0	0	0	8,689	8,689
Confirmed	12.07(d)	AA	RA to work with Dr Stuart Althorpe and Prof. David Wales	0	11,419	11,419	0	0	0	0	22,838	32,432
Classics												
Awaiting Report	11.11(c)	LECF	LECF: Dr Phil Booth	46,000	0	0	0	0	0	0	46,000	
Awaiting Invoice	12.08(a)	LECF	LECF: Dr Alessandro Launaro	23,000	0	23,000	23,000	0	0	0	69,000	69,000
Clinical Bioche	mistry (IM	IS)										
Awaiting Report	10.44(h)	AA	RA to work with Dr Akhilesh Reddy	19,312	0	0	0	0	0	0	19,312	
Clinical Neuros	ciences											
Closed	7.49(a)	AA	RA to work with Professor Olivier Raineteau	18,587	0	0	0	0	0	0	18,587	18,587
Closed	7.49(a)	AC	Consumables	11,363	0	0	0	0	0	0	11,363	11,363

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Status	Minute	Туре	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
Clinical Neuros	sciences (C	entre fo	r Brain Repair)									
Awaiting Report	10.26(I)	AA	RA to work with Prof. Maria Grazia Spillantini	38,634	0	0	0	0	0	0	38,634	
Awaiting Report	10.26(I)	AC	Consumables for the above project	6,500	0	0	0	0	0	0	6,500	
Criminology												
Awaiting Report	9.13(c5)	LECF	LECF: Dr Maria Ttofi	69,000	0	0	0	0	0	0	69,000	69,000
Lapsed	10.07(h)	AA	RA to work with Prof. Lawrence Sherman	0	0	0	0	0	0	0	0	(
Part Confirmed	11.35(I)	AA	RA to work with Professor David Farrington	0	19,536	20,293	0	0	0	0	39,829	29,261
Earth Sciences												
Closed	7.49(f)	AA	RA for Dr Luke Skinner	68,229	0	0	0	0	0	0	68,229	68,229
Awaiting Report	10.07(i)	AA	RA to work with Dr Niels Hovius	34,260	0	0	0	0	0	0	34,260	34,260
Awaiting Report	11.06(I)	AA	RA to work with Dr Marian Holness	25,361	0	0	0	0	0	0	25,361	
Awaiting Report	11.06(I)	AC	Analytical costs	6,500	0	0	0	0	0	0	6,500	
Awaiting Report	11.06(m)	AA	Archivist to work with Dr David Norman	33,649	0	0	0	0	0	0	33,649	
Awaiting Report	11.06(m)	AC	Exhibition and online resource development costs	5,000	0	0	0	0	0	0	5,000	
Awaiting Report	11.19(i)	AA	RA to work with Dr Marie Edmonds	7,634	0	0	0	0	0	0	7,634	(
Awaiting Report	11.19(j)	AA	RA to work with Dr Luke Skinner	37,860	0	0	0	0	0	0	37,860	37,860
Offered	11.35(m)	AA	RA to work with Professor David Hodell	0	40,503	0	0	0	0	0	40,503	35,737
Offered	11.35(m)	AC	Analytical costs	0	1,925	0	0	0	0	0	1,925	
Economics												
Closed	8.54(i)	AA	RA for Dr Sriya Iyer	4,220	0	0	0	0	0	0	4,220	4,400
Closed	8.54(i)	AC	Travel and subsistence	7,599	0	0	0	0	0	0	7,599	7,600
Closed	8.54(i)	EG	Equipment	92	0	0	0	0	0	0	92	1,000
Closed	9.45(f)	AC	Participant payment and office costs (Dr Kumar Aniket)	3,610	0	0	0	0	0	0	3,610	3,610
Awaiting Report	10.26(m)	AA	Part-time casual research staff to work with Prof Sheila Ogilvie	27,916	0	0	0	0	0	0	27,916	27,916
Awaiting Report	11.19(k)	AC	Payments to experiment participants	6,000	0	0	0	0	0	0	6,000	C
Offered	11.06(n)	AA	5 RAs to work with Dr Sanjeev Goyal	0	100,000	100,000	0	0	0	0	200,000	

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Status	Minute	Туре	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
Engineering												
Closed	7.26(f)	AA	RA to work with Dr Andrea Ferrari (Dr Alex Roz	39,961	0	0	0	0	0	0	39,961	39,961
Closed	7.26(f)	EG	Basic optical equipment	2,000	0	0	0	0	0	0	2,000	2,000
Awaiting Report	7.27(d)	AA	Lectureship in Engineering for Clinical Practice	89,187	0	0	0	0	0	0	89,187	178,374
Awaiting Report	8.10(f)	AA	RA to work with Dr Vikram Deshpande	54,141	0	0	0	0	0	0	54,141	120,000
Awaiting Report	9.25(i)	AA	RA to work with Prof. David Cebon	58,418	0	0	0	0	0	0	58,418	62,575
Awaiting Report	9.25(k)	AA	RA to work with Dr Albert Guillén i Fàbregas	36,491	0	0	0	0	0	0	36,491	36,491
Awaiting Report	10.26(n)	AA	RA to work with Prof. Malcolm Bolton	35,709	0	0	0	0	0	0	35,709	
Awaiting Report	11.06(o)	AA	SRA to work with Prof. David Cardwell	26,000	0	0	0	0	0	0	26,000	
Awaiting Report	11.19(m)	AA	RA to work with Professor William Milne	35,000	0	0	0	0	0	0	35,000	35,000
Awaiting Report	11.35(n)	AA	RA to work with Professor Andrea Ferrari	21,315	0	0	0	0	0	0	21,315	21,315
Offered	11.46	AA	Two post-docs to work with Prof Norman Fleck	0	100,000	100,000	0	0	0	0	200,000	
English												
Closed	8.16(c11)	LECF	LECF: Dr Catherine N	16,425	0	0	0	0	0	0	16,425	16,425
Closed	9.13(c6)	LECF	LECF: Dr Ildiko Csengei	34,088	0	0	0	0	0	0	34,088	34,088
Closed	9.13(c7)	LECF	LECF: Dr Michael Jones	34,078	0	0	0	0	0	0	34,078	34,078
Awaiting Report	9.45(g)	AA	RA to work with Dr Raphael Lyne	1,500	0	0	0	0	0	0	1,500	1,500
Part Confirmed	11.06(s)	AA	RA to work with Dr Claire Preston / Dr Andrew Zurcher	18,218	57,650	0	0	0	0	0	75,868	
English and Ap	plied Ling	uistics (F	RCEAL)									
Offered	7.49(g)	AA	RA for Dr Napoleon Katsos	7,226	0	0	0	0	0	0	7,226	7,226
Closed	8.10(g)	EG	Eye Tracker (Dr Henriette Hendriks)	10,000	0	0	0	0	0	0	10,000	20,000
Awaiting Report	11.06(q)	AA	Computational Linguist to work with Dr Theodora Alexopoulos	80,809	0	0	0	0	0	0	80,809	
Closed	8.16(c25)	LECF	LECF: Dr Luna Filipovic	64,132	0	0	0	0	0	0	64,132	66,000

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Status	Minute	Type	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
Experimental I	Psychology	,										
Closed	7.26(h)	AA	RA to work with Professor Lorraine Tyler (Dr A	33,559	0	0	0	0	0	0	33,559	33,559
Closed	7.26(h)	AC	Consumables for use by Dr Shestakova	9,000	0	0	0	0	0	0	9,000	9,000
Closed	8.54(j)	AA	RA to work with Professor T W	16,068	0	0	0	0	0	0	16,068	16,068
Awaiting Report	10.26(o)	AA	RA to work with Dr Jeffrey Dalley	20,715	0	0	0	0	0	0	20,715	20,715
Closed	10.44(I)	AC	Volunteers' fees and expenses; and consumables	6,867	0	0	0	0	0	0	6,867	6,867
Closed	10.44(I)	EG	A laptop computer for use by Dr Luke Clark	350	0	0	0	0	0	0	350	350
Awaiting Report	10.44(m)	AA	RA to work with Prof. Barry Everitt	22,402	0	0	0	0	0	0	22,402	22,402
Fitzwilliam Mu	seum											
Closed	8.10(h)	AA	Paper Conservator to work with Dr Timothy Potts	52,500	0	0	0	0	0	0	52,500	52,500
Awaiting Invoice	9.45(h)	AA	RA to work with Dr Mark Blackburn	28,775	0	2,509	0	0	0	0	31,284	31,284
Awaiting Report	10.26(p)	AA	RA to work with Drs Martin Allen and M Blackburn (deceased)	23,000	0	0	0	0	0	0	23,000	23,000
Awaiting Report	11.35(r)	AA	Two RA s to work with Dr Stella Panayotova	69,673	0	0	0	0	0	0	69,673	69,673
French												
Awaiting Report	9.07(f)	AA	RA to work with Dr Emma Gilby	63,572	0	0	0	0	0	0	63,572	63,572
Awaiting Report	9.07(f)	AC	Travel and Subsistence for above	4,000	0	0	0	0	0	0	4,000	4,000
Genetics												
Closed	7.26(j)	AA	RA to work with Prof Michael Ashburner (Dr Dav	27,215	0	0	0	0	0	0	27,215	27,215
Closed	7.26(j)	AC	Travel	1,500	0	0	0	0	0	0	1,500	1,500
Confirmed	7.49(i)	EG	Equipment for use by Dr Draviam	52,513	0	0	0	0	0	0	52,513	105,026
Closed	7.49(j)	EG	Equipment for Dr C Lindon	27,268	0	0	0	0	0	0	27,268	54,536
Awaiting Report	10.44(n)	EG	Data storage server for use by Dr Rafael Carazo Salas	56,834	0	0	0	0	0	0	56,834	
Awaiting Report	11.06(u)	AA	RA to work with Dr Steven Russell	8,665	0	0	0	0	0	0	8,665	

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Status	Minute	Type	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
Geography												
Closed	7.49(I)	AA	Research costs for two small projects (Dr Emma Maw	9,589	0	0	0	0	0	0	9,589	9,589
Closed	9.45(i)	AA	RA to work with Prof. William Adams	26,541	0	0	0	0	0	0	26,541	26,542
Closed	9.45(i)	AC	Conference attendance and local travel for RA	736	0	0	0	0	0	0	736	736
Awaiting Report	10.07(o)	AA	RA to work with Prof. Julian Dowdeswell	15,601	0	0	0	0	0	0	15,601	15,60
Awaiting Report	10.07(o)	EG	IT equipment for the above project	2,500	0	0	0	0	0	0	2,500	2,500
Awaiting Report	11.35(t)	AA	SRA to work with Professor Susan Owens	44,698	0	0	0	0	0	0	44,698	22,16
Awaiting Invoice	11.35(s)	AC	Growth of saltmarsh test section & transport costs	9,916	2,376	0	0	0	0	0	12,292	12,29
Awaiting Invoice	12.08(g)	LECF	LECF: Dr Amy Donovan	23,000	0	23,000	23,000	0	0	0	69,000	69,00
Geography (CA Awaiting Invoice	8.54(I)	AA	P/T Administrator/Librarian to work with Prof Smith	71,720	17,947	0	0	0	0	0	89,667	89,66
	8.54(I) 8.54(I)	AA	Core staff salary costs	192,000	48,000	0	0	0	0	0	240,000	240,00
Awaiting Invoice Awaiting Report	9.25(m)	AA	RA to work with Dr Leigh Shaw-Taylor	6,546	48,000	0	0	0	0	0	6,546	12,42!
Awaiting Report	9.25(m)	AA	RA to work with Dr Leigh Shaw-Taylor	3,653	0	0	0	0	0	0	3,653	16,059
Awaiting Report	9.25(m)	AA	RA to work with Dr Leigh Shaw-Taylor	37,683	0	0	0	0	0	0	37,683	41,41
German and D	utch											
Awaiting Report	9.07(g)	AA	RA to work with Professor Nicholas Boyle	63,789	0	0	0	0	0	0	63,789	63,78
Girton College												
Awaiting Report	9.25(n)	AA	Ras to work with Ms F Gandy	22,200	0	0	0	0	0	0	22,200	22,200
Awaiting Report	9.25(n)	AC	Technical service costs	6,000	0	0	0	0	0	0	6,000	6,000
Awaiting Report	9.25(n)	AC	Travel costs	420	0	0	0	0	0	0	420	420
Awaiting Report	9.25(n)	EG	Equipment costs	2,000	0	0	0	0	0	0	2,000	2,00

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Status	Minute	Туре	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
Gurdon Institu	te											
Closed	7.26(I)	AA	Post-doc to work with Dr Azim Surani (Dr Suzan	15,479	0	0	0	0	0	0	15,479	15,479
Closed	7.26(k)	AA	Post-doc to work with Dr Jonathan Pines (Dr Be	14,295	0	0	0	0	0	0	14,295	14,295
Closed	7.49(m)	AA	RA to work with Dr Julie Ahringer (Dr Isabel L	29,574	0	0	0	0	0	0	29,574	29,574
Closed	8.54(m)	AA	RA to work with Dr Jonathan Pi	35,922	0	0	0	0	0	0	35,922	35,922
Awaiting Report	9.25(o)	AA	RA to work with Dr Eric Miska	19,682	0	0	0	0	0	0	19,682	19,682
Awaiting Report	9.45(k)	AA	RA to work with Prof. Sir John Gurdon	59,847	0	0	0	0	0	0	59,847	59,903
Awaiting Report	9.45(I)	EG	OMX microscope (Prof. Daniel St Johnston)	90,000	0	0	0	0	0	0	90,000	90,000
Awaiting Report	9.45(w)	AA	RA to work with Dr Andrea Brand	16,708	0	0	0	0	0	0	16,708	16,708
Awaiting Report	10.26(q)	AA	RA to work with Dr Masanori Mishima	39,264	0	0	0	0	0	0	39,264	39,264
Awaiting Report	10.26(q)	AC	Consumables for the above project	5,000	0	0	0	0	0	0	5,000	5,000
Awaiting Report	10.26(r)	AA	RA to work with Dr Emma Rawlins	28,381	0	0	0	0	0	0	28,381	28,383
Awaiting Report	10.26(r)	AC	Equipment access	1,157	0	0	0	0	0	0	1,157	1,157
Awaiting Report	11.06(v)	EG	High-specification microscope (Prof. Daniel St Johnston)	28,000	0	0	0	0	0	0	28,000	
Haematology												
Closed	8.10(j)	AA	Technician to work with Professor Robin Carrell	16,800	0	0	0	0	0	0	16,800	16,800
History												
Awaiting Report	10.14(b)	LECF	LECF: Dr Anna von der Goltz	15,143	0	0	0	0	0	0	15,143	46,000
Awaiting Report	10.14(b)	LECF	LECF: Dr Scott Anthony	46,000	0	0	0	0	0	0	46,000	46,000
Awaiting Report	10.14(b)	LECF	LECF: Dr Brodie Wadd	46,000	0	0	0	0	0	0	46,000	46,000
Awaiting Report	11.11(d)	LECF	LECF: Dr Isaac Nakhimovsky	46,000	0	0	0	0	0	0	46,000	46,000
Awaiting Invoice	10.44(ae	AA	RF (unnamed) to work with Prof. Martin Daunton	27,321	0	27,321	0	0	0	0	54,642	54,642
Awaiting Invoice	12.08(i)	LECF	LECF: Dr Britta Schilling	23,000	0	23,000	23,000	0	0	0	69,000	69,000

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Status	Minute	Туре	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
History and Ph	ilosophy o	f Scienc	e									
Closed	7.49(o)	AA	RF to work with Dr Liba Taub	20,280	0	0	0	0	0	0	20,280	32,947
Closed	7.49(o)	EG	Equipment	1,800	0	0	0	0	0	0	1,800	1,800
Awaiting Report	8.54(p)	AA	RA to work with Dr N Hopwood & Dr L Kassell	35,759	0	0	0	0	0	0	35,759	45,974
Awaiting Report	9.13(c11)	LECF	LECF transferred to Wellcome funding	46,000	0	0	0	0	0	0	46,000	46,000
Awaiting Report	10.26(s)	AA	RA to work with Professor John Forrester	77,466	0	0	0	0	0	0	77,466	77,466
History of Art												
Awaiting Report	8.54(o)	AA	RF to work with Prof Deborah Howard	48,441	0	0	0	0	0	0	48,441	48,441
Closed	9.13(c10)	AA	LECF transferred to other match funding: Dr Manolo	8,000	0	0	0	0	0	0	8,000	8,000
Institute for M	anufacturi	ng										
Closed	8.31(e)	AC	IfM i-teams Programme costs	25,885	0	0	0	0	0	0	25,885	(
Italian												
Awaiting Invoice	12.07(f)	AA	RA to work with Dr Helena Sanson	19,260	0	10,185	0	0	0	0	29,445	70,001
Awaiting Invoice	12.07(f)	AC	Travel and subsistence costs	2,000	0	1,000	0	0	0	0	3,000	
Judge Business	School											
Part Confirmed	8.54(g)	AA	Startup costs (Professor Arnoud de Meyer)	270,000	85,302	0	0	0	0	0	355,302	400,000
Kettle's Yard												
Awaiting Report	7.27(e)	AA	Strategic funding: Curator Fellowships	75,500	0	0	0	0	0	0	75,500	75,500
Land Economy												
Awaiting Invoice	10.26(t)	AA	RA to work with Dr Andreas Kontoleon	34,891	38,349	0	0	0	0	0	73,240	

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Status	Minute	Type	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
Law												
Awaiting Invoice	10.44(o)	AA	RA to work with Professor Weller	33,627	0	17,326	0	0	0	0	50,953	50,953
Materials Scier	nce and M	etallurgy	у									
Closed	7.49(p)	AA	Research Fellow: Dr Erica Bithell (Professor L	22,736	0	0	0	0	0	0	22,736	22,736
Closed	7.49(q)	EG	Equipment for use by Dr Karl Sandeman	11,515	0	0	0	0	0	0	11,515	23,030
Awaiting Report	8.22	AA	Two post-docs to work with Prof Anthony Cheetham	147,716	0	0	0	0	0	0	147,716	147,716
Closed	8.31(f)	LECF	Dr Stuart Wimbush	40,958	0	0	0	0	0	0	40,958	40,958
Awaiting Report	9.45(o)	AA	RA to work with Prof. Alan Windle	7,920	0	0	0	0	0	0	7,920	7,920
Awaiting Report	9.45(o)	AC	Consumables, running costs, cell culture	6,546	0	0	0	0	0	0	6,546	6,546
Closed	10.07(r)	AA	RA to work with Prof. Mark Blamire	8,119	0	0	0	0	0	0	8,119	17,305
Awaiting Report	10.26(u)	AA	Visiting Researcher to work with Dr Neil Mathur	34,905	0	0	0	0	0	0	34,905	46,824
Awaiting Invoice	11.19(p)	AA	RA to work with Dr Bartlomiej Glowacki	17,667	14,434	0	0	0	0	0	32,101	32,101
Awaiting Report	11.35(u)	AA	VRA to work with Dr Neil Mathur	23,577	0	0	0	0	0	0	23,577	23,577
Offered	12.07(g)	AA	Two RA s to work with Dr Caterina Ducati	0	77,042	0	0	0	0	0	77,042	33,000
Medical Genet	ics											
Closed	7.26(n)	AA	Research costs for Dr Richard Sandford	16,000	0	0	0	0	0	0	16,000	16,000
Closed	8.54(q)	AA	RA to work with Prof David Rub	18,013	0	0	0	0	0	0	18,013	18,013
Closed	8.54(q)	EG	Equipment for the above project	5,000	0	0	0	0	0	0	5,000	5,000
Awaiting Report	11.06(y)	AC	Recruitment of primary biliary cirrhosis cases (Dr R Sandford)	19,000	0	0	0	0	0	0	19,000	19,000
Offered	11.35(v)	AA	RA to work with Dr Marc Tischkowitz	0	30,657	33,452	0	0	0	0	64,109	64,109
Medicine												
Awaiting Report	10.07(g)	AA	RA to work with Dr Thomas Krieg	23,438	0	0	0	0	0	0	23,438	23,438
Awaiting Report	10.07(g)	AC	Animal housing for the above project	19,317	0	0	0	0	0	0	19,317	19,317
Awaiting Report	11.19(q)	EG	A Periflux Main unit 5001 + PF5010 + probe 408	3,658	0	0	0	0	0	0	3,658	4,000

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Status	Minute	Туре	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
Museum of Ar	chaeology	and Ant	thropology									
Awaiting Report	9.07(c)	AA	RF to work with Prof N Thomas (Dr Mark Elliott)	64,217	0	0	0	0	0	0	64,217	64,379
Awaiting Invoice	11.11(b)	LECF	LECF: Dr Elizabeth Cory-Pearce	23,000	23,000	0	0	0	0	0	46,000	46,000
Music												
Awaiting Invoice	12.08(d)	LECF	LECF: Ms Ananay Aguilar	23,000	0	23,000	23,000	0	0	0	69,000	69,000
Pathology												
Closed	9.07(i)	AA	RA (Ms Sarah Castor-Perry)	28,696	0	0	0	0	0	0	28,696	28,696
Closed	7.26(o)	AA	Post-doc to work with Dr Mar Vales-Gomez (Dr O	32,600	0	0	0	0	0	0	32,600	32,600
Closed	7.26(o)	EG	Equipment for use by Dr Mar Vales-Gomez	5,700	0	0	0	0	0	0	5,700	5,700
Closed	7.49(s)	EG	Equipment for Prof Koronakis	36,250	0	0	0	0	0	0	36,250	59,000
Closed	8.10(n)	AA	RA to work with Professor Anne Cooke	24,044	0	0	0	0	0	0	24,044	53,672
Closed	8.10(o)	AA	RF to work with Dr Gillian Fraser	18,642	0	0	0	0	0	0	18,642	37,284
Closed	9.25(r)	AA	RA to work with Prof. Nabeel Affara	40,320	0	0	0	0	0	0	40,320	50,507
Awaiting Invoice	10.26(w)	EG	Roche Lightcycler480 qPCR (Dr James Traherne)	21,521	8,400	0	0	0	0	0	29,921	29,921
Awaiting Report	10.44(t)	AA	RA to work with Dr Pier D'Avino	12,306	0	0	0	0	0	0	12,306	12,724
Awaiting Report	11.06(aa	AA	RA to work with Dr Colin Crump	20,520	0	0	0	0	0	0	20,520	
Awaiting Report	11.06(aa	AC	Consumables	5,000	0	0	0	0	0	0	5,000	
Awaiting Report	11.06(ab	AA	RA to work with Dr Paul Digard	28,964	0	0	0	0	0	0	28,964	0
Awaiting Report	11.19(s)	EG	A Leica TCS SP5 II Spectral Confocal Microscop	43,132	0	0	0	0	0	0	43,132	165,000
Pharmacology												
Awaiting Report	8.54(r)	AA	RA to work with Prof P A McNaughton	26,135	0	0	0	0	0	0	26,135	39,656
Closed	9.07(j)	EG	561nm laser (Professor Colin Taylor)	23,384	0	0	0	0	0	0	23,384	23,384
Awaiting Report	11.19(t)	AA	RA to work with Professor Robi	12,547	0	0	0	0	0	0	12,547	12,547
Awaiting Report	11.19(t)	AA	RA also to work with Professor	11,819	0	0	0	0	0	0	11,819	11,819
Awaiting Report	11.19(u)	AA	RA to work with Professor Peter McNaughton	14,025	0	0	0	0	0	0	14,025	14,025

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Status	Minute	Туре	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
Philosophy												
Closed	9.13(c14)	LECF	LECF: Dr Mark Sprevak	17,531	0	0	0	0	0	0	17,531	17,531
Awaiting Report	10.14(b)	LECF	LECF: Dr Steinvor Arnadottir	46,000	0	0	0	0	0	0	46,000	46,000
Awaiting Invoice	11.35(y)	AA	RA to work with Professor Huw Price	38,520	0	41,091	0	0	0	0	79,611	
Awaiting Invoice	11.35(y)	EG	Computer Equipment	1,000	0	0	0	0	0	0	1,000	

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Status	Minute	Туре	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
Physics												
Lapsed	7.27(f)	EG	Confocal microscope and atomic-force microscope	0	0	0	0	0	0	0	0	0
Awaiting Report	8.10(p)	AA	RA to work with Professor Bryan Webber	85,000	0	0	0	0	0	0	85,000	126,661
Closed	8.31(h)	AA	RA to work with Professor Sir Richard Friend	18,961	0	0	0	0	0	0	18,961	18,961
Closed	8.31(h)	AC	Samples	1,500	0	0	0	0	0	0	1,500	1,500
Awaiting Report	8.31(i)	EG	50% Infrared Mirror Furnace (Dr Malte Grosche)	87,643	0	0	0	0	0	0	87,643	175,286
Closed	8.54(t)	AA	Ras to work with Dr Julian Huppert (Drs Linda	36,375	0	0	0	0	0	0	36,375	40,000
Closed	8.54(t)	AC	Consumables for the above project	10,000	0	0	0	0	0	0	10,000	10,000
Closed	9.07(k)	AA	RA to work with Prof John Cooper (Dr T Bensema	9,000	0	0	0	0	0	0	9,000	9,000
Closed	9.07(I)	AC	Travel for Dr G Lonzarich	15,000	0	0	0	0	0	0	15,000	15,000
Closed	9.07(I)	EG	Equipment for the use of Dr G Lonzarich	75,000	0	0	0	0	0	0	75,000	75,000
Closed	9.25(t)	AA	RA to work with Dr Pietro Cicuta	22,581	0	0	0	0	0	0	22,581	0
Awaiting Report	9.45(q)	AA	RA to work with Prof. Jeremy Baumberg	15,601	0	0	0	0	0	0	15,601	20,000
Awaiting Report	9.45(q)	EG	Equipment	4,000	0	0	0	0	0	0	4,000	4,000
Awaiting Report	10.26(x)	AA	RA to work with Dr Zoran Hadzibabic	27,358	0	0	0	0	0	0	27,358	27,358
Awaiting Report	10.44(u)	AA	RA to work with Prof. Baumberg & Dr Scherman	18,400	0	0	0	0	0	0	18,400	18,400
Awaiting Report	10.44(v)	AA	RA to work with Dr Mark Buitelaar	11,709	0	0	0	0	0	0	11,709	20,000
Awaiting Invoice	11.06(ad	LECF	LECF: Dr Gunnar Möller	0	19,829	20,738	21,697	0	0	0	62,264	69,000
Closed	11.19(v)	EG	A load-lock for a high vacuum sputter deposition machine	52,695	0	0	0	0	0	0	52,695	53,000
Awaiting Invoice	11.19(w)	AA	RA to work with Professor Valerie Gibson	19,230	20,515	22,545	0	0	0	0	62,290	62,290
Awaiting Invoice	11.19(w)	AC	Travel to CERN for the above project	500	500	250	0	0	0	0	1,250	1,250
Awaiting Invoice	11.19(w)	EG	Equipment for the above project	800	800	1,050	0	0	0	0	2,650	2,650
Confirmed	11.35(z)	LECF	LECF: Dr Farhan Feroz	0	22,397	22,728	23,079	0	0	0	68,204	68,204
Offered	11.36(a)	SF	Package to support Prof Didier Queloz	0	100,000	100,000	100,000	100,000	100,000	0	500,000	
Offered	12.07(k)	AA	RA to work with Prof. Gilbert Lonzarich	0	21,481	22,233	23,014	0	0	0	66,728	125,119
Physics of Med	licine											
Awaiting Report	10.07(t)	AA	RA to work with Prof. Alfonso	24,136	0	0	0	0	0	0	24,136	26,721

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Status	Minute	Туре	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
Physiology, De	velopmen	t and Ne	euroscience									
Closed	7.26(q)	AA	Post-doc to work with Professor Bill Harris (D	25,120	0	0	0	0	0	0	25,120	25,120
Closed	7.49(t)	AA	RA to work with Dr Susan Jones	3,078	0	0	0	0	0	0	3,078	3,078
Closed	7.49(t)	EG	Confocal microscopy and consumables	1,198	0	0	0	0	0	0	1,198	1,198
Awaiting Report	8.21	EG	New zebrafish facility (equipment and infrastructure)	50,000	0	0	0	0	0	0	50,000	100,000
Closed	8.54(v)	AC	Consumables and animal costs for above project	11,000	0	0	0	0	0	0	11,000	11,000
Closed	8.54(v)	EG	Equipment for Dr Andrew Murray	8,000	0	0	0	0	0	0	8,000	8,000
Closed	9.07(n)	AA	RA to work with Dr C Baker (Dr Perrine Barraud)	14,940	0	0	0	0	0	0	14,940	0
Awaiting Report	9.45(r)	AA	RA to work with Prof. Bill Harris	21,994	0	0	0	0	0	0	21,994	62,028
Closed	10.26(aa	AA	RA to work with Professor Roge	24,765	0	0	0	0	0	0	24,765	26,211
Awaiting Report	10.44(y)	EG	Oxygraph-2k for use by Dr Andrew Murray	18,000	0	0	0	0	0	0	18,000	8,000
Awaiting Report	11.06(ag	AA	RA to work with Dr Clare Baker	10,526	0	0	0	0	0	0	10,526	6,778
Awaiting Report	11.06(ag	AC	Travel and consumables costs for the above project	1,700	0	0	0	0	0	0	1,700	0
Awaiting Report	11.19(x)	AA	RA to work with Dr Clare Baker	9,721	0	0	0	0	0	0	9,721	9,721
Awaiting Invoice	11.19(z)	AA	SRA to work with Prof. W Harris	15,716	19,383	21,744	0	0	0	0	56,843	56,843
Awaiting Report	11.35(aa	AA	RA to work with Dr Richard Adams	10,078	0	0	0	0	0	0	10,078	10,078

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Status	Minute	Туре	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
Plant Sciences												
Closed	7.26(r)	AA	RA to work with Dr Julia Davie	8,618	0	0	0	0	0	0	8,618	8,618
Closed	7.26(s)	AC	Dr Julian Hibberd: Consumables for laser capture m	25,000	0	0	0	0	0	0	25,000	50,000
Closed	8.02	EG	Dr David Hanke: Spectrophotometer, plate reade	20,500	0	0	0	0	0	0	20,500	41,000
Closed	8.10(q)	AA	RA to work with Dr John Carr	44,193	0	0	0	0	0	0	44,193	44,193
Closed	8.10(r)	AC	Dr Beverley Glover: consumables and facility costs	16,000	0	0	0	0	0	0	16,000	32,000
Closed	8.31(j)	AA	RA to work with Dr Alexander Webb	17,270	0	0	0	0	0	0	17,270	17,270
Closed	9.17	AA	RA to work with Dr D E Hanke	20,397	0	0	0	0	0	0	20,397	20,397
Closed	9.17	EG	Access to plant growth facility	5,316	0	0	0	0	0	0	5,316	5,316
Awaiting Report	10.07(u)	AA	RA to work with Dr Beverley Glover	27,909	0	0	0	0	0	0	27,909	27,909
Awaiting Invoice	10.26(ab	AA	RA to work with Dr Ian Henderson	17,496	19,230	0	0	0	0	0	36,726	36,726
Lapsed	10.44(z)	AA	RA to work with Dr Lisa Wingate	0	0	0	0	0	0	0	0	C
Lapsed	10.44(z)	AC	Fieldwork expenses	0	0	0	0	0	0	0	0	0
Awaiting Report	11.06(ai)	AA	RA to work with Professor Howard Griffiths	11,209	0	0	0	0	0	0	11,209	0
Awaiting Report	11.19(aa	AA	RA to work with Dr Julia Davies	33,186	0	0	0	0	0	0	33,186	33,186
Awaiting Report	12.07(I)	AA	SRA to work with Dr John Carr	19,202	0	0	0	0	0	0	19,202	164,337
Offered	12.07(m)	AA	RA to work with Dr David Coomes	0	0	33,631	0	0	0	0	33,631	57,885
Politics												
Closed	7.26(t)	LECF	LECF: Dr Philip Parv	23,433	0	0	0	0	0	0	23,433	35,331
Lapsed	7.49(v)	AA	Salary of Dr Fiorella Dell'Olio	0	0	0	0	0	0	0	0	C
Politics and Int	ernational	Studies	5									
Awaiting Report	10.26(ac)	AA	RA to work with Mr Sharath Srinivasan	41,000	0	0	0	0	0	0	41,000	
Awaiting Invoice	11.06(aj)	AA	RA to work with Professor Peter Nolan	15,000	0	16,000	0	0	0	0	31,000	
Confirmed	12.08(e)	LECF	LECF: Dr Josip Glaurdic	0	23,000	23,000	23,000	0	0	0	69,000	69,000
Confirmed	12.08(f)	LECF	LECF: Dr Alexander Anievas	0	23,000	23,000	23,000	0	0	0	69,000	69,000

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Status	Minute	Туре	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
Psychiatry												
Awaiting Report	9.07(p)	AA	RA to work with Dr Paul Fletcher	16,733	0	0	0	0	0	0	16,733	17,894
Awaiting Report	9.25(w)	AA	RA to work with Prof. Tony Holland	17,720	0	0	0	0	0	0	17,720	0
Awaiting Report	9.45(t)	EG	Portapres system for use by Dr Paul Wilkinson	18,620	0	0	0	0	0	0	18,620	18,620
Awaiting Report	10.07(v)	EG	Three 'Actiheart' monitors and related reader	3,950	0	0	0	0	0	0	3,950	3,950
Closed	11.06(ak)	AA	RA to work with Dr Tim Croudace	12,720	0	0	0	0	0	0	12,720	
Awaiting Invoice	11.19(ab	AA	RA to work with Dr John Suckling	21,040	22,442	0	0	0	0	0	43,482	43,482
Pure Mathema	ntics & Ma	themati	cal Statistics (Statistical Laboratory)									
Awaiting Invoice	7.49(x)	AA	2 x RAs to work with Professor Philip Dawid	41,666	41,666	20,834	20,834	0	0	0	125,000	125,000
Awaiting Report	10.26(ae	AA	RA to work with Dr Nilanjana Datta	41,805	0	0	0	0	0	0	41,805	41,713
Closed	10.44(ab	AA	RA to work with Prof. James Norris	21,125	0	0	0	0	0	0	21,125	21,125
Awaiting Report	12.07(o)	AA	SRA to work with Prof. A Philip Dawid	13,670	0	0	0	0	0	0	13,670	168,144
Slavonic Studie	es											
Awaiting Report	10.07(x)	AA	RA to work with Dr Alexander Etkind	129,649	0	0	0	0	0	0	129,649	129,649
Social Anthrop	ology											
Closed	7.26(w)	AA	Prof Marilyn Strathern: SRA (Dr Monica Konrad)	27,501	0	0	0	0	0	0	27,501	27,812
Closed	8.54(x)	AC	Fieldwork expenses for Dr Joanna Cook	4,350	0	0	0	0	0	0	4,350	4,350
Awaiting Report	9.25(x)	AA	RA to work with Dr Leo Howe	37,625	0	0	0	0	0	0	37,625	37,625
Awaiting Report	9.25(y)	AA	RA to work with Dr Nikolai Ssorin-Chaikov	22,767	0	0	0	0	0	0	22,767	22,767
Closed	9.45(u)	AA	RA to work with Dr Sian Lazar	44,000	0	0	0	0	0	0	44,000	44,000
Awaiting Invoice	10.26(af)	AA	RA to work with Prof. H Moore	19,145	0	21,039	0	0	0	0	40,184	40,184
Awaiting Report	10.26(ag	AA	RA to work with Dr David Sneath	17,960	0	0	0	0	0	0	17,960	18,616
Awaiting Report	10.44(ad	AA	RA to work with Dr David Sneath	11,394	0	0	0	0	0	0	11,394	11,394
Awaiting Report	11.19(ac)	AA	RA to work with Dr David Sneath	18,603	0	0	0	0	0	0	18,603	18,603
Awaiting Report	11.19(ac)	AC	Fieldwork travel and subsistence costs for Dr Franck Billé	1,550	0	0	0	0	0	0	1,550	0

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Status	Minute	Туре	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
Status	wiiiute	туре	Description	Prev Palu	Current yr	2014	2015	2016	2017	2018	IOIAL	WATCHING
Social Anthrop	ology (Mo	ngolia a	nd Inner Asia Studi									
Closed	7.26(v)	AA	Post-doc to work with Dr David Sneath (Dr Greg	51,644	0	0	0	0	0	0	51,644	55,644
Closed	7.26(v)	AC	Field work costs for Dr Delaplace	2,230	0	0	0	0	0	0	2,230	
Social Sciences	3											
Awaiting Report	9.13(c17)	LECF	LECF: Dr Anke Plagnol	46,000	0	0	0	0	0	0	46,000	46,000
Sociology												
Awaiting Report	8.16(c29)	LECF	LECF: Dr Shireen Kanji	45,886	0	0	0	0	0	0	45,886	66,000
Offered	12.08(26	AA	LECF: Dr Ella McPherson [unsuccessful but other funding found]	0	23,000	23,000	23,000	0	0	0	69,000	69,000
Spanish and Po	ortuguese											
Awaiting Report	8.10(m)	AA	RF to work with Dr Rodrigo Cacho	24,220	0	0	0	0	0	0	24,220	44,233
Awaiting Report	8.10(m)	AC	Travel and subsistence for Dr Mayo (varied 8.55(e))	3,400	0	0	0	0	0	0	3,400	3,400
Closed	10.14(b)	LECF	LECF: Dr Emma Gatland	46,000	0	0	0	0	0	0	46,000	46,000
Surgery												
Lapsed	7.49(z)	LOAN	Interest-free loan towards purchase of a Cytometer	0	0	0	0	0	0	0	0	0
Theoretical an	d Applied	Linguisti	ics									
Awaiting Report	10.07(k)	AA	RA to work with Dr Anna Korhonen	55,643	0	0	0	0	0	0	55,643	55,643
University Libr	ary											
Awaiting Report	7.49(aa)	AA	Temporary Manuscript Specialist/Affiliated Lecture	123,077	0	0	0	0	0	0	123,077	123,077
Confirmed	10.26(ah	AA	Assistant Director to work with Prof. James Secord	0	39,389	40,772	42,196	0	0	0	122,357	122,357
Confirmed	10.26(ah	AA	3 RAs	0	119,910	124,122	128,451	0	0	0	372,483	372,483
Awaiting Report	10.44(p)	AA	RA to work with Dr Ben Outhwaite	28,805	0	0	0	0	0	0	28,805	28,805

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Status	Minute	Туре	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
Veterinary Me	dicine											
Closed	7.26(x)	AA	Post-doc to work with Dr Hugh Field (Dr Subhaj	26,577	0	0	0	0	0	0	26,577	26,577
Lapsed	7.26(y)	EG	Dr John Gibson: patch-clamp electrophysiological rig	0	0	0	0	0	0	0	0	0
Closed	8.31(m)	AA	RA to work with Dr Mark Holmes (tba)	16,447	0	0	0	0	0	0	16,447	18,500
Awaiting Report	8.31(n)	AA	Clinician Researcher to work with Professor Nick Jeffery	9,638	0	7,434	0	0	0	0	17,072	17,072
Closed	9.45(v)	EG	Surgical camera and related equipment	6,000	0	0	0	0	0	0	6,000	
Awaiting Report	11.19(ae	AA	RA to work with Professor James Wood	19,669	0	0	0	0	0	0	19,669	19,669
Awaiting Report	11.35(ac)	AA	RA to work with Professor Jonathan Heeney	38,186	0	0	0	0	0	0	38,186	38,186

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Status	Minute	Туре	Description	Prev Paid	Current yr	2014	2015	2016	2017	2018	TOTAL	MATCHING
Zoology												
Closed	7.49(ad)	AA	RA to work with Dr Helen Skaer (Dr Stephanie B	8,431	0	0	0	0	0	0	8,431	7,500
Closed	7.49(ad)	AC	Technical Support for Dr Helen Skaer and Dr Stepha	1,880	0	0	0	0	0	0	1,880	0
Closed	8.10(s)	AA	RA to work with Dr Isabel Palacios	13,000	0	0	0	0	0	0	13,000	0
Closed	8.10(s)	AC	Consumables	3,000	0	0	0	0	0	0	3,000	0
Closed	8.31(o)	AA	RA to work with Dr Landgraf	16,559	0	0	0	0	0	0	16,559	16,844
Awaiting Report	8.54(z)	AA	RA to work with Prof T H Clutton-Brock	60,964	0	0	0	0	0	0	60,964	60,964
Awaiting Report	8.54(z)	AC	Recurrent costs for above project	1,500	0	0	0	0	0	0	1,500	1,500
Awaiting Report	8.54(z)	EG	Equipment for above project	1,500	0	0	0	0	0	0	1,500	1,500
Closed	8.54(ab)	AA	RA to work with Dr Peter Lawrence (Dr Marcus Bisch	16,892	0	0	0	0	0	0	16,892	16,892
Confirmed	9.25(ab)	AA	RA to work with Dr William Foster	0	15,472	16,506	18,145	19,354	0	0	69,477	88,717
Closed	9.25(ac)	AA	Technician to work with Dr Rebecca Kilner	4,000	0	0	0	0	0	0	4,000	4,000
Closed	9.25(ac)	AA	RA to work with Dr Rebecca Kilner	18,653	0	0	0	0	0	0	18,653	20,096
Awaiting Report	10.44(af)	AA	RA to work with Prof. Michael Bate	18,081	0	0	0	0	0	0	18,081	20,501
Awaiting Report	11.06(ao	AA	RA to work with Dr Berthold Hedwig	12,274	0	0	0	0	0	0	12,274	13,335
Offered	11.06(ap	AA	RA to work with Dr Rufus Johnstone	0	21,290	22,708	0	0	0	0	43,998	46,000
Awaiting Report	11.19(ag	AA	Data Entry Technician to work with Professor Paul Brakefield	9,484	0	0	0	0	0	0	9,484	9,484
Awaiting Report	11.19(ag	AA	Photographer to work with Professor Paul Brakefield	18,336	0	0	0	0	0	0	18,336	18,336
Awaiting Report	11.19(ag	AA	Outreach Officer to work with Professor Paul Brakefield	1,669	0	0	0	0	0	0	1,669	1,669
Awaiting Report	11.19(ah	AA	RA to work with Dr Berthold Hedwig	6,371	0	0	0	0	0	0	6,371	311,775
Awaiting Report	11.35(af)	AA	RA to work with Dr Isabel Palacios	21,163	0	0	0	0	0	0	21,163	27,163
Awaiting Report	11.35(af)	AC	Consumables	6,000	0	0	0	0	0	0	6,000	
				9,360,326	1,620,403	1,512,262	903,746	365,617	296,884	0	14,059,238	13,668,099

Total Grants Paid in Past 5 years £9,360,326

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