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End of the Official Part of the ‘Reporter’
NOTICES

Calendar
21 May, Saturday. Easter Term divides.
22 May, Sunday. Preacher, J. J. Lipner, CLH, Professor of Hinduism and the Comparative Study of Religion (Ramsden Preacher), 11.15 a.m.
24 May, Tuesday. Discussion at 2 p.m. in the Council Room.
31 May, Tuesday. Discussion at 2 p.m. in the Council Room.
8 June, Wednesday. End of third quarter of Easter Term.

Notice of a Discussion on Tuesday, 24 May 2011
The Vice-Chancellor invites those qualified under the regulations for Discussions (Statutes and Ordinances, p. 107) to attend a Discussion in the Council Room, on Tuesday, 24 May 2011, at 2 p.m., for the discussion of the Second Report of the Council, dated 18 May 2011, on undergraduate UK/EU fees, funding, and student finance (Reporter, 2010–11, p. 785).

Notice of a Discussion on Tuesday, 31 May 2011
The Vice-Chancellor invites those qualified under the regulations for Discussions (Statutes and Ordinances, p. 107) to attend a Discussion in the Council Room, on Tuesday, 31 May 2011, at 2 p.m., for the discussion of:

Election to the Board of Scrutiny
13 May 2011
The Vice-Chancellor announces that he has received the following nominations, in accordance with Statute A, VII, 3, for election to the Board of Scrutiny, and that it has been certified to him that each candidate has consented to be so nominated:

In class (c)(i) (members of the Regent House who will not have attained the age of thirty-five years on 1 October next)

Dr Brian Damian Sloan, K, is nominated by Mr J. A. Trevithick, K, and Dr A. M. Kelly, K

In class (c)(ii) (members of the Regent House chosen without limit of age)

Mr Mervin Bruce Beckles, K, is nominated by Ms I. Urquhart, HO, and Dr B. K. Etherington, CHU
Dr Martin John Dixon, Q, is nominated by Professor R. J. Bowring, SE, and Dr C. P. Mackenzie, SE
Dr John Stuart Landreth McCombie, DOW, is nominated by Professor R. J. Bowring, SE, and Mr D. J. Goode
Dr Jason Edward Scott-Warren, CAI, is nominated by Professor H. J. Glen, NH, and Professor D. C. McFarlane, JN
Mr Paul Charles Warren, CC, is nominated by Professor R. J. Bowring, SE, and Dr N. Bampos, TH

No other persons having been nominated for election in class (c)(i), the Vice-Chancellor declares that the person named above is duly elected for four years from 1 October 2011. An election is necessary to select three members in class (c)(ii) to serve until 30 September 2015. The election will be conducted by postal ballot under the Single Transferable Vote Regulations. Voting papers will be distributed, together with the statements provided by candidates, not later than Wednesday, 1 June 2011. The last date for the return of voting papers will be Thursday, 16 June 2011.
Nomination of members of the Council in class (e) (External Members):

Election of members of Nominating Committee

13 May 2011

The Vice-Chancellor announces that the following candidates have been duly nominated in accordance with the regulations for nomination of members of the Council in class (e) (External Members) (Statutes and Ordinances, p. 116) to serve as members of the Nominating Committee, and that it has been certified to him that each candidate has consented to be nominated in the class shown:

Class (d):

Two members in class (d) of the Nominating Committee from members of the Senate.

Candidate Nominated by
Dr Susan Lintott, DOW Professor B. J. Everitt, DOW, and Dr S. J. Cowley, SE
Dr Nicholas John Holmes, T Professor A. Cooke, K, and Professor N. A. Affara, HH

No other persons being nominated, the Vice-Chancellor declares that the persons named above are duly elected in class (d) for four years from 1 October 2011, and that the election previously announced (Reporter, p. 648) will not now take place.

General Admission to Degrees 2011: Notice of procedure

The Vice-Chancellor gives notice that at the Congregations for General Admission to Degrees to be held on 30 June, 1 July, and 2 July 2011, tickets will be required for admission to the Senate-House. Admission tickets are issued by Colleges, and prospective graduands should apply to their Colleges for admission tickets for their personal friends whom they wish to invite to the Congregations. Other members of the University who wish to be present are also asked to obtain tickets from their Colleges.

The Congregations will be divided into separate sessions, with intervals between the presentation of candidates from successive Colleges, except that candidates from Darwin College, Wolfson College, and Clare Hall will be presented in a single session, as will candidates from Lucy Cavendish College, St Edmund's College, and Hughes Hall. Visitors may not leave the Senate-House except in the intervals between sessions.

Members of the University are required to wear academical dress in the Senate-House. Any member of the University who is not acting as an officer at the Congregations and who holds a degree of another university or degree-awarding institution may wear the academical dress appropriate to that degree, save that this provision shall not apply to those presenting for, or receiving, degrees. The days of General Admission are ‘scarlet’ days, and Doctors in the different Faculties are asked to wear their festal gowns. Visitors may wish to know that the University Combination Room will be open throughout the three days of General Admission for the sale of light refreshments.

Timetable for the Congregations

Thursday, 30 June

The doors of the Senate-House will be opened at 9 a.m. The Congregation will begin at 9.30 a.m. and graduands are asked to arrive by the following times:

<table>
<thead>
<tr>
<th>College</th>
<th>Time</th>
<th>College</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>King’s College</td>
<td>9.20</td>
<td>Pembroke College</td>
<td>3.20</td>
</tr>
<tr>
<td>Trinity College</td>
<td>10.10</td>
<td>Gonville and Caius College</td>
<td>4.10</td>
</tr>
<tr>
<td>St John’s College</td>
<td>11.35</td>
<td>Trinity Hall</td>
<td>5.05</td>
</tr>
<tr>
<td>Peterhouse</td>
<td>1.50</td>
<td>Corpus Christi College</td>
<td>5.55</td>
</tr>
<tr>
<td>Clare College</td>
<td>2.30</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The Congregation will be dissolved at about 6.25 p.m.

Friday, 1 July

The doors of the Senate-House will be opened at 9 a.m. The Congregation will begin at 9.30 a.m. and graduands are asked to arrive by the following times:

<table>
<thead>
<tr>
<th>College</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Queens’ College</td>
<td>9.20</td>
</tr>
<tr>
<td>St Catharine’s College</td>
<td>10.35</td>
</tr>
<tr>
<td>Jesus College</td>
<td>11.30</td>
</tr>
<tr>
<td>Christ’s College</td>
<td>12.45</td>
</tr>
<tr>
<td>Magdalene College</td>
<td>1.50</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>College</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emmanuel College</td>
<td>2.35</td>
</tr>
<tr>
<td>Sidney Sussex College</td>
<td>3.45</td>
</tr>
<tr>
<td>Downing College</td>
<td>4.30</td>
</tr>
<tr>
<td>Girton College</td>
<td>5.20</td>
</tr>
</tbody>
</table>

The Congregation will be dissolved at about 6.30 p.m.
Saturday, 2 July
The doors of the Senate-House will be opened at 9 a.m. The Congregation will begin at 9.30 a.m. and graduands are asked to arrive by the following times:

<table>
<thead>
<tr>
<th>College</th>
<th>Time</th>
<th>College</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Newnham College</td>
<td>9.20</td>
<td>Darwin College, Wolfson College, and Clare Hall</td>
<td>2.35</td>
</tr>
<tr>
<td>Selwyn College</td>
<td>10.10</td>
<td>Robinson College</td>
<td>3.05</td>
</tr>
<tr>
<td>Fitzwilliam College</td>
<td>11.00</td>
<td>Lucy Cavendish College, St Edmund’s College, and Hughes Hall</td>
<td>3.55</td>
</tr>
<tr>
<td>Churchill College</td>
<td>11.50</td>
<td>College, and Hughes Hall</td>
<td>4.35</td>
</tr>
<tr>
<td>New Hall</td>
<td>1.50</td>
<td>Homerton College</td>
<td>4.35</td>
</tr>
<tr>
<td>Homerton College</td>
<td>2.35</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The Congregation will be dissolved at about 6 p.m.

General Admission to Degrees 2011: Registry’s Notice

The Registrary gives notice that the latest time for the receipt of supplicats and any necessary certificates of terms for persons who propose to take degrees at General Admission on Thursday, 30 June, Friday, 1 July, or Saturday, 2 July 2011, is 10 a.m. on Monday, 20 June 2011. No further additions to degree lists can be accepted after that date.

Report of the Council on the governance arrangements for the North West Cambridge project and for the development of West Cambridge: Notice in response to Discussion remarks

16 May 2011

The Council has received the remarks made at the Discussion of this Report on 3 May 2011 (Reporter, 2010–11, p. 748).

It notes the recommendation of the Project Board for West and North West Cambridge that the Chairman of the West and North West Cambridge Estates Syndicate should be a person appointed with due regard for the expertise required for such a position, and that choice should not be limited by the requirement that the person appointed be a member of the Regent House. The Council has accepted this recommendation and proposes a change to the draft regulations for the Syndicate that appear in Annex 1 to the Report (Reporter, 2010–11, p. 621) so that the Chairman is not the Vice-Chancellor, ex officio, or a duly appointed deputy under Statute D, III, 7(b) (who would necessarily be a member of the Regent House) but is a person with the requisite expertise appointed by the Council.

It also notes the comments by Mr Goode about the importance of a quorum which necessitates some influence by members of the Regent House. It therefore proposes that the regulation for quoracy be amended to require the presence of three members of the Regent House.

The Council is accordingly submitting a Grace (Grace 2, p. 795) to the Regent House for the approval of the recommendations in its Report with the following changes to the regulations for the Syndicate set out in Annex 1 to the Report:

WEST AND NORTH WEST CAMBRIDGE ESTATES SYNDICATE

Revised Regulations 1 and 3.

1. The West and North West Cambridge Estates Syndicate shall consist of:

(a) a person appointed by the Council as Chairman who shall be a person with experience and expertise in matters relevant to the affairs of the Syndicate;

(b) a University officer appointed by the Council; and

(c) nine members appointed by the Council who shall be persons with experience and expertise in matters relevant to the affairs of the Syndicate (at least five of whom shall be members of the Regent House).

Subject to Regulation 12 below and the General Regulations for Boards, Syndicates, etc., members in classes (a) and (c) shall be appointed for four years from 1 January following their appointment.

3. No business shall be transacted at any meeting of the Syndicate unless at least five members are present, of whom at least three are members of the Regent House.

The Council has received the comments made at the Discussion of this Report (Reporter, 2010–11, p. 676).

It notes the reservations of the four persons who spoke at the Discussion. It wishes to reassure the University that the necessary legislative Notices will be published on a dedicated Reporter website and that paper copies will be deposited with the University Library. This has already been confirmed with the University Archivist.

The Council does not believe that the establishment of an occasional Syndicate to consider the matter is necessary. The consultations that have been held in the University and with the Colleges have not raised any widespread pressure to maintain publication of the paper copy, subject always to the condition that the necessary archive records are maintained.

In response to the request for more information about the cost and distribution of the Reporter and income received from sales and subscriptions, the following information has been obtained from Cambridge University Press. Subscriptions and sales for the year 2010–11 are as follows:

- 632 subscriptions paid for by Colleges at £11.25 each = £7,110.00
- 317 subscriptions paid for by Departments/Faculties at £11.25 each = £3,566.25
- 126 subscriptions paid for by individuals within the University at £11.25 each = £1,417.50
- 12 subscriptions paid for by individuals outside the University at £62.70 each = £752.40
- 92 copies of Accounts of Colleges taken by subscribers at £14.40 each = £1,324.80
- c. 10 copies of Accounts of Colleges sold at CUP Bookshop at £14.40 each = £144.00
- 331 extra copies of Lecture-list taken by subscribers at £2.50 each = £827.50
- 150 copies of Reporter taken by Heffer’s bookshop at £2.25 each = £337.50
- 275 copies of Reporter taken by W. H. Smith at £2.25 each = £618.75
- c. 500 copies of Lecture-list sold at CUP Bookshop at £2.50 each = £1,250.00
- c. 100 copies of Class-list sold at CUP Bookshop at £1.70 each = £170.00
- c. 30 copies of Awards issue sold at CUP Bookshop at £1.70 each = £51.00
- c. 50 copies of other assorted issues sold at CUP Bookshop at £1.70 each = £87.50

Total = £17,657.20

Income from subscriptions and sales is received by the University Press and offsets the amount billed to the Press Syndicate for producing the Reporter. The Cambridge Colleges are currently charged for the Notices that appear in the Reporter and in the past twelve months the total charge was £6,331.50. The figure of £77,000 referred to in the Report is the cost to the University Press of printing and distribution after the income from subscriptions and sales, and the charges made to the Colleges, have been taken into account. With respect to specific issues, the cost of preparation, printing, and distribution of the Lecture-list (the charges made for the Lecture-lists of 17 September 2010, 7 January 2011, and 7 April 2011) totalled £7,398.17. The cost of preparation, printing, and distribution of the Class-lists of 6 August 2010 totalled £4,767. The latest figures for access by individual users to the online version have been provided by the Management Information Services Division and are approximately 18,000 per month. (It must be estimated that as the Unified Administrative Service appears as a single user.)

Professor A. W. F. Edwards queried whether ‘when the word “publication” occurs in Statutes and Ordinances, electronic publication is sufficient’. The Council is aware that many journals are now published as online documents only and sees no difference to the Reporter in this respect. It notes that much legislation incorporates definitions of publication that include electronic means, for example the Copyright, Designs and Patents Act 1988 where ‘publication’, in relation to a work, means the issue of copies to the public and includes, in the case of a literary, dramatic, musical or artistic work, making it available to the public by means of an electronic retrieval system.

The Council notes with interest the comments made by Dr Myers. One of his concerns is the integrity of the historical record. The Council recognizes the importance of this; as mentioned above the University Library will hold archive paper copies. Recent practice, where it has been necessary to amend an entry in Reporter, and it has been deemed sufficiently important to amend and highlight the change on the original web page, has been to insert a note on the web page drawing attention to the revised Notice (this is done on very rare occasions; see for example the ‘Student Numbers’ issue for 2008–09 (Reporter, 2008–09, Special No. 4; http://www.admin.cam.ac.uk/reporter/2009-10/special/04/)).

Dr Myers referred to print-on-demand technology by the University Press, however the Press will no longer be involved in the production of the Reporter. It is expected that the saving on subscription fees will offset any future cost in downloading PDF files.

The Council notes that the publication online of class-lists and other student information such as awards and approval for degrees raises data protection issues which need attention and is considering how best this information should be provided. It will report back to the University in due course.

Professor G. R. Evans expressed some concern that frequent updates of information would reduce accountability. The Council’s purpose in suggesting this as a possibility was that where it was thought advantageous, for example the result of a ballot, a Notice could be formally announced on the Reporter web page rather than it having to wait for almost a week in the print version, or longer if a vacation intervenes. There is usually no reason for any delay in publishing straightforward Notices as the Council’s Business Committee meets weekly where necessary to approve such Notices. The Notices which have appeared on the web page during the week would be incorporated in the Reporter PDF for that week and would remain on the web page.

Dr Myers referred to the wider issue of the availability of Committee documents and reports on the web. The Council is reviewing this issue and intends that more documents are more promptly and openly made available (see...
also the Council’s Notice of 13 December 2010 (Reporter, p. 316; http://www.admin.cam.ac.uk/reporter/2010-11/weekly/6208/section1.shtml#heading2-7)).

The Council has agreed to amend Recommendation II to clarify that publication on a University website means, for the foreseeable future, on a dedicated Reporter website and that, at least weekly during term, a consolidated issue of all the items that have appeared on the website will be provided as a downloadable PDF file. It may however happen, as the Council’s website is developed, that such publication should more appropriately appear on the Council website itself. The revised Recommendation II accordingly reads as:

II. That, subject to the approval of Recommendation I, the regulations for the Cambridge University Reporter (Statutes and Ordinances, p. 105) be amended, with effect from 1 October 2011, by rescinding Regulations 3–6 and by amending Regulation 2 by adding after the first sentence the following sentences: Publication in the Reporter shall include publication on the Reporter website (http://www.admin.cam.ac.uk/reporter/). This publication shall include from time to time, and at least weekly during term, a consolidated issue of all new Notices, Reports, Graces, and other items which have appeared on the website.

The Council is accordingly submitting a Grace (Grace 1, p. 794) to the Regent House for the approval of the recommendations in the Report, with Recommendation II amended as set out above.

16 May 2011
L. K. BorysiEwicz, Vice-Chancellor
ANTHONY ANDREWS
N. BAMPOS
RICHARD BARNES
D. J. A. CASSERLEY
M. J. DAUNTON
I. M. LE M. DU QUESNAY
ANDY HOPPER
CHRISTOPHER HUM
F. P. KELLY
RAHUL MANSIGANI
RAHUL MANSIGANI
MAVIS MCDONALD
RACHEL PADMAN
JOHN SHAKESHAFT
VANESSA V. LAWRENCE

VACANCIES, APPOINTMENTS, ETC.

Vacancies in the University
A full list of current vacancies can be found at http://www.admin.cam.ac.uk/offices/hr/jobs/.

University Lectureship in Russian Literature and Culture; salary: £36,862–£46,696; closing date: 13 June 2011; further particulars: http://www.admin.cam.ac.uk/offices/hr/jobs/vacancies.cgi?job=8194

Temporary Lectureship in the Faculty of Economics; salary: £36,862–£46,696; tenure: 19 September 2011 to 31 August 2012; closing date: 27 May 2011; further particulars: http://www.econ.cam.ac.uk

The University values diversity and is committed to equality of opportunity.

Any job application submitted with a curriculum vitae should be accompanied by a Cover Sheet for Employment (form CHRIS/6) which can be downloaded from http://www.admin.cam.ac.uk/offices/hr/forms/chris6/, or may be obtained in hard copy from the advertising Department or Faculty.

Appointments, reappointments, and grants of title
The following appointments, reappointments, and grants of title have been made:

APPOINTMENTS

University Lecturer
History and Philosophy of Science. Dr Anna Alexandra, B.Sc., Nicosia, M.Sc., London School of Economics and Political Science, Ph.D., San Diego, appointed from 1 September 2011 until the retiring age and subject to a probationary period of five years.

Assistant Registrary
Estate Management. Mr David Robert Wickett, B.Sc., Central England, appointed from 5 April 2011 until the retiring age, subject to a probationary period of nine months.

Administrative Officer
Office of External Affairs and Communications. Ms Sheila Janet Rainger, M.A., Fife, appointed from 28 March 2011 until the retiring age, subject to a probationary period of nine months.
REAPPOINTMENTS

Acting Heads of Department

Medical Genetics. Professor John Todd, CAI, reappointed from 1 April 2011 to 31 March 2012.
Radiology. Professor David Lomas, EM, reappointed from 1 October 2011 to 30 September 2012.

GRANTS OF TITLE

Affiliated Lecturers

Clinical Medicine. Dr Tim Dalgleish, CLH, has been granted the title of Affiliated Lecturer from 1 June 2011 for two years.
Divinity. The Revd Dr Andrew Paul Davison has been granted the title of Affiliated Lecturer from 1 October 2010 for two years.
Education. Professor Henry Benedict Tam and Mr Michael Frederic Watts have been granted the title of Affiliated Lecturer from 10 March 2011 for two years.

Amendment

Certain of the details published in the Reporter issue of 16 June 2010 (2009–10, p. 975) have been amended as follows:

Head of Department

Physics. Professor William Stirling, PET, appointed from 1 April 2011 to 30 September 2015.

NOTICES BY FACULTY BOARDS, ETC.

Politics, Psychology, and Sociology Tripos, Parts IIa and IIb, 2012–13: Notice

The Faculty Board of Politics, Psychology, Sociology, and International Studies give notice of the following papers which are offered, and those which are not offered, for Parts IIa and IIb of the Tripos in 2012–13:

Politics and International Studies papers

Offered:

Pol. 1. The history of political thought to c. 1700
Pol. 2. The history of political thought c. 1700 to c. 1890
Pol. 3. The analysis of modern politics II
Pol. 4. The analysis of modern politics III
Pol. 5. Political philosophy and the history of political thought since c. 1890
Pol. 6. A subject in politics and international studies II: Conflict and peacebuilding
Pol. 7. A subject in politics and international studies III: The politics of Europe
Pol. 8. A subject in politics and international studies IV: The politics of Africa
Pol. 9. A subject in politics and international studies V: The politics of East Asia
Pol. 10. A subject in politics and international studies VI: Politics of the international economy
Pol. 11. Conceptual issues and texts in politics and international studies
Pol. 12. The history of political thought c. 1700 to c. 1890

Not offered:

Pol. 5. Conceptual issues in modern politics and international studies
Pol. 10. A subject in politics and international studies VII

Psychology papers

Offered:

Psy. 1. Social psychology
Psy. 2. Experimental psychology (Natural Sciences, Part Ia)
Psy. 3. Biological and cognitive psychology
Psy. 4. Developmental and psychopathology
Psy. 5. A subject in psychology II: Psychology and social issues
Psy. 6. A subject in psychology III: Gender development: biological, psychological, and clinical perspectives

Not offered:

Psy. 5. A subject in psychology I
Sociology papers

Offered:

Soc. 1. Social theory
Soc. 2. Contemporary societies and global transformations
Soc. 3. Concepts and arguments in sociology
Soc. 4. A subject in sociology I: Media, culture, and society
Soc. 5. A subject in sociology II: Modern Britain
Soc. 6. A subject in sociology III: Advanced social theory
Soc. 7. A subject in sociology IV: The political economy of capitalism
Soc. 8. The sociology of education (Paper 3 of Part II of the Education Tripos)
Soc. 9. A subject in sociology V: Religion and politics
Soc. 10. A subject in sociology VI: Medicine, body, and society

Interdisciplinary papers

Offered:

Int. 1. Inquiry and analysis I
Int. 2. Inquiry and analysis II
Int. 5. An interdisciplinary subject III: Gender, kinship, and care (Subject to being offered in the Archaeological and Anthropological Tripos, Part II)
Int. 6. Criminology, sentencing, and the penal system (Paper 23 of Part IIb of the Law Tripos)
Int. 7. Society, politics, and culture in Latin America
Int. 8. A specified subject in South Asian studies: History and politics of South Asia
Int. 9. An interdisciplinary subject IV: The family
Int. 10. An interdisciplinary subject V: Anthropology of colonialism and empire (Subject to being offered in the Archaeological and Anthropological Tripos, Part II)

Not offered:

Int. 3. An interdisciplinary subject I
Int. 4. An interdisciplinary subject II

CRASSH: Faculty Newton Research Groups

The Centre for Research in the Arts, Social Sciences, and Humanities has developed a new initiative to support cross-disciplinary research groups with the potential for collaborative grant applications, with the aim of stimulating or consolidating Faculty research initiatives in emerging fields. Funding is available for up to four groups during 2011–12. Further information is available at http://www.crassh.cam.ac.uk/page/1030/faculty-newton-research-groups.htm.

ORDERS OF EXAMINATIONS

Examination timetables

Further to the Notice of 23 February (Reporter, 2010–11, p. 558), in which it was noted that the Easter Term Orders of Examinations would be published on the Board of Examinations website rather than in a Special issue of the Reporter, the timetable for Examinations is now available at http://www.admin.cam.ac.uk/offices/exams/tables/timetables/easter/index.html.

REPORTS

Report of the Council seeking authority to submit a planning application for University land at North West Cambridge

The Council begs leave to report to the University as follows:

1. The University’s mission1 – to contribute to society through the pursuit of education, learning, and research at the highest levels of international excellence – is the strategic purpose that is the motivating force behind the current proposals to seek planning approval to develop its land at North West Cambridge.

2. The University faces competition for the most able staff and students from across the globe and its reputation is affected by its ability to continue to recruit and retain the very best people in this environment. The University intends to remain among the world’s leading universities and development of the North West Cambridge site is a key component of realizing that ambition. Together with the adjacent West Cambridge site it affords one of the few opportunities for expansion. It has been the long-standing view of the Council that

development on this site, with its relative proximity to the city centre, is essential to the future of the institution.2

University objectives

3. The primary objectives of the project are to:
   (i) provide additional housing for University and College staff – that would help to ease difficulties of new recruits, particularly post-doctoral research workers from outside of Cambridge, in subletting accommodation;
   (ii) assist with the provision of postgraduate student accommodation, the scarcity of which is inhibiting academic developments;
   (iii) provide a medium- to long-term land bank of sites which can be used for the University’s academic development and to attract private research facilities which have University links.

4. These are compelling reasons for promoting the development of North West Cambridge. But the vision for the masterplan goes significantly beyond this. The Council wishes to create a vibrant, urban extension to the City that predominates as a University quarter but one that is also a mixed academic and residential community supported by high-quality schooling, shops, community, and leisure facilities, connected internally and with the wider city by green spaces and pedestrian and cycle routes. The highest principles of energy and transport sustainability will be incorporated into the development so that not only will North West Cambridge support the academic and social needs of the University, it will show what can be achieved through contemporary technology, architecture, and urban planning. The underlying form sought through partnership between the University and local authorities is one of mixed-use neighbourhoods and North West Cambridge will reinforce that model in the way that it is developed out. It will also integrate with the development of West Cambridge and the adjoining areas, providing a coherent whole. It will benefit the existing residents, staff, and other occupants of the West Cambridge site, providing much-needed facilities that will assist development of the remaining areas.

5. It is considered that planning for larger-scale facilities on the North West Cambridge site will complement rather than compete with those at West Cambridge, and indeed make the latter potentially more attractive to commercial occupiers than it presently is.

Housing

6. The housing issues for new staff, particularly those new to Cambridge, are significant, and the Council has been briefed on the basis of staff surveys undertaken by the Department of Land Economy, as well as assessments of present and future needs and the residential markets in the Cambridge area. As reported in the Green Paper (Reporter, 2009–10, p. 1010), the most significant needs, in relation to numbers of new staff, are for contract research staff and assistant staff.

7. The Council is aware that Departments would feel better able to recruit early career research staff to Cambridge if it were possible to give assurances that good quality housing at a reasonable price near the University was available. The Council is also aware that many support staff commute to work from outlying areas because of difficulties in finding affordable housing near the University. Detailed work continues with the Human Resources (HR) Committee to develop an allocation and rental policy for the University housing on the North West Cambridge site that will address these needs and meet the requirements of the Area Action Plan. In order to ensure that there continues to be availability of accommodation for new employees, tenure will be on an annual basis limited to three years in total with a fourth year in exceptional circumstances.

8. The Area Action Plan requires that the housing for University staff is provided at below market rents based on occupants paying no more than 30% of net household income. More recent central government guidance suggests a different approach and discussions are ongoing with the local authorities as to how this will be reflected in the rental policy, which will form part of the section 106 planning Agreement.

9. The project involves equivalent numbers of houses that will be for sale in the open market through residential developers, which will provide capital receipts through land sales.3 Many units will be sold as private dwellings, but some may become private rented accommodation, and so help to address the needs of those who reach the end of permitted tenure of University rent-assisted accommodation, but wish to remain within the community. Such private rented accommodation might also assist those whose income levels exclude them from the rent-assisted accommodation.

10. The Council reminds the University that although much of the description of the project is about property issues, the fundamental drivers are the facilitation of the work of academic Departments and Faculties and providing a context for longer-term development of the University’s academic needs once existing sites are fully committed.

2 As early as 1989, the Long-Term Planning Committee reviewed the University’s site strategy, which included the University’s land at West and North West Cambridge. Its thinking has guided developments since that date. In 2000 the Council reported its intention to develop a strategy specifically for North West Cambridge in response to the East of England Plan 2008 that set out the vision and strategy for the Cambridge sub-region to 2016 to allow Cambridge to:
   (a) develop further as a world leader in higher education, research, and knowledge-based industries;
   (b) foster the expansion of the research- and technology-based economy,
   (c) provide a more sustainable balance between rates of growth in jobs and housing,
   (d) promote more sustainable and spatially concentrated patterns of development and more sustainable travel patterns,
   (e) protect and enhance the environmental qualities of the city.

   These principles have guided all subsequent Reports on the proposals for North West Cambridge and strongly informed the arguments that were presented by the University during the examination of the draft Area Action Plan in 2009.

   Throughout this period, the University’s planning has been based on an arc linking Addenbrooke’s through the centre of Cambridge to the West and North West Cambridge sites. This development is within that long-term vision, and is not intended to change the focus. Indeed the provision of substantial housing may well increase the number of staff who can live within walking or cycling distance of their place of work. It also complements parallel work to improve the central sites.

3 Which in this context would include long leases.
Collegiate accommodation

11. The limited capacity of the Colleges to offer places for postgraduate students is becoming a significant inhibitor to academic developments. This is manifested in restrictions to growth in numbers of graduate students recruited, and this in itself has an impact on the size of the pool of talent available to support the development of the University’s research.

12. Constructive discussions with the Colleges have commenced about the appropriate shape of collegiate accommodation for this site and a joint University and Colleges working group under the chairmanship of Lord Wilson (Master of Emmanuel College) has been established by the University and the Colleges’ Committee. The group is particularly interested in how new College accommodation, including perhaps a new College foundation or Approved Society, might specifically be provided to meet the needs of early career research workers in the University housing, either in conjunction with or separately from collegiate accommodation for postgraduate students. The group will be reporting initially to the Colleges’ Committee early in July so that its views may be taken into account in the detailed planning for a phase 1 development on the site.

Academic and research facilities

13. The University’s academic profile continues to develop, and the available space on other sites will soon be used up. It is much harder to be specific at this stage about the potential academic and research occupiers of this site, as in many ways its development will naturally follow on from that of West Cambridge just across the road.

14. There are no specific plans at present for academic developments on the site, but provision has been made in the masterplan for future buildings. The strategy for development and sale/investment of these facilities will follow normal procedures for approval by the Regent House and development control through the Buildings Committee (a joint committee of the Council and the General Board).

Planning overview

15. The needs of the University were explored and agreed by independent Inspectors at the public examination into the draft Area Action Plan in 2009, since when needs and rental costs have increased.


17. Some minor changes to the descriptive plans have been made since June 2010, primarily to increase their utility in a planning application. The masterplan attached to this Report has been refined. The additional draft revised plans listed in the Appendix to this Report, reflecting presentational amendments to ensure they allow for planning flexibility as the site is built out, and are legally robust, are available to members of the University on the Council’s website (http://www.admin.cam.ac.uk/committees/council/). The plans also include identifying minimum and maximum building heights, widths, and lengths.

18. The proposed development accords with the provision anticipated within the approved Area Action Plan, namely 1,500 residential units for University staff, 1,500 market housing units, 2,000 College places, 100,000 sq.m. of research space (60% for University research and 40% for private research with University links) plus supporting facilities including shops and community facilities in a local centre, primary and off-site secondary school provision, doctors’ surgery, and a hotel.

Financial implications

19. The Finance Committee has authorized expenditure to complete an outline planning application for the whole site, including an allowance for costs during the period up to the grant of outline planning consent when the local authorities are formally considering the application including the completion of a section 106 Agreement under the Planning Acts and agreeing planning conditions to secure an overall outline planning consent.

20. The Council would not wish to proceed with this scheme until a suitably robust case has been made, and that point has not yet been reached. A further Grace will be sought at that stage.

21. It is envisaged that if/when the project proceeds it will do so in phases, with each phase assessed both independently and in terms of contribution to the whole. An objective from the outset will be to ensure that even when only the initial phases have been completed, the area will have a distinctive sense of place.

22. The financial implications of all relevant parts of the anticipated section 106 Agreement are being included in the project budget and will cover primary/nursery school provision on site; secondary school contributions (towards the school on the NIAB site on the opposite side of Huntingdon Road); children’s centre; community centre and sports hall/performance space; football, cricket, and tennis pitches including an all-weather pitch; sports pavilions; swimming pool contribution; Green Travel Plan; recycling centre contribution; health centre; Police touchdown facility; library contribution (to be located on the NIAB site); and access to the countryside.

Why now?

23. The Council considers that the provision of additional housing for postgraduate students is urgent to support the University’s academic development. It also considers that developing residential accommodation would significantly ease current problems of staff recruitment.

24. There is merit in obtaining outline planning permission, which would be valid if work started...
within ten years, so that when the University feels it is right to proceed, there need not be significant delays arising from planning issues. Were the University not to proceed to secure the planning consent, it is likely that in due course the local authorities would seek to redesignate the site as Green Belt.

25. Further work has been done to develop allocation and rental policies for University housing that are acceptable to the University’s Council and HR Committee and are also believed to be consistent with the conditions contained within the Area Action Plan; these policies will be contained within the section 106 Agreement.

26. Similarly detailed work has been undertaken in respect of traffic impact mitigation/travel plan measures that will avoid progress on the project being linked to a new A14 road improvement scheme. Once agreed with the County Council and Highways Agency those measures will also be contained within the section 106 Agreement and include measures directed at demand management and trip reduction across the strategic and local road networks. Measures include the creation of new on-site bus routes; the introduction of travel plan measures across the University’s facilities in the city (e.g. encouraging car-sharing and use of public transport); funding of a promotional campaign for the guided bus; capacity enhancements to the M11 southbound slip-road; a traffic mitigation scheme at the M11 J12 Barton Interchange northern roundabout; traffic signal optimization schemes on Madingley Road, Huntingdon Road, and other local roads, with pedestrian and cyclist facility improvements on Huntingdon Road.

27. In order to take forward this project to a point where the University can decide whether or not to
The Council recommends:

That the Registrary be authorized to apply for outline planning consent for a development on the North West Cambridge site in general accordance with the illustrative masterplan set out above; and also to enter into the section 106 legal Agreement to secure the planning consent.

16 May 2011

L. K. Borysiwicz, Vice-Chancellor
Anthony Andrews
N. Bampos
Richard Barnes
D. J. A. Casserley
Stephen J. Cowley

M. J. Daunt
R. J. Dowling
I. M. Le M. Du Quesnay
David Good
Andy Hopper
Christopher Hum

F. P. Kelly
R. Lethbridge
Rahul Mansigani
Mavis McDonald
Rachel Padman

APPENDIX

The following additional draft plans are available on the Council’s website (http://www.admin.cam.ac.uk/committee/council/):

1. Site Boundary
2. Demolition Plan
3. Access Parameter Plan
4. Open Land and Landscape Areas Parameter Plan
5. Building Heights Parameter Plan
6. Land Use (Built Development and Ancillary Space) Parameter Plan
7. Development Building Zones Parameter Plan
8. University Ownership Plan
9. Existing Topography
10. Illustrative masterplan

Report of the Council on the financial position and budget of the University, recommending allocations from the Chest for 2011–12

The Council begs leave to report to the University as follows:

1. This Budget Report reviews the financial position of the University and recommends allocations from the Chest for the financial year 2011–12.

2. Information on trends in staff and student numbers, research, and expenditure patterns is provided in the usual way in Appendices 1–4 (pp. 774–7).

OVERVIEW

3. As predicted in the 2010 Budget Report,1 2011–12 will be a challenging year. Notwithstanding the possibility of further revisions, the financial consequences of the changes to government funding of Higher Education are now clear. Over the next five years, HEFCE funding for teaching Home/EU undergraduates will reduce by approximately 80% to be replaced by an increased index-linked fee of £9,000 for students admitted from 2012–13. Because of differences in phasing, during the transition period, the total income in real terms for Home/EU teaching will be around £10m per annum less than in 2009–10. Parity with the 2009–10 level will not be achieved until 2016–17 when all students will be under the new fee regime. Government funding for research to the Research Councils and HEFCE has been largely protected in cash terms, although the amounts available for capital expenditure through Research Councils appear to be severely squeezed. However, competition for available funds is increasing and there are signs that Cambridge is losing market share. Equally seriously, indirect cost recovery is falling due to a shift towards sponsors unwilling to pay the full economic cost of research (notably charities, the EU, and the British Government) and there is increasing pressure from the Research Councils to reduce indirect costs. Finally, support for capital expenditure via the HEFCE Capital Infrastructure Fund (CIF) has been reduced by approximately 60% from an average of more than £30m per annum to £11m.

4. Based on guidance issued by the Planning and Resources Committee (PRC) in July, the Planning Round builds up estimates of income and expenditure in both the Chest and non-Chest positions from detailed projections provided by Schools and Institutions, and from information on other income and expenditure. Given the uncertainty during the 2009 Planning Round, Schools and Institutions were asked to consider the planning implications of two tighter funding scenarios. Scenario A asked for a cash cut to allocations of 2% in
2011–12 and scenario B for a cash cut of 5%, both with 3% per annum cash increases thereafter. The immediate impact of the second was considered to be potentially damaging whilst the first would generate an unacceptable deficit. Hence, the PRC adopted a third scenario, C, for its 2010 Planning Round guidance. Scenario C requires a 2% cash cut in 2011–12 but only a 1% per annum cash increase thereafter. On inflation assumptions at that time, this represented a real terms cut in funding by 2014–15 of about 9% relative to 2009–10. All projections will be reviewed for the next planning round as they are rolled forward a further year and the medium-term projections are likely to change.

5. To assist Schools and Institutions in maintaining this tight budgetary framework, the PRC established working groups to report on the potential for efficiency savings in the areas of academic activities, pay and resources, and services and administration. Initial outcomes from this work include the introduction of a Voluntary Severance Scheme (VSS) to reduce the staff headcount from September 2011, and reviews of the Unified Administrative Service (UAS)\(^3\) and the delivery and organization of IT services.

6. In terms of income generation, by 2013–14 the introduction of premium M.Phil. fees and increases to overseas fees will generate £10m per annum more than predicted in the 2010 Budget Report. Also relative to the 2010 Report, investment income has strengthened by around £2m per annum. These and potential savings in pay costs from the VSS will help to offset the reductions in HEFCE grant and reduced forecasts of indirect income from research.

7. Taking all of the above into account, this Budget Report recommends allocations for 2011–12 which will result in an anticipated deficit of £9.2m. On current projections this deficit will increase to £12.7m in 2012–13 before returning to balance in 2015–16. Overall, this projected budget envelope is forecast to result in a cumulative deficit over the period of £36m. Whilst such a deficit is unwelcome, the Council believes that it strikes an appropriate balance between financial prudence and avoiding undue damage to the excellence of our teaching and research.

Fees and Funding

8. Appendix 5 describes HEFCE funding for 2011–12. Funding for teaching in 2010–11 as announced in March 2010 was £61.1m and the corresponding funding for 2011–12 as announced in March 2011 was £56.1m. In fact, however, the 2010–11 grant was cut twice in-year resulting in net funding of £58.8m. Set against this figure, the reduction in teaching funding for 2011–12 is the modest –4.7% figure announced by HEFCE, whereas in fact, the full year-on-year cut in teaching funding was –8.3%.

9. HEFCE funding for research in 2010–11 as announced in March 2010 was £117.8m, but as with funding for teaching, it was cut in-year to a net £115.8m. The total research funding for 2011–12 announced in March 2011 was £117.5m, announced as a +1.5% cash increase whereas year-on-year, it actually represented a small cut of –0.3%. This flat funding for research was achieved by reducing the weight assigned to work rated 2* in the Research Assessment Exercise from 1 to 0.3, thereby concentrating funding further on the best-performing research intensive universities. In future, it is likely that the weight for 2* will be zero, with implications for planning our strategy for submission to the Research Excellence Framework in 2013.

10. HEFCE funding for capital is reduced by over 60% to £11.3m in 2011–12. Indicative funding for the subsequent years 2012–13 to 2014–15 is broadly flat but is not guaranteed.

11. In the light of recent changes to undergraduate funding for Home/EU students, HEFCE future teaching funding is expected to reduce by 80% by 2014–15. The Government’s intention is to transfer its support from institutions to students, with higher levels of fees offsetting the substantial cuts to direct grant. The University has agreed that it will increase fees for Home/EU undergraduates in 2012–13 to £9,000, subject to agreement by OFFA of the University’s Access Agreement.\(^4\)

Capital Planning

12. In recent years, major capital expenditure projects, mainly new buildings, have been funded from a combination of sources, principally government funding through HEFCE (most recently CIF) and external donations. In the last two years, in anticipation of reductions in the availability of CIF, some modest capital provisions have been set aside in the Chest budget made possible by higher than previously forecast transfers from Cambridge Assessment. So far these allocations have not been spent. Equipment has also been funded by a combination of sources, including CIF, research grant sponsors, and the Chest equipment fund.

13. The ability to continue investing in the University’s operational buildings is essential if we are to remain globally competitive. Over the eight years from 2001 to 2009, capital spend on buildings averaged £65m per annum of which approximately half came from donations. This level is broadly comparable with our UK peers (Oxford £82m, Imperial £70m, UCL £54m). Taking account of the continued and pressing demand for new buildings and equipment, and the need to remain competitive in an environment of reducing CIF and increasing competition for research funds, the Council has agreed to continue to commit at least £25m per annum towards buildings, augmented wherever possible by donation income, and a further £8m per annum for capital equipment.

14. To support this, the PRC has agreed a Capital Planning Framework and an associated capital fund which together allow buildings and large equipment purchases to be scheduled over a planning period of up to 20 years to match academic priorities and to take account of inter-dependencies between projects. To ensure that there is no loss of scrutiny, the progress of individual projects within the framework plan will continue to be subject to the existing Capital Projects Process. To exploit fully the flexibility of the framework, actual spend against the fund will fluctuate and, to accommodate this, the Council has agreed that the fund may be augmented by an external loan provided that the full cost of interest and repayments is carried by the fund itself.

\(^2\) Reporter, 2009–10, p. 1031
\(^3\) Reporter, 2010–11, p. 481
15. The establishment of the capital fund in this way is intended to provide a robust planning basis for the University in an environment where government support for capital expenditure is decreasing and the future prospects are uncertain. Initially, the fund will be supported primarily by earmarked capital funding from government and the transfers from Cambridge Assessment and Cambridge University Press. Funding for the first four years of the Capital Fund is projected as shown in the table above.5

No separate allocations are therefore proposed for the New Buildings Enabling Fund and Potential Capital Enabling Fund.

THE CURRENT YEAR

16. The Council reported in the 2010 Budget Report that the estimated total income for the year 2010–11 would be £773.1m, of which £351.5m would be Chest income and £421.6m would be non-Chest income. The overall position on the Chest was expected to be a deficit of £3.7m. This slightly worse position arises from a number of changes summarized in Table 1. The most significant negative effects were:

- (a) lower than expected contributions to research grant overhead costs and
- (b) higher than anticipated in-year reductions in the HEFCE grant.

Set against these were:

- (a) higher than forecast endowment income and interest receivable and
- (b) higher income from Composition Fees, arising from changes in the composition of the student population, particularly the increase in students on Master's courses with premium fees.

17. For the purposes of this Report, allocations to Schools and Institutions are budgeted as fully spent. There is evidence that Schools and Institutions are managing funds carefully and spending slightly below budget; the anticipated underspends will assist them in meeting the challenges set by the proposed reduction in funding for 2011–12 compared with previous forecasts. Of assistance in keeping expenditure within budget were lower than expected pay increases in August 2010.8

18. The non-Chest component of the University (excluding Cambridge University Press, Cambridge Assessment, and the Cambridge Trusts) was forecast to generate a surplus of £4.4m in 2010–11. This component of the budget is difficult to predict with precision mid-year but there is currently no reason to expect a significantly different out-turn.

PLANNING ROUND

19. At the start of each Planning Round, Schools and Institutions are given a provisional Chest Allocation based on the agreed planning envelope. As noted in paragraph 4, it was clear that compared with the guidance issued in the previous year there were likely to be significant changes to the parameters including reductions in both income, particularly HEFCE grant, and expenditure, because pay settlements were likely (and proved) to be less than had been allowed for. On that basis the much tighter spending limits described in paragraph 4 were prescribed. As part of the Planning Round discussions, all spending sectors are able to discuss any difficulty in keeping within the indicated levels. In the event, all Planning Round submissions conformed to the guidelines, although, in some cases some spending down of reserves over the planning period is anticipated.

20. One common issue arising from this and previous Planning Rounds was the lack of appropriate incentives for maximizing income and minimizing costs and an income contingent arrangement for enabling new development. For the specific case of new income generated by Schools' proposals to raise fees for particular courses, an ad hoc arrangement was in place for sharing income between the School and the Chest. However, a more general mechanism is required. In response, the Resource Management Committee (RMC) introduced a model9 based on Resource Allocation Model10 (RAM) calculations, whereby if a School's actual RAM surplus exceeds X% of actual out-turn11 then Y% of the surplus is added to the School's allocation. Similarly, if a School's RAM deficit exceeds X% of actual out-turn, then Y% of the deficit is subtracted from the allocation. In the 2010 Planning

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5 The profile of CIF funding given in this table was a best estimate at the time of establishing the Capital Fund. As noted in paragraph 10, the latest estimate is for CIF to be £111m per annum over the period. However this is not guaranteed. Hence the more cautious estimate of £12m, £8m, £8m, £8m has been retained.
6 Initially from sums previously set aside for potential capital expenditure and the new buildings enabling fund
7 £25m Buildings + £8m Equipment
8 0.4% rather than 2%
9 Known as a RAM Distribution Model (RDM)
10 The RAM attempts to allocate Chest income and expenditure according to agreed methods and has been useful in supporting decisions on allocation levels.
11 The actual RAM surplus is not known until the Planning Round of the following year. Thus, adjustments to allocations for 2011–12 are based on the actual RAM position in 2009–10.
Round, X has been set at 5% and Y at 10%. The key feature of this model is that the X% tolerance band supports the cross-School subsidy implicit in the current Planning Round process and prevents unavoidable perturbations in out-turn disrupting School planning. The Y% surplus/deficit adjustment prevents School allocations from drifting too far from the value that is supported in the RAM by attributable income. When viewed as an incentive, this approach encourages Schools to move above the tolerance band by increasing income or saving costs whereupon they receive an increasing proportion of their additional earnings.

ESTIMATES FOR THE FORTHCOMING YEAR

21. Chest income for 2011–12 is predicted to be significantly lower than projected at this point last year, while non-Chest income is predicted to be higher, principally as a result of continued modest growth in research activity.

22. A significant reduction in Chest income arises from the cuts in HEFCE funding as outlined above in paragraphs 8 to 10. The future effectiveness of our fund-raising campaigns will also affect Chest income.

23. The continuing difficulty in obtaining greater contributions to the indirect costs of research is of considerable concern, and the PRC and the Research Policy Committee (RPC) will be giving priority over the coming year towards mitigating this problem.

24. Composition Fee income is projected to be £3.3m higher than previously estimated, as a consequence of the progressive implementation of decisions to increase fee levels for Master's courses and overseas students but tempered by new restraints on increasing student intakes due to the Colleges' limited capacity for expansion. Projected income from Endowment income and interest is £2.2m higher than previously estimated.

25. As mentioned in paragraph 20, a number of variances from the Planning Round guidance are recommended by the Resource Management Committee. These arise mainly from the Schools’ share of additional M.Phil. fee income, and the newly introduced RAM Distribution Model. These are summarized below.

<table>
<thead>
<tr>
<th>Additions in 2011–12</th>
<th>£000</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAH</td>
<td>111</td>
</tr>
<tr>
<td>SHSS</td>
<td>696</td>
</tr>
<tr>
<td>ST</td>
<td>471</td>
</tr>
<tr>
<td>SPS</td>
<td>509</td>
</tr>
<tr>
<td>SBS</td>
<td>343</td>
</tr>
<tr>
<td>SCM</td>
<td>102</td>
</tr>
<tr>
<td><strong>Schools Total</strong></td>
<td><strong>2,232</strong></td>
</tr>
<tr>
<td>Botanic Garden</td>
<td>15(^{12})</td>
</tr>
<tr>
<td>UAS</td>
<td>65(^{13})</td>
</tr>
<tr>
<td>Cambridge in America</td>
<td>168(^{14})</td>
</tr>
<tr>
<td><strong>Others Total</strong></td>
<td><strong>248</strong></td>
</tr>
</tbody>
</table>

26. The Council continues to consider that the current level of the buildings maintenance budget is broadly appropriate. The Council notes that despite the restrained expenditure on maintenance made over recent years, statistics regarding the overall condition of the Estate as reported in national statistics continues to be good. However, the cumulative effect of holding down expenditure in this area will be closely monitored.

27. The combination of predicted income and expenditure outlined above results in a projected Chest deficit for 2011–12 of approximately £9.2m (Table 2, p. 771). While recognizing that the normal planning target is to achieve a 2% to 3% surplus, the Council considers that the proposed allocations for Schools and other Institutions have been scrutinized in detail and that further reductions for 2011–12 would damage the position of the University.

28. The Operating Budget described in this Report is developed and managed on a fund accounting basis. The University’s annual Financial Statements are prepared on a financial accounting basis consistent with generally accepted accounting principles. A number of adjustments are needed to convert the Operating Budget to a format comparable to the Income and Expenditure account seen in the University’s Financial Statements. The main adjustments are to remove capital expenditure from the Operating Budget and bring in a depreciation charge, and to estimate the amount of spend against reserves and build-up of reserves. For the sake of those who wish to make comparisons with the Financial Statements, such a conversion of the Operating Budget for 2011–12 is shown in Table 4 (p. 773). The Council considers, however, that the format used in Table 2 is the appropriate one for planning.

LOOKING FORWARD

Financial projections

29. Given the current policy environment, estimates have been made of how HEFCE funding may reduce, and of the impact of the changed funding of home undergraduate students. The situation will be monitored carefully, and the University will be as proactive as it can be to protect its position. Apart from changes in T funding, and potential changes in R funding, our CIF allocation, which has been running at the equivalent of over £30m a year, will reduce to around £11m in 2011–12 and it will be at best flat for the remainder of the planning period.

30. After the consistent year-on-year growth in research activity (as measured by direct expenditure) shown in Appendix 3, it is projected that growth during the next five years will be slow. Of particular concern is the difficulty in recovering from research sponsors as a whole an appropriate share of the indirect costs of research and justifying the differential cost of supporting high quality research in new and challenging areas.

31. Endowment and investment income from the Cambridge University Endowment Fund (CUEF) has been projected by applying the formula set out in the regulations for the distributions from the Amalgamated Fund (Statutes and Ordinances, p. 998) with the assumption of a continuing modest recovery of the investment markets over the planning period. The formula balances the competing objectives of a stable flow of income to support operations while protecting the value of the endowment in real terms over time. This ‘smoothing’ approach allows consistency for planning and expenditure whilst adjusting gradually to changes in market values. The Finance Committee, with

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\(^{12}\) In respect of additional costs of safely managing tree stock

\(^{13}\) In respect of MISD (Management Information Services Division) assuming ongoing responsibility for CamTools

\(^{14}\) Projected impact of exchange rate changes; any saving is retained by the Chest
the advice of the Investment Board, will continue to keep the distribution policy under review.

32. Tuition fee income beyond 2011–12 is based on expected changes to the composition of the student population, and the changing fee structures. Future projections regarding Home/EU fees assume that the full index-linked £9,000 fee will be charged to students admitted from 2012–13 onwards.

33. Projections of expenditure beyond 2011–12 have been built up from the detailed plans at School and Institution level submitted in December 2010.

34. Pay awards have been assumed to be 0.5% per annum until 2012–13, and 1% per annum thereafter. As indicated in paragraph 42, the Council will closely monitor developments in this area.

35. Continuing growth in post-experience education is predicted and, subject to adequate arrangements for costing and pricing, should provide useful net revenue to the Chest as well as to the Departments and Institutions concerned.

36. The current agreement for the transfer of funds to the Colleges in respect of Home/EU undergraduates sees the per capita transfer increase by 2.34% to £3,951. In view of the new funding regime for Home/EU undergraduates, the University and Colleges have put in place a review of the agreement in 2011–12.

37. The predicted income and expenditure outlined above are set out for the period to 2014–15 in Table 3 (p. 772).

38. Work continues to develop long-term proposals for the University’s land at North West Cambridge to provide housing for staff and students together with provision for future academic and research accommodation. Following the principles set out in the Fourth Report on the development of the University’s land in North West Cambridge (Reporter, 2007–08, p. 613), the intention is that any investment required by the University will be ring-fenced and will be recouped on financial conditions agreed for the scheme as a whole.

Uncertainties

39. Although the details of the government’s intended funding are now clearer, the uncertain economic outlook persists and further cut-backs are possible. In particular, in-year cut-backs in HEFCE grant have been a feature of recent years and provision is now routinely made for this.

40. The funding cuts to HEFCE are complemented by tight funding for the Research Councils affecting a significant proportion of the University’s activity. Research income from industry and charities has also been affected. A significant reduction in research funding would result in a decrease in activity (principally through a reduction in the almost 3,000 or so staff supported from research grants and contracts). A recent trend across all of the major funding agencies has been to favour making large research grants aligned with strategic themes in preference to small responsive-mode grants. Recent data shows that we are losing market share within our UK peer group. The Research Policy Committee (RPC) has put in place a number of initiatives to improve our competitiveness in this area and these need to be developed further.

41. Just as concerning is that in an attempt to preserve the research activity supported by their budgets, research funders are seeking to reduce the contribution they make to indirect costs. For the Research Councils, it is clear that the implementation by the RCUK15 of the Wakeham Report16 will result in a cut to indirect recovery on both new and existing grants. Furthermore, Principal Investigators are increasingly turning to charity and EU programmes to fund research. These sponsors pay very low overhead rates and this change in the mix in our research funding is putting further pressure on indirect recovery.

42. Making medium-term estimates of increases in pay and non-pay costs is particularly difficult in current circumstances. The Council recognizes that it must continually monitor trends and review the extent to which increases in costs are matched by increases in income.

43. Last year the Council drew attention to the risks inherent in our pension schemes. The University and Assistants Joint Board has recently agreed that a revision to the assistant staff pension scheme (CPS) can be put forward for consultation with staff members. Further developments in the revision to USS are awaited. In both cases, the primary goal is to make the scheme sustainable in the long term.

44. Cambridge Assessment has a robust business plan covering the next five years. However, national and global economic conditions remain adverse and political unrest in key customer regions will be challenging. Hence, a discount has been applied to the formula agreed with Cambridge Assessment for annual transfers of surplus income to the University. A similarly prudent approach has been taken to the smaller, but growing, contributions from Cambridge University Press.

45. The UK government is committed to challenging reductions in carbon emissions, to which the University will be legally required to make its contribution. While some reductions in carbon emission will be achieved through changes to our existing practices, the scale of reductions required over the next decade will require significant expenditure. This will affect both our recurrent expenditure and our capital programme.

Conclusions

46. The Council is clear that adjusting to the new financial climate and managing the transition to the new undergraduate funding regime without undue stress will not be easy. In view of these exceptional circumstances, it has agreed that projecting a deficit budget for the period up to 2014–15 is justified to maintain our operations and to allow continued investment in essential capital and new initiatives.

47. The allocations proposed in this Budget Report are projected to lead to a Chest deficit of £9.2m in 2011–12 and a cumulative deficit of some £36m over the planning period to 2014–15. The scale of this deficit has been managed to strike an appropriate balance between financial prudence and the need to ensure that the excellence of our teaching and research is not irreparably compromised.

48. This planning envelope has only been achieved by tightly constraining School and Institution spending, starting with a –2% cash reduction in 2011–12 and below inflation increases thereafter. Without these tight constraints, the deficit would have been much greater.

and there would have been little prospect of a return to balance by 2015–16. Schools and Institutions will not find it easy to deliver the savings required and the next three years will be especially difficult.

49. In particular, it will be necessary to raise our game with regard to the quality of our research grant applications, and our ability to exploit our strengths through large-scale strategic collaborations. We also need to reduce our research infrastructure costs and improve our indirect cost recovery to ensure that our research activity is sustainable. These are matters which are now receiving considerable attention by the Council and proposals for improving our position are being developed with some urgency.

50. Nevertheless, the plans are achievable and there are potential upsides. The Voluntary Severance Scheme will generate savings and allow some strategic restructuring. The UAS and IT reviews will assist the associated organizations in providing better and more efficient support to academics. The development of new activities in executive education and premium fee Master’s courses will generate new revenues. Work in progress to improve our procurement services and our space utilization will also contribute. Finally, the continued support of alumni and donors will continue to strengthen our endowment.

51. The next few years will be difficult, but manageable. The Council believes that the plans embodied in this Report are appropriate for these uniquely challenging times, that they will enable the University to continue to flourish, and that they will allow a controlled return to balanced budgets. On this basis, the Council is content to recommend allocations for 2011–12.

RECOMMENDATIONS

52. The Council recommends:

I. That allocations from the Chest for the year 2011–12 be as follows:

(a) to the Council for all purposes other than the University Education Fund: £168.2m
(b) to the General Board for the University Education Fund: £198.5m.

II. That any supplementary HEFCE grants which may be received for special purposes during 2011–12 be allocated by the Council, wholly or in part, either to the General Board for the University Education Fund or to any other purpose consistent with any specification made by the HEFCE, and that the amounts contained in Recommendation I above be adjusted accordingly.

16 May 2011

L. K. BORYSIEWICZ, Vice-Chancellor
ANTHONY ANDREWS
N. BAMPIS
RICHARD BARNES
D. J. A. CASSERLEY
STEPHEN J. COWLEY

M. J. DAUNTON
R. J. DOWLING
I. M. LE M. DU QUESNAY
DAVID GOOD
ANDY HOPPER
CHRISTOPHER HUM

F. P. KELLY
R. LETHBRIDGE
RAHUL MANSIGANI
MAVIS McDONALD
RACHAEL PADMAN
### TABLE 1: CHEST 2010–11 LATEST FORECAST

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Income</strong></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Grants from the Funding Council</td>
<td>182.7</td>
<td>180.7</td>
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<td>93.4</td>
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<tr>
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<td>17.8</td>
<td>2.3</td>
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<tr>
<td>Other Operating Income</td>
<td>7.6</td>
<td>7.4</td>
<td>-0.2</td>
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<td>Cambridge Assessment</td>
<td>11.3</td>
<td>12.2</td>
<td>0.9</td>
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<td>1.1</td>
<td>-0.4</td>
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<td><strong>Expenditure</strong></td>
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<td>2.0</td>
<td>0.0</td>
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<td>31.7</td>
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<td>42.0</td>
<td>42.0</td>
<td>0.0</td>
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<tr>
<td>Estates related expenditure</td>
<td>38.4</td>
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<td>50.6</td>
<td>50.6</td>
<td>0.0</td>
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<tr>
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<td>353.3</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Deficit</strong></td>
<td>-1.8</td>
<td>-3.7</td>
<td>-1.9</td>
</tr>
</tbody>
</table>

**Notes**

Other operating income comprises a variety of individually small amounts including recovery of VAT, recovery of the costs of major research facilities and the internal recovery to the Chest of the indirect costs borne by the Chest resulting from certain non-chest funded activities.

Other services rendered comprises the internal recovery to the Chest of the indirect costs borne by the Chest resulting from Trading activities.
TABLE 2: CONSOLIDATED OPERATING BUDGET FOR 2011–12

<table>
<thead>
<tr>
<th>Income</th>
<th>Chest £m</th>
<th>Research Grants and Contracts £m</th>
<th>Trust Funds £m</th>
<th>Other Non-chest £m</th>
<th>Total budget £m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grants from the Funding Council</td>
<td>178.2</td>
<td>13.7</td>
<td>191.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teacher Development Agency</td>
<td>2.3</td>
<td></td>
<td>2.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Academic Fees</td>
<td>101.6</td>
<td></td>
<td>17.3</td>
<td>118.9</td>
<td></td>
</tr>
<tr>
<td>Research Grants and Contracts</td>
<td>38.0</td>
<td>275.2</td>
<td>313.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Endowment Income and Interest Receivable</td>
<td>17.8</td>
<td>29.8</td>
<td>2.3</td>
<td>50.0</td>
<td></td>
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<tr>
<td>Other Operating Income</td>
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<td>1.6</td>
<td>63.1</td>
<td>73.0</td>
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</tr>
<tr>
<td>Cambridge Assessment</td>
<td>10.0</td>
<td></td>
<td>10.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Services Rendered</td>
<td>1.3</td>
<td></td>
<td>41.3</td>
<td>42.5</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL INCOME</strong></td>
<td>357.5</td>
<td>276.8</td>
<td>29.8</td>
<td>137.6</td>
<td>801.7</td>
</tr>
</tbody>
</table>

| Expenditure                   |          |                                  |                |                   |                 |
| School of Arts and Humanities | 19.7     | 4.5                              | 4.2            | 3.4               | 31.8            |
| School of the Humanities and Social Sciences | 34.0 | 11.9                            | 4.0            | 11.4              | 61.2            |
| School of the Physical Sciences | 36.7   | 60.6                            | 7.4            | 11.9              | 116.6           |
| School of Technology          | 25.9     | 34.6                            | 3.5            | 40.8              | 104.7           |
| School of the Biological Sciences | 30.6  | 81.8                            | 2.8            | 11.0              | 126.2           |
| School of Clinical Medicine   | 15.1     | 80.7                            | 2.0            | 29.5              | 127.4           |
| **Total Schools**             | 161.9    | 274.3                           | 23.9           | 107.8             | 567.9           |
| Academic Institutions and Services | 27.3 | 0.8                           | 2.4            | 18.9              | 49.3            |
| Staff and Student Services    | 1.9      | 0.0                             | 0.0            | 2.4               | 4.4             |
| UAS                           | 32.1     | 0.5                             | 0.4            | 12.4              | 45.4            |
| Strategic Provisions          | 1.0      |                                  | 1.0            |                   |                 |
| College Fee                   | 41.6     |                                  | 41.6           |                   |                 |
| Estates related expenditure   | 39.7     |                                  | 39.7           |                   |                 |
| Other administered funds      | 61.2     |                                  | 61.2           |                   |                 |
| **TOTAL ALLOCATION/EXPENDITURE** | 366.7  | 275.5                           | 26.7           | 141.5             | 810.5           |

| Deficit/Surplus               |          |                                  |                |                   |                 |
|                              | –9.2     | 1.2                             | 3.1            | –3.9              | –8.8            |

**Notes**

Chest – as in Table 1

Non-chest Other operating income includes general and specific donations, recharges to health authorities of certain costs within the Clinical School, executive education and other programmes within Judge Business School and a variety of other activities within Schools, Non-School Institutions, the UAS, and subsidiary undertakings of the University.

Non-chest Other services rendered comprises a variety of Trading activities within Schools, Non-School Institutions (including ICE), the UAS, and subsidiary undertakings of the University.
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Chest</td>
<td>Non-</td>
<td>Total</td>
<td>Chest</td>
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<tr>
<td>Grants from the Funding Council</td>
<td>178.2</td>
<td>13.7</td>
<td>191.8</td>
<td>165.2</td>
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<tr>
<td>Teacher Development Agency</td>
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<td>0.0</td>
<td>2.3</td>
<td>2.3</td>
</tr>
<tr>
<td>Academic fees</td>
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<td>118.9</td>
<td>127.0</td>
</tr>
<tr>
<td>Research grants and contracts</td>
<td>38.0</td>
<td>275.2</td>
<td>313.2</td>
<td>39.0</td>
</tr>
<tr>
<td>Endowment income and interest receivable</td>
<td>17.8</td>
<td>32.1</td>
<td>50.0</td>
<td>18.3</td>
</tr>
<tr>
<td>Other operating income</td>
<td>8.3</td>
<td>64.7</td>
<td>73.0</td>
<td>8.6</td>
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<tr>
<td>Cambridge Assessment</td>
<td>10.0</td>
<td>0.0</td>
<td>10.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Other services rendered</td>
<td>1.3</td>
<td>41.3</td>
<td>42.5</td>
<td>1.4</td>
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<tr>
<td><strong>TOTAL INCOME</strong></td>
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<td>444.2</td>
<td>801.7</td>
<td>361.8</td>
</tr>
<tr>
<td>Expenditure</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Schools</td>
<td>161.9</td>
<td>406.0</td>
<td>567.9</td>
<td>164.7</td>
</tr>
<tr>
<td>Academic institutions and services</td>
<td>27.3</td>
<td>22.1</td>
<td>49.3</td>
<td>27.5</td>
</tr>
<tr>
<td>Staff and student services</td>
<td>1.9</td>
<td>2.4</td>
<td>4.4</td>
<td>2.0</td>
</tr>
<tr>
<td>UAS</td>
<td>32.1</td>
<td>13.3</td>
<td>45.4</td>
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<tr>
<td>Strategic provisions</td>
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<td>1.0</td>
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<tr>
<td>Other administered funds</td>
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<td>142.5</td>
<td>146.8</td>
</tr>
<tr>
<td><strong>TOTAL EXPENDITURE</strong></td>
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<td>443.8</td>
<td>810.5</td>
<td>374.5</td>
</tr>
<tr>
<td>Deficit/Surplus</td>
<td>-9.2</td>
<td>0.5</td>
<td>-8.8</td>
<td>-12.7</td>
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</tbody>
</table>
### TABLE 4: PROJECTED INCOME AND EXPENDITURE ACCOUNT 2011–12

<table>
<thead>
<tr>
<th></th>
<th>Year ending 31 July 2012</th>
<th>Income and Expenditure account</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Budget £m</td>
<td>Adjustments £m</td>
</tr>
<tr>
<td><strong>Income</strong></td>
<td></td>
<td></td>
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<tr>
<td>Grants from the Funding Council</td>
<td>191.8</td>
<td>9.5</td>
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<tr>
<td>Teacher Development Agency</td>
<td>2.3</td>
<td>2.3</td>
</tr>
<tr>
<td>Academic Fees</td>
<td>118.9</td>
<td>5.0</td>
</tr>
<tr>
<td>Research Grants and Contracts</td>
<td>313.2</td>
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<td>–0.1</td>
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<tr>
<td>Other Operating Income and services rendered</td>
<td>115.6</td>
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<td>Cambridge Assessment &amp; CUP transfers</td>
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<td>17.3</td>
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<tr>
<td><strong>TOTAL INCOME</strong></td>
<td>801.7</td>
<td>8.0</td>
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<tr>
<td><strong>Expenditure</strong></td>
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<td><strong>Staff costs</strong></td>
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<td>Other</td>
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<td><strong>Other operating expenses</strong></td>
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<tr>
<td>Research</td>
<td>118.0</td>
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<td>College Fee Transfer</td>
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<td>41.6</td>
</tr>
<tr>
<td>Other</td>
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<td><strong>Depreciation</strong></td>
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<tr>
<td>Research</td>
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<td>1.8</td>
</tr>
<tr>
<td>Other</td>
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<td>30.7</td>
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<tr>
<td><strong>Total expenditure on continuing operations</strong></td>
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<td>4.6</td>
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<tr>
<td><strong>Surplus/Deficit on operations before transfers</strong></td>
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<tr>
<td>Released from specific donations</td>
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<td>11.0</td>
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<tr>
<td><strong>Surplus/Deficit retained in reserves</strong></td>
<td>–8.8</td>
<td>14.5</td>
</tr>
</tbody>
</table>

**Notes**

1. **Expenditure**
   - The expenditure estimates in Table 2 have been analysed into income and expenditure account categories on the basis of relevant working papers.

2. **Eliminations**
   - Income, as stated in Table 2, includes items totalling £20.7m which are excluded from the income and expenditure account, either because the funds are received by the University as agent or because the income is internal to the University (such as internal loan transactions). The same amount is adjusted in expenditure. In addition the estimated VAT repayment of £2.4m, included in income on Table 2, is set against expenditure in the income and expenditure account.

3. **Capital adjustments**
   - Table 2 is prepared on the basis of funds to be received, allocations, and cash spent. Adjustments are required to exclude from expenditure amounts which will be spent on equipment and other items which will be capitalized as fixed assets in the financial statements (total £21.5m), and to include estimates of depreciation totalling £54.0m. Corresponding income adjustments are required in respect of the external funding for these items totalling £10.8m and releases of deferred capital grants to match depreciation (total £32.9m).

4. **Reclassifications**
   - Income items totalling £7.0m are classified differently within the operating surplus/ (deficit) as between Table 2 and the financial statements. In addition, £11m of forecast specific donations included within income in Table 2 is included as a transfer from endowments within the income and expenditure account in accordance with the University’s accounting policies.

5. **Impact of consolidation**
   - Table 2 represents the University’s projected activities together with the activities of certain subsidiary companies attached to specific University Institutions. An adjustment is required to estimate the impact of consolidating the income and expenditure of all subsidiaries. An estimate of £6.7m has been added to income and expenditure based on the 2009–10 actual consolidation.
### APPENDIX 1: Staff FTE by organization and staff grouping: 2002–2011

#### Academic

<table>
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<tr>
<th></th>
<th>2002</th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
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</thead>
<tbody>
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<td>Schools &amp; Academic institutions</td>
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<td>1,535</td>
<td>1,524</td>
<td>1,479</td>
<td>1,484</td>
<td>1,553</td>
<td>1,594</td>
<td>1,557</td>
<td>1,533</td>
<td>1,520</td>
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<td>UAS &amp; Vice-Chancellor’s Office</td>
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<td>4</td>
<td>3</td>
<td>2</td>
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<td>Development Office &amp; Investment Office</td>
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<td>1</td>
<td>1</td>
<td>1</td>
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<tr>
<td><strong>Total</strong></td>
<td>1,514</td>
<td>1,540</td>
<td>1,529</td>
<td>1,483</td>
<td>1,487</td>
<td>1,559</td>
<td>1,599</td>
<td>1,559</td>
<td>1,535</td>
<td>1,523</td>
</tr>
</tbody>
</table>

#### Academic-related (administrative)

<table>
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<tr>
<th></th>
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<th>2003</th>
<th>2004</th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
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</thead>
<tbody>
<tr>
<td>Schools &amp; Academic institutions</td>
<td>147</td>
<td>143</td>
<td>166</td>
<td>175</td>
<td>172</td>
<td>206</td>
<td>208</td>
<td>249</td>
<td>265</td>
<td>288</td>
</tr>
<tr>
<td>UAS &amp; Vice-Chancellor’s Office</td>
<td>202</td>
<td>250</td>
<td>230</td>
<td>192</td>
<td>191</td>
<td>222</td>
<td>224</td>
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<td>25</td>
<td>16</td>
<td>10</td>
<td>9</td>
<td>13</td>
<td>18</td>
<td>16</td>
</tr>
<tr>
<td>Museums &amp; Galleries</td>
<td>8</td>
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<td>13</td>
<td>13</td>
<td>17</td>
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# APPENDIX 2: University student statistics (full-time fee-paying students)

## Undergraduates

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<td>17,397</td>
<td>17,738</td>
<td>18,047</td>
</tr>
<tr>
<td>Total Islands Student Numbers</td>
<td>14,117</td>
<td>14,269</td>
<td>14,268</td>
<td>14,391</td>
<td>14,612</td>
<td>14,410</td>
<td>14,099</td>
<td>13,926</td>
<td>14,097</td>
<td>14,301</td>
</tr>
<tr>
<td>Total Overseas Student Numbers</td>
<td>32</td>
<td>38</td>
<td>41</td>
<td>40</td>
<td>48</td>
<td>53</td>
<td>54</td>
<td>47</td>
<td>36</td>
<td>40</td>
</tr>
<tr>
<td>Total Student Numbers</td>
<td>16,895</td>
<td>17,247</td>
<td>17,307</td>
<td>17,421</td>
<td>18,039</td>
<td>17,951</td>
<td>17,518</td>
<td>17,397</td>
<td>17,738</td>
<td>18,047</td>
</tr>
</tbody>
</table>

### Notes

Data as at 1 December

1. This simple overview tabulation cannot be directly compared with any of the detailed tables in the annual Student Statistics special edition of the *Reporter*, as there are differences of treatment for certain categories of student, particularly ERASMUS and other exchange students at undergraduate level. At postgraduate level the numbers coincide in all years except 2006–07, where the number quoted here takes account of the latest available analysis.

2. Students with a part-time mode of study are excluded from this appendix. These include part-time postgraduates (e.g. M.Ed. and M.St. students) and non-matriculated students (e.g. Faculty of Education INSET, ICE, and CPSL students).

3. Postgraduate students who have completed the minimum requirements of their course, i.e. who are writing up or under examination, are also excluded from this appendix. In 2005–06 and 2006–07 postgraduate students were recorded as full-time for the first 10 terms and as writing up from the 11th term onwards. In 2004–05 and 2007–08 students are classified as full-time for 9 terms and as writing up from the 10th term onwards. The effect of these changes in definitions is that the number of full-time postgraduate students is higher for 2005–06 and 2006–07 in comparison with 2004–05 and 2007–08.

4. Incoming and outgoing reciprocal (ERASMUS) students and incoming MIT students are excluded as they do not pay fees.
APPENDIX 3: Research grants and contracts

Table 1 below shows how expenditure on research pay and non-pay has grown since 2003–04. It also shows how, with the introduction of fEC, contributions to indirect costs increased markedly, but are beginning to drop again.


Total research income 174.4 183.1 194.4 211.5 232.6 260.2 267.7 282.3
Staff costs 80.9 84.0 88.3 95.5 103.4 116.0 122.5 125.5
Other direct expenditure 72.3 78.4 84.3 87.9 92.4 99.4 99.5 111.5
Direct research expenditure [year-on-year % increase] 153.2 162.4 172.6 183.4 195.8 215.4 222.0 237.0
Non-Chest indirects 9.5 9.0 9.7 10.4 11.2 13.0 12.4 11.0
Chest indirects 11.7 11.7 12.1 17.7 25.6 31.8 33.3 34.3
Contribution to indirect costs 21.2 20.7 21.8 28.1 36.8 44.8 45.7 45.3
Contribution as % of staff costs 26.2% 24.6% 24.7% 29.4% 35.6% 38.6% 37.3% 35.8%
Contribution as % of direct expenditure 13.8% 12.7% 12.6% 15.3% 18.8% 20.8% 20.6% 18.8%

Over this period, there was a phased removal of Dual Funding Support targets, which removed a burden (approximately 5% of research grant staff costs in 2005–06) from Departmental budgets.

Table 2 below shows the changing mix of sponsors over the same period, calculated on direct expenditure (as a Proxy for activity/volume).


Research Councils 35.5% 38.2% 39.9% 41.2% 39.8% 38.2% 36.2% 33.2%
UK Charities 33.9% 35.0% 34.7% 33.1% 34.8% 33.3% 35.0% 34.9%
EC 5.5% 5.6% 5.8% 6.0% 6.1% 7.2% 7.9% 10.9%
UK Government 8.1% 4.7% 4.0% 4.4% 5.7% 7.3% 6.9% 7.1%
UK Industry 10.2% 9.7% 8.8% 7.1% 6.6% 6.1% 4.8% 6.1%
Other incl. overseas 6.8% 6.7% 6.9% 8.2% 7.1% 8.0% 9.2% 7.9%
100% 100% 100% 100% 100% 100% 100% 100%

APPENDIX 4: Expenditure

In parallel with the new presentation of staff numbers, the Council agreed to show the changing patterns of total expenditure from both Chest and non-Chest sources in the form of the table below. This shows a fairly stable pattern of expenditure in academic institutions as a proportion of total expenditure.

Given the inclusion in the other institutions and activities line of ad hoc and project expenditure, a certain amount of variation from year to year would be expected. For that reason the breakdown between other institutions and other activities is given this year.

Schools & Other Academic Institutions 364.6 383.4 407.0 442.6 485.2 498.3
Other Institutions 122.1 131.8 146.5 161.6 187.1 181.2
Other Activities 36.2 41.4 45.4 53.0 55.7 56.9
Total Expenditure 522.9 556.6 598.9 657.2 728.0 736.4

Notes

Because the split of expenditure from certain funds is not certain until the end of the financial year, no projection is given for the current year.

'Schools and other academic institutions’ figures include Centre for Business Research, Cambridge Programme for Industry (now Cambridge Programme for Sustainability Leadership), Institute of Continuing Education, and related activity handled by Cambridge Enterprise, plus UAS staff in Schools.

'Other activities’ represents College fees, plus University Farm, Cambridge–MIT Institute, subsidiary companies, and balance sheet adjustments.

'Other institutions’ includes energy costs, which explain the significant change in 2008–09.
APPENDIX 5: HEFCE FUNDING FOR 2011–12 (including final fourth quarter adjustments to 2010–11)

Summary
1. This paper is an analysis of HEFCE provisional funding for 2011–12 and the final fourth quarter adjustments to 2010–11. (Teacher Development Agency (TDA) grants are announced separately.)

HEFCE funding for the sector
2. The Secretary of State announces annually the priorities for HEFCE and the available funding. His 20 December 2010 letter states that the Government will set out in a White Paper its ‘overall thinking and plans for HE’ and asks HEFCE to focus on supporting a smooth transition to the new arrangements. HEFCE are asked to give importance to:
   • Social mobility, fair access, and widening participation;
   • Renewed emphasis on teaching quality;
   • Student choice;
   • Responsiveness to the changing demands of students and employers;
   • Controls on student numbers;
   • Capital funding to support key strategic objectives;
   • Selective funding of research; reduced indirect costs;
   • Universities and business working more closely together;
   • Efficiencies, shared services and collaborations; sustainable development;
   • Pay restraint;
3. The overall grant settlement by financial year is summarized in HEFCE circular 05/2011¹ as follows:²

<table>
<thead>
<tr>
<th>HEFCE grant³ for the 2010–11 and 2011–12 financial years</th>
<th>Final funding for 2010–11 (£m)</th>
<th>Funding for 2011–12 (£m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recurrent teaching</td>
<td>4,949</td>
<td>4,645</td>
</tr>
<tr>
<td>Recurrent research</td>
<td>1,618</td>
<td>1,549</td>
</tr>
<tr>
<td><strong>Total recurrent</strong></td>
<td><strong>6,567</strong></td>
<td><strong>6,194</strong></td>
</tr>
<tr>
<td>Teaching capital</td>
<td>207</td>
<td>95</td>
</tr>
<tr>
<td>Research capital</td>
<td>167</td>
<td>75</td>
</tr>
<tr>
<td><strong>Total capital</strong></td>
<td><strong>374</strong></td>
<td><strong>170</strong></td>
</tr>
<tr>
<td>Science Budget: capital</td>
<td>158</td>
<td>53</td>
</tr>
<tr>
<td>Science Budget: Higher Education Innovation Fund</td>
<td>113</td>
<td>113</td>
</tr>
<tr>
<td><strong>Science Budget: total other elements</strong></td>
<td><strong>271</strong></td>
<td><strong>166</strong></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>7,212</strong></td>
<td><strong>6,530</strong></td>
</tr>
</tbody>
</table>

4. The announcement of grant has two reservations:
   (1) Allocations are provisional. Institutions are asked to note that grant from BIS is not confirmed for the 2012–13 financial year which has a four-month overlap with the 2011–12 University year and HEFCE reserves the right to review all allocations if the allocations are not as indicated in the BIS grant letter.
   (2) The second year of the HEFCE Student Number Control limits the 2011 intake of full time undergraduate HEFCE fundable students, and funding may be withdrawn if institutions exceed their control number.⁴

Outcome for Cambridge
5. HEFCE’s summary shows that Cambridge receives a decrease of 0.58% in recurrent funding for 2011–12, compared with a sector average decrease of 4.08%.
6. HEFCE’s comparison is with funding for 2010–11 after all adjustments. The tables below give a more detailed view which shows the June 2010 and February 2011 reductions applied to the teaching funding grant announced in March 2010, and the single reduction announced in February 2011 to R funding. The central column corresponds to the HEFCE totals referred to in the previous paragraph.
7. Because of the prospect of reductions in 2010–11 funding, £2m of announced funding was held back in the 2010 Budget Report and not allocated. That is slightly less than the total reductions in T funding of £2.35m. The £2m reduction in R funding was not expected and no provision was made for it, but it is partly offset by an additional £0.5m R funding to be received in arrears in 2010–11 (as a result of a HEFCE comparison of returns of research student numbers showing under-funding in 2009–10 of that amount).

¹ http://www.hefce.ac.uk/pubs/cirlets/2011/cl05_11/
² Further detail is available in the sector grant announcement circular at http://www.hefce.ac.uk/pubs/hefce/2011/11_07/.
³ Funding figures taken from the annex to the 20 December 2010 grant letter, but excluding the matched funding scheme for voluntary giving and the Access to Learning Fund, which are BIS budgets that HEFCE administers on its behalf; and for BIS loans to institutions on the upfront costs of graduate contributions, which are expected to total £2,600m. The 2010–11 comparison figure also excludes £152m provided only in 2010–11 for the University Modernisation Fund.
⁴ The University is currently recruiting well within the maximum.
8. The difference between announced funding for 2011–12 and the forecast funding used in the Planning Guidance was not sufficient to trigger revisions to proposed Allocations.

Funding in detail

HEFCE Funding for Teaching

9. After all the adjustments in the teaching stream described below, the total change is a reduction of 4.67% when compared with the adjusted teaching grant for 2010–11, but a reduction of over 8% when compared with the March 2010 announcement for the current year, and 14% over the March 2009 provisional allocation for 2009–10, before the reduction in Targeted Allocations and the current round of efficiency gains.

Mainstream Teaching Funding

10. The basic principle of the funding method for teaching (a comparison of Standard Resource with the sum of Assumed Resource and Assumed Fees) is unchanged for some years and is described in the HEFCE publication Guide to Funding; how HEFCE allocates its funds (circular 2010/24 at hefce.ac.uk). There have, however, been significant changes in the last few years around the basic model: the removal of premiums, the creation and removal of targeted allocations, and the effect of the ‘ELQ’ policy.

11. The calculation of Standard Resource groups academic activity into four price groups so that similar activities are notionally funded at similar rates. The base price per weighted full-time equivalent student is £3,670 – a significant reduction from 2009–10 (£3,951) and reflecting the effect of successive efficiency gains.

12. A factor of minus 4.28% is applied to mainstream teaching grant before the addition of other grant elements.

Contract range and student numbers

13. The University’s contract position is +5.7% (+4.7% in 2010–11), still within the University’s bespoke contract range of –5.0% to +7.7% but above the sector norm that applies to most other institutions of –5.0% to +5.0%. (The higher ceiling was introduced to enable extra funding for Cambridge under the College Fee settlement.) The comparison that matters more is that produced after the HESA return when the HESES is recreated to show the true contract position based on actual (not projected) fundable student numbers. The position in the recreation derived from the 2010 HESA return was 5.3% (2009: 3.1%). Reducing Home/EU fundable student load is one reason for the rise in the position and the trend can be held or reversed – and the risk partially managed – if Clinical School numbers are allowed to rise in successive annual steps as the Clinical School plans.

14. The HEFCE student number control introduced for the 2010 entry limits the intake of new fundable students to no more than the 2008 entry. The University is currently admitting below the cap and has declined the offer of additional unfunded numbers for 2012 which it would not recruit. The clinical entry is outside that control (as the students have already been admitted).

15. A second reason for the increase in the position as reported in the grant letter (and which will probably apply to the HESES recreation from the 2011 HESA) is that HEFCE have reduced the base price in the Standard Resource calculation. Unequal reductions in Standard Resource and the Assumed Resource (with which it is compared) have contributed to the change in position. The risk of moving above the contract range as a result of formula changes has increased but it appears from the grant letter that where institutions have moved above the contract range, their upper limit has moved with them.

16. It is not clear what role this form of monitoring will play in funding arrangements post 2012, if it is playing any role now, but it is prudent to assume that until HEFCE abolish the arrangement the University will continue to risk holdback of funding if it rises above the Contract Range.

Targeted Allocations

17. The last weightings were eliminated from the Standard Resource calculation in 2008–09 and converted to Targeted Allocations (except the premium for London Weighting which does not apply to Cambridge). The Historic Buildings and Institution Specific allocations were originally premiums introduced (with other measures) to convey to the University part of the funding to support the College Fee, formerly paid direct to the Colleges. The Historic Buildings targeted allocation was discontinued in 2010–11. Some of the Targeted Allocations have a fixed value reflecting fixed costs and some are volume dependent.

18. Funding for very high cost and vulnerable science subjects (‘SIVS’) continues for 2011–12, although originally only set aside by HEFCE for the three years 2007–08 to 2009–10, and is intended to support chemistry; physics; chemical engineering; and mineral, metallurgy, and materials engineering to help maintain capacity in these subjects while demand from students grows. An additional allowance is provided to support SIVS following the introduction of the ELQ policy.

19. Former special funding for minority subjects was included in mainstream teaching grant from 2005–06, and is subject to the condition that one year’s notice must be given if there is an intention to close any subject for which this funding was provided. If so, funding may be reclaimed by HEFCE. The scope of the requirement to give notice has been extended to SIVS generally.

20. Rates of funding have reduced to reflect the June 2010 and February 2011 pro-rata reductions.

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5 http://www.hefce.ac.uk/pubs/hefce/2010/10_24/
6 The HESES (early statistics) survey is produced in December projecting fundable numbers for the subsequent year and is used by HEFCE in the teaching funding calculations for that subsequent year. The HESA return produced at the end of that year showing actual numbers is used by HEFCE to ‘recreate’ the HESES return for a comparison of projected and actual fundable numbers. Differences must be accounted for; there may be consequences for funding and audit if discrepancies are significant, and it is the recalculation of the contract position from the recreation on which holdback and other actions are based.
21. There do not appear to have been any significant changes to the various Targeted Allocations for widening participation and student success. Improving retention funding is now included within funding for Teaching Enhancement and Student Success.

Other issues related to funding for teaching

22. The University successfully bid in partnership with the Cambridge Theological Federation for co-funded Additional Student Numbers (ASNs) to support a continued intake of 45 ELQ students to the B.Th. and to the B.A. in Theology in and after 2009–10 (so a total of 90 over the two years of the course taken by Affiliated Students). These ASNs are in addition to the Student Number Control; the normal holdback arrangements for under-recruitment do not apply, but there is individual monitoring of these ASNs and under-recruitment in 2009 has led to special holdback of grant of £41,935 in the current year, not shown in the grant tables. A second chance is given to make up the number, but if that is not successful the funded number will permanently reduce. The Federation is aware. Transitional funding for ELQ is otherwise reducing in line with expectations.

**HEFCE TEACHING FUNDING**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Teaching Funding – Core Funds</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Baseline ‘T’ Grant (mainstream teaching grant in previous year)</td>
<td>53,560,268</td>
<td>53,558,547</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2009–10 efficiency saving</td>
<td>(728,863)</td>
<td>(583,081)</td>
<td>(1,483,369)</td>
<td></td>
</tr>
<tr>
<td>June 2010 pro-rata saving</td>
<td></td>
<td>(138,164)</td>
<td>(204,390)</td>
<td></td>
</tr>
<tr>
<td>February 2011 consolidated reduction@</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ERASMUS/SOCRATES fee compensation¹¹</td>
<td>(138,164)</td>
<td>(204,390)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Adjusted Mainstream Teaching Grant</strong></td>
<td>52,693,241</td>
<td>51,287,707</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ERASMUS/SOCRATES fee compensation</td>
<td>206,640</td>
<td>245,280</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uplift to (reduction in) mainstream grant</td>
<td>658,666</td>
<td>(2,195,114)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MAINSTREAM TEACHING GRANT¹²</strong></td>
<td>53,558,547</td>
<td>51,532,987</td>
<td>49,337,873</td>
<td>(2,195,114)</td>
</tr>
<tr>
<td>June 2010 pro-rata saving</td>
<td></td>
<td></td>
<td>(583,081)</td>
<td></td>
</tr>
<tr>
<td>February 2011 consolidated reduction</td>
<td></td>
<td></td>
<td>(1,483,369)</td>
<td></td>
</tr>
<tr>
<td>ERASMUS/SOCRATES fee compensation</td>
<td></td>
<td>(204,390)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ERASMUS/SOCRATES fee compensation</td>
<td>245,280</td>
<td>245,280</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Adjusted total</strong></td>
<td>53,558,547</td>
<td>51,532,987</td>
<td>49,337,873</td>
<td>(2,195,114)</td>
</tr>
</tbody>
</table>

**Targeted allocations**

**Widening participation**

Widening participation from disadvantaged backgrounds – full time UG

Widening participation from disadvantaged backgrounds – part time UG

Widening access for students with disabilities

Total widening participation

---

7 This column is 2010–11 grants as announced in March 2010; subsequent adjustments announced in July 2010 and February 2011 are shown in the next table.

8 This column is 2010–11 grants with the pro-rata adjustments deducted in each category. These are the figures with which HEFCE has compared 2011–12 funding.

9 These are provisional grants for 2011–12.

10 The adjustment to the baseline is not the same as the reduction to actual grant in 2010–11 because the actual adjustment was calculated on a total that took account of the University Modernisation Fund, now discontinued.

11 ERASMUS fee compensation is awarded for outgoing students who under the terms of the ERASMUS scheme cannot be charged a fee. The previous year’s addition is deducted from the baseline to ensure that the funding adjustment is not applied to a total which includes it. Fee compensation is then added back for the current year after the adjustment to funding.

12 The comparison in this and subsequent rows are with the restated 2010–11 grant.
### HEFCE Teaching Funding

#### Teaching enhancement and student success

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Improving retention: full time UG</td>
<td>57,975</td>
<td>60,071</td>
<td></td>
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</tr>
<tr>
<td>Improving retention: part time</td>
<td>41,300</td>
<td>8,316</td>
<td></td>
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</tr>
<tr>
<td>Research informed teaching</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Institutional learning and teaching strategies</td>
<td>370,523</td>
<td>330,854</td>
<td></td>
<td></td>
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<tr>
<td><strong>Total teaching enhancement and student success</strong></td>
<td><strong>469,798</strong></td>
<td><strong>454,382</strong></td>
<td><strong>399,241</strong></td>
<td><strong>(55,141)</strong></td>
</tr>
</tbody>
</table>

#### Other targeted allocations

<table>
<thead>
<tr>
<th>Category</th>
<th>2010–11</th>
<th>2011–12</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Targeted Allocation for part-time undergraduates</td>
<td>60,018</td>
<td>12,056</td>
<td></td>
</tr>
<tr>
<td>Targeted Allocation for foundation degrees</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Targeted Allocation for accelerated/intensive provision</td>
<td>35,763</td>
<td>52,670</td>
<td></td>
</tr>
<tr>
<td>Institution-specific Targeted Allocation(^{13})</td>
<td>2,996,884</td>
<td>2,757,630</td>
<td></td>
</tr>
<tr>
<td>Maintaining capacity in SIVS following ELQ policy</td>
<td>675,969</td>
<td>622,003</td>
<td></td>
</tr>
<tr>
<td>Additional funding for very high cost and vulnerable science subjects</td>
<td>1,113,545</td>
<td>1,024,646</td>
<td></td>
</tr>
<tr>
<td><strong>Sub-total</strong></td>
<td>4,882,179</td>
<td>4,693,286</td>
<td>4,469,005</td>
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#### Total targeted allocations

<table>
<thead>
<tr>
<th></th>
<th>2010–11</th>
<th>2011–12</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total targeted allocations</strong></td>
<td><strong>5,771,367</strong></td>
<td><strong>5,562,492</strong></td>
<td><strong>5,193,207</strong></td>
</tr>
</tbody>
</table>

#### Other recurrent teaching grants

<table>
<thead>
<tr>
<th>Category</th>
<th>2010–11</th>
<th>2011–12</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical consultants’ pay</td>
<td>607,144</td>
<td>558,673</td>
<td></td>
</tr>
<tr>
<td>Senior academic GPs’ pay</td>
<td>16,504</td>
<td>15,186</td>
<td></td>
</tr>
<tr>
<td>NHS pension schemes compensation</td>
<td>81,751</td>
<td>75,224</td>
<td></td>
</tr>
<tr>
<td>Transitional Funding for ELQs</td>
<td>947,987</td>
<td>764,689</td>
<td></td>
</tr>
<tr>
<td><strong>Other recurrent teaching grants</strong></td>
<td><strong>1,653,386</strong></td>
<td><strong>1,589,416</strong></td>
<td><strong>1,413,772</strong></td>
</tr>
</tbody>
</table>

#### Non-mainstream student numbers\(^{14}\)

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>Sub-total adjustments</strong></td>
<td><strong>7,543,994</strong></td>
<td><strong>7,266,536</strong></td>
<td><strong>6,716,700</strong></td>
<td><strong>(549,836)</strong></td>
</tr>
</tbody>
</table>

#### TOTAL TEACHING FUNDING

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TOTAL TEACHING FUNDING</strong></td>
<td><strong>61,102,541</strong></td>
<td><strong>58,799,523</strong></td>
<td><strong>56,054,573</strong></td>
<td><strong>(2,744,950)</strong></td>
</tr>
</tbody>
</table>

---

\(^{13}\) The former small and specialist institutions premium.

\(^{14}\) For certain B.Th. and B.A. Theology students, in partnership with the Cambridge Theological Federation. £41,935 holdback in 2010–11 for under-recruitment in 2009–10 is not shown.
23. Alternatively the changes can be summarized as follows:

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>March 2010 grant announcement</strong></td>
<td>61,102,541</td>
<td>56,054,573</td>
<td>(5,047,968) –8.26%</td>
</tr>
<tr>
<td>June 2010 pro rata saving to mainstream teaching grants</td>
<td>(583,081)</td>
<td>(82,130)</td>
<td></td>
</tr>
<tr>
<td>June 2010 pro rata saving to non-mainstream teaching grants</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>July 2010 grant announcement</strong></td>
<td>60,437,330</td>
<td>56,054,573</td>
<td>(4,382,757) –7.25%</td>
</tr>
<tr>
<td>March 2011 reduction to mainstream teaching grant</td>
<td>(1,489,114)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>March 2011 reduction to non-mainstream teaching grant</td>
<td>(195,329)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL TEACHING FUNDING (AT MARCH 2011)</strong></td>
<td>58,752,887</td>
<td>56,054,573</td>
<td>(2,744,950) –4.67%</td>
</tr>
</tbody>
</table>

HEFCE Funding for Research

**Mainstream Funding**

24. QR continues to be calculated using a measure of volume of research activity in each Unit of Assessment (UOA) weighted by quality, but from 2009–10 has incorporated the outcome of the 2008 RAE in which quality was reported as a profile instead of by a single rating.

25. HEFCE’s funding method for mainstream QR allocates pots to each UOA in proportion to volume above 2* (1* and unclassified volume is unfunded). Those pots are then divided by weighted volume. The weights are unchanged for 2011–12. Volume is the FTE category A staff submitted in the RAE (including College employed staff) attributed by the percentages in the quality profile. In 2009–10 the volume attributed to 2*, 3*, and 4* was weighted 1, 3, 7, respectively, but in 2010–11 was weighted 1, 3, 9. For 2011–12 the weightings have changed again to 0.294, 3, 9. The effect is to increase selectivity but the reduced pot of mainstream QR leads to a sector average reduction (see Annex A) of 3.98%; Cambridge’s is less at minus 0.51%. HEFCE have noted the clear implication that, by 2012–13, activity rated at 2* should no longer be counted in allocating mainstream QR grant. They will be consulting institutions later this year on the development of the research funding method, with particular reference to support for the next generation of researchers.

**Charity Support Funding**

26. Charity Support Funding is calculated in proportion to the average of eligible home and overseas charity income reported in 2008–09 and 2009–10. The derived rate at which 2011–12 funding is allocated is 25.9% of the reported average (reduced from 27.6% in 2010–11 and 28.2% in 2009–10). The allocation of funding is cash level from 2010–11 and so the change in rate is the result of higher sector volume. 6% of the University’s allocation is passed direct to departments.

**Business Research Funding**

27. The Business Research element of funding is calculated on the average of funding reported for 2007–08 and 2008–09 in the HESA Finance Return. The derived rate of funding in 2010–11 was 29%, 0.5% lower than for 2008–09. It has not yet been calculated for 2011–12. The allocation of funding is cash level from 2010–11.

**Other Research Funding**

28. Research Degree Programme (RDP) supervision funding is calculated on cost weighted Home/EU RDP/PGR student load in years 1–3 full time (1–6 part time). The unit of funding per cost-weighted FTE has reduced again for 2011–12 and is £3,447 (2010–11: £3,711; 2009–10: £3,878; 2008–09: £4,294).

29. Funding for National Research Libraries is the latest manifestation of regularly reviewed funding. There was a major review in 2009 after which cash level funding was provided for 2009–10 and 2010–11. £6m has again been provided but allocated in 2011–12 pro-rata to the full economic costs incurred in providing a service to external users identified through a TRAC analysis.

**Supplementary Funding**

30. The £1.9m allocated in 2010–11 was the third and last year of HEIF 4 (Higher Education Innovation Funding). A provisional allocation of £2.85m HEIF 5 has been calculated on metrics returned in the annual Higher Education – Business and Community Interaction (HE–BCI) survey. The funding is the capped maximum but depends on the outcome of a consultation on threshold funding and some other questions.

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15 This column is 2010–11 grants as announced in March 2010; showing subsequent adjustments.
16 These are provisional grants for 2011–12.
17 The saving was announced as single deduction but has now been deducted from core funds and other lines of funding, pro-rata.
18 The University’s position in the Contract Range/Tolerance Band (–5% to +7.7%) is +5.7% (up from +4.7% in 2010–11); the calculation excludes Targeted Allocations.
HEFCE RESEARCH FUNDING

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Mainstream QR</td>
<td>78,697,712</td>
<td>78,697,712</td>
<td>78,298,683</td>
<td>(399,029)</td>
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<tr>
<td>Charity support funding</td>
<td>19,172,303</td>
<td>19,172,303</td>
<td>19,435,274</td>
<td>0.51%</td>
</tr>
<tr>
<td>Business research funding</td>
<td>4,922,103</td>
<td>4,922,103</td>
<td>4,722,400</td>
<td>0.51%</td>
</tr>
<tr>
<td>Sub-total</td>
<td>24,094,406</td>
<td>24,094,406</td>
<td>24,157,674</td>
<td>0.26%</td>
</tr>
<tr>
<td>Research Degree Programme (RDP) Supervision Funds</td>
<td>13,085,028</td>
<td>13,085,028</td>
<td>12,958,752</td>
<td>0.26%</td>
</tr>
<tr>
<td>Mainstream funding</td>
<td>115,877,146</td>
<td>115,877,146</td>
<td>115,415,109</td>
<td>(462,037)</td>
</tr>
<tr>
<td>QR funding for National Research Libraries</td>
<td>1,965,785</td>
<td>1,965,785</td>
<td>2,129,914</td>
<td>0.26%</td>
</tr>
<tr>
<td>March 2010 grant announcement</td>
<td>117,842,931</td>
<td>117,842,931</td>
<td>117,545,023</td>
<td>(297,908)</td>
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Revenue in research funding (2,028,984)

REVISED TOTAL RESEARCH FUNDS (March 2011)

<table>
<thead>
<tr>
<th></th>
<th>117,842,931</th>
<th>115,813,947</th>
<th>117,545,023</th>
<th>1,731,076</th>
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<tbody>
<tr>
<td>£</td>
<td>176,945,472</td>
<td>173,599,596</td>
<td>(5,345,876)</td>
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<tr>
<td>£%</td>
<td>1,49%</td>
<td>1,013,874</td>
<td>–0.58%</td>
<td></td>
</tr>
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Total Funding for Teaching and Research (March 2010 – March 2011)

<table>
<thead>
<tr>
<th></th>
<th>176,595,818</th>
<th>174,613,470</th>
<th>173,599,596</th>
<th>(1,013,874)</th>
</tr>
</thead>
<tbody>
<tr>
<td>£%</td>
<td>1,49%</td>
<td>1,013,874</td>
<td>–0.58%</td>
<td></td>
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</tbody>
</table>

HEFCE comparison

<table>
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<tr>
<th></th>
<th>174,613,470</th>
<th>173,599,596</th>
<th>(1,013,874)</th>
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<tbody>
<tr>
<td>£%</td>
<td>1,49%</td>
<td>1,013,874</td>
<td>–0.58%</td>
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SPECIAL FUNDING

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<tr>
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<th>2,218,963</th>
<th>2,218,963</th>
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</thead>
<tbody>
<tr>
<td>£%</td>
<td>1,49%</td>
<td>1,013,874</td>
<td>–0.58%</td>
</tr>
</tbody>
</table>

Institute of Zoology

Overseas Research Students Award Scheme (ORSAS)

Museums and galleries

TOTAL SPECIAL FUNDING

<table>
<thead>
<tr>
<th></th>
<th>4,861,821</th>
<th>4,861,821</th>
<th>4,174,963</th>
</tr>
</thead>
<tbody>
<tr>
<td>£%</td>
<td>1,49%</td>
<td>1,013,874</td>
<td>–0.58%</td>
</tr>
</tbody>
</table>

TOTAL HEFCE FUNDING TO THE UNIVERSITY

<table>
<thead>
<tr>
<th></th>
<th>181,457,639</th>
<th>179,475,291</th>
<th>177,774,559</th>
<th>(1,700,732)</th>
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<tbody>
<tr>
<td>£%</td>
<td>1,49%</td>
<td>1,013,874</td>
<td>–0.58%</td>
<td></td>
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</table>

HEIF

<table>
<thead>
<tr>
<th></th>
<th>1,900,000</th>
<th>1,900,000</th>
<th>2,850,000</th>
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</thead>
<tbody>
<tr>
<td>£%</td>
<td>1,49%</td>
<td>1,013,874</td>
<td>+50%</td>
</tr>
</tbody>
</table>

Special Funding

31. The Institute of Zoology is funded through the University as a special arrangement with HEFCE.

32. Funding for museums and galleries, confirmed after a recent review, has been held at the same cash level as in 2010–11.

Capital Funding

33. In circular letter 11/2011 (dated 17 March) HEFCE have announced the reinstatement of £58m Teaching Capital Investment Fund for 2010–11, of which the University’s allocation is £872,206.

34. HEFCE Circular 2011/08 sets out capital allocations for learning and teaching for 2012–13 and the total for research for 2011–12 to 2014–15; funding in and after 2012–13 is indicative and the amounts for 2011–12 have yet to be confirmed. An indication of the possible position is given in this table.

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<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>RCIF</td>
<td>11,370,250</td>
<td>11,370,250</td>
<td>11,370,250</td>
<td>11,370,250</td>
</tr>
<tr>
<td>TCIF</td>
<td>?</td>
<td>621,002</td>
<td>?</td>
<td>?</td>
</tr>
</tbody>
</table>

19 Additional 2009–10 funding resulting from RAS08 HESA reconciliation exercise, announced February 2011.

20 Funding has increased following a further review.

21 From 1 January 2001 the funding for the Institute of Zoology has been channelled through the University.

22 Allocation for 2011–12 is provisional.
Outlook

35. The annex to the University’s grant letter outlines HEFCE’s view of future changes, as follows:

Funding and student numbers for 2012–13 and beyond

71. In future, we expect that tuition fee income will become the major source of funding and therefore the route for supporting particular institutional developments. As a result, the funding environment for higher education from 2012–13 will be very different and all our approaches to funding will be subject to review. Institutions should not assume that past practices and commitments in relation to recurrent teaching funding, teaching capital and special funding will continue.

72. We anticipate that the Government’s forthcoming White Paper will set out its future priorities for HEFCE grant and any changes to the regulatory framework governing higher education that may be necessary to support its policies, ensure public finances are appropriately managed and protect the interests of students. Our grant letter stated that for 2011–12 and 2012–13 the Government expects the Council will continue to perform its current role on its existing statutory basis. A significant priority for us within the funding we have available in this spending review period will be to ensure a smooth transition for institutions to the new higher education financing arrangements. We will be working with partners, including BIS and the Student Loans Company, to achieve this, because less funding will be routed to institutions as grants via HEFCE.

73. On teaching funding, we anticipate a phase-out of the existing method and its allocations and a phase-in of a new method and allocations. The details of both will be subject to consultation later this year (after the White Paper has been published). Much of this phasing is likely to reflect the changing proportions of students recruited before and after September 2012: those subject to the existing and new fee regimes respectively. However, changes to some allocations may be phased differently. This phasing-out of the existing funding method also has implications for our approach in 2011–12.

74. In previous years where institutions have held back due to failing to meet targets for growth or contract range we have consolidated the reduction to grant into the following year’s grant and provided an opportunity for this funding to be recovered. The recovery of funding is generally dependent on additional recruitment in the following year. For institutions that face holdback in 2011–12 opportunities to recover funding in 2012–13 may need to be through tuition fee income rather than HEFCE grant. The availability of funding for that new cohort of students should depend on the new funding regime, not continuation of the old one. We will aim to clarify our approach in the funding agreements to be issued in July.

75. The small number of ASNs originally agreed for 2012–13 through earlier bidding exercises may similarly need to be supported through tuition fee income, rather than HEFCE grant – many may relate to subject areas that we will no longer fund for new students.

76. Our grant letter from BIS does not state what measures might be required from 2012–13 to reduce the risk that student support costs exceed the Government’s planned budgets. (We anticipate that more information on this will be provided in the forthcoming higher education White Paper.) In the meantime, institutions should assume that there will be no advantage to be gained in 2012–13 onwards from over-recruiting in 2011–12. The BIS grant letter also states that, as a provisional planning assumption, universities and colleges should work on the basis that 10,000 entrant places for 2011–12 are temporary and will not be repeated in 2012–13.

77. On recurrent research funding, the BIS grant letter of 20 December 2010 provided guidance on research funding priorities; in particular, it stated ‘You should take forward funding both for research and for support for the next generation of researchers, by selectively funding on the basis of only internationally excellent research’. We have noted this advice and the clear implication that, by 2012–13, activity rated at 2* should no longer be counted in allocating mainstream QR grant. We will be consulting institutions later this year on the development of our research funding method, with particular reference to our support for the next generation of researchers.

List of abbreviations

ADC Amateur Dramatic Club
ASNs Additional Student Numbers
BIS Department for Business, Innovation and Skills
CARET Centre for Applied Research in Educational Technologies
CIF Capital Infrastructure Funds
CPS Cambridge University Assistants Contributory Pension Scheme
CPSL Cambridge Programme for Sustainability Leadership
CRASSH Centre for Research in the Arts, Social Sciences, and Humanities
CUEF Cambridge University Endowment Fund
DRC Disability Resource Centre
ELQ Equivalent or Lower Qualification
EU European Union
FTE Full-time equivalent
HE Higher Education
HE-BCI Higher Education Business and Community Interaction
HEFCE Higher Education Funding Council for England
HEIF Higher Education Innovation Fund
HESA Higher Education Statistics Agency
HESES Higher Education Students Early Statistics
ICE Institute of Continuing Education
INSET In-service Education and Training
MISD Management Information Services Division
MIT Massachusetts Institute of Technology
OFFA Office for Fair Access
ORSAS Overseas Research Students Awards Scheme
PE Physical Education
PRC Planning and Resources Committee
PGR Postgraduate research students
QR Quality-related research
Second Report of the Council on undergraduate UK/EU fees, funding, and student finance

The COUNCIL begs leave to report to the University as follows:

Introduction

1. In its Report on this topic published on 28 April 2011 (Reporter, 2010–11, p. 698), the Council gave its preliminary views on the Graces received by the Registrary for submission to the Regent House published in the Reporter of 9 March and of 16 March (Reporter, 2010–11, pp. 589–91 and 614–15). As it indicated in that first Report, the Council has now sought the advice of the members of the Finance Committee and of the General Board on those Graces that would involve additional expenditure from University funds additional to that already authorized, as required by Statute A, VIII, 9(a), and has also asked the Undergraduate Admissions Committee for its advice on the Grace that would set a higher internal target for the percentage of state school students admitted to the University than has been included in the University’s submission to the Office for Fair Access (OFFA) as approved by the Council. The Council has also benefited from consultation with representatives of those who promoted or signed the Graces. It is grateful for the contributions made to its consideration of these matters by those representatives, as it is for the remarks made in the Discussion on 17 May on its Report of 28 April. As far as possible, the Council has tried to find a consensual way forward on the Graces. Where it differs from those who have promoted them, it nonetheless recognizes the strength of feeling that generated the Graces during the recent debate in the University about the setting of fees, the aspirations that the Council shares for ensuring that Cambridge admits the best students regardless of their background, and the need for appropriate financial support for students in the future. It hopes that the process that it has undertaken to consult widely over these important matters can be a template for determining future matters of controversy within the University.

Authorization of the Submission of the Graces Received

2. The Council has resolved to authorize the submission of the Graces received by the Registrary to the Regent House (in accordance with Statute A, VIII, 9(a)) and to call for a ballot on a timetable that could be completed on 27 June 2011, the Monday after the last day of Term. It has grouped the Graces into three categories at the end of this Report to assist in referring to them and has labelled them A–G. It is also promoting a Grace of its own (Grace H) as an alternative to Grace G. This Report provides the advice received by the Council on the Graces from the bodies it has consulted; provides a preliminary response to the remarks made in the Discussion of 17 May; indicates whether it supports the Graces it has authorized for submission; explains why it is promoting Grace H as an alternative to Grace G; and sets out the timetable for the ballot.

Advice Received by the Council

3. The General Board commented as follows on the Graces:

“The Board noted that the Graces fell into 3 groups, concerning: (i) expenditure on maintenance bursaries, fee waivers, and widening participation; (ii) the authority for determining the level of University Composition Fee for Home and EU undergraduates and for determining the balance of expenditure between maintenance bursaries, fee waivers, and widening participation; and (iii) the internal target for the percentage of UK undergraduates admitted from the state sector. In connection with the first group of Graces, the Board noted that these would entail additional expenditure which would imply the University incurring growing annual deficits requiring compensating reduction in expenditure elsewhere, which would adversely affect the student experience. They also noted that spending priorities were a matter for the planning round and, ultimately, the Allocations Report. In response to the second group of Graces, the Board noted that as well as being
cumbersome in terms of governance, the proposed procedure would not provide a stable, reliable basis either for managing the University’s internal financial planning, or for advising prospective students about the financial support available to them. In relation to the third category, the Board agreed that it would be unwise, as well as confusing and reputationally risky, to depart from the advice of the expert bodies consulted in arriving at the Council’s current proposal. Finally, the Board noted that the University needed to preserve the flexibility to be able to respond to the consequences of the new funding regime.

In agreeing that their comments should be reported to the Council, the Board expressed the hope that the Council would be able to reach a consensual way forward in discussion with those who had initiated certain of the Graces.”

4. The Finance Committee restricted itself to expressing a view on those Graces that would require additional expenditure. It has come to similar conclusions as the General Board in this regard, particularly in the context of the University budget for Chest allocations for the period 2011 to 2016 that it recommended to the Council but which results in a £36m cumulative deficit on the Chest by 2016. The Committee remains concerned about the uncertain financial climate in which the University is currently operating.

5. The Council has also recommended the budget to the Regent House (p. 764), which includes the assumptions on expenditure on bursaries and outreach as submitted to OFFA. It takes a similar view to the Finance Committee’s and the General Board’s of the consequences for reducing expenditure elsewhere if more were to be allocated now for bursaries. Furthermore, it supports the General Board’s view that there is a detailed process, conducted under the aegis of the Planning and Resources Committee, for determining spending priorities which results in a comprehensive University budget.

6. With respect to Grace E, the Undergraduate Admissions Committee has advised the Council that:

“it was unanimously opposed to this Grace for the following reasons:

(i) It undermines the rationale based on evidence of examination performance for the 61–63% admissions target that forms part of the University’s Access agreement;
(ii) Any such ‘internal’ target would inevitably become open to external scrutiny and would make the OFFA target appear duplicitous;
(iii) The 61–63% target was set after extensive consultation with Colleges who are responsible for Cambridge undergraduate admissions. The unanimous view of the Admissions Forum was that a higher target could be achieved only by operation of an admissions quota system which was regarded as both undesirable and unlawful.”

The Council notes that this advice is similar in content and based on the same evidence that led the Council to its original conclusion about the target for the percentage of state school admissions to the University. The Council sees no reason for altering its view on this matter.

Response to Remarks made in Discussion

7. In response to remarks made at the Discussion of the Council’s First Report on 17 May the Council has noted Dr Burchell’s comments on the 61–63% admissions target of state students in the Access Agreement and the need for a strategy to achieve this. It is aware that the Colleges, through the Senior Tutors’ Committee and the Colleges’ Committee, are currently working on a clear strategy to deliver this target. The Council will consider the remarks further in the light of the Discussion of this Report which will be held on 24 May.

The Council’s Advice on Graces A – H

8. The Council does not support Graces A and B for the financial reasons it has already expressed earlier in this Report and which are supported by the General Board and the Finance Committee. It also does not support Graces C and D, while noting that in most respects the intentions of Grace D with regard to uplifting payments made to students by inflation and applying analogous eligibility criteria as the current Cambridge Bursary Scheme have now been met in the design of the new scheme. It notes that Graces A and B were submitted before the Council had taken its decisions on 14 March (and which were the subject of a Notice published on 16 March (Reporter, 2010–11, p. 611)) about the contents of the University’s Access Agreement to be submitted to OFFA and have been overtaken by subsequent events. The OFFA agreement required the University to specify minimum expenditure on various components (the subject of Grace C); and after consultation with the Admissions Forum and others it was agreed that there should be ‘student choice’ over whether the payment made to qualifying students would be a maintenance bursary or a fee waiver. This choice is inconsistent with Grace C (and Grace D). Furthermore the shape of bursary arrangements from 2013 onward may need to change in the light of the National Scholarship Programme and as other student support arrangements evolve so that Grace D is unhelpfully prescriptive. For all these reasons the Council recommends a non placet vote on Graces A, B, C, and D.


10. The Council has benefited from a very helpful discussion that took place with representatives of the promoters of Graces F and G. Grace F’s intention is to leave the current relevant University legislation in place (Regulation 12 of the Regulations on University Composition Fees, Statutes and Ordinances, p. 160) but to authorize that it be disregarded for the setting of the fees to be charged to UK and EU undergraduates for the academic year 2012/13. The Grace requires that the setting of the fees would be determined “following a Report from the Council explaining in detail the financial case for the level of fees it believes appropriate.” As the Council stated in its first Report of 28 April 2011, it believes that it provided substantial financial information to support the case for setting fees of £9,000 with effect from 1 September 2012. Grace 1 of 23 February 2011 (“That approval be given to the Council’s intention to propose an access agreement to the Director of Fair Access to Higher Education, for his approval, pursuant to Regulation 12 for University Composition Fees”) was approved in a ballot by 1,387 votes to 416. This provided the authority to set fees of £9,000 and the
Council sees no reason for re-opening this question. It therefore does not support Grace F.

11. Grace G proposes an amendment to Regulation 12. The Council also believes that there would be an advantage in amending Regulation 12 to place the setting of the fees for UK and EU undergraduates on equal terms with the setting of all other fees in the University annually by Grace and therefore wishes to promote its own Grace, Grace H. It believes that an amended regulation should require the General Board and the Council, after consultation with the Colleges, to issue a financial analysis of the costs of an undergraduate education in Cambridge with the annual recommendation for the fees to be charged. Grace H also preserves, in its provisions (iii) and (iv), the current substance of provisions (i) and (ii) of Regulation 12. It also restricts the amount of fees to be charged in provision (i) to whatever limit may be set by law. This provision is no longer explicitly linked to the relevant provisions of the Higher Education Act 2004 in order to provide a more enduring context for this regulation.

The Council believes that Grace H in this form captures the spirit and intention of Grace G but would remove the requirement that this be done with effect from “1 August 2012” (since the fees for 2012/13 have already been set by Grace). The Council promotes Grace H as its preferred alternative to Grace G and therefore recommends voting non placet to Grace G and placet to Grace H.

The Timetable for the Ballot

12. The proposed timetable for conducting the Ballot on Graces A–H is as follows:

- **Tuesday 24 May** Discussion
- **Thursday 26 May** Notice of Ballot on all Graces or
- **Thursday 2 June** Response to Discussion (if necessary) and Notice of Ballot on all Graces
- **Friday 3 June or**
- **Friday 10 June** Deadline for flysheets (8 days after Notice appears)
- **Friday 17 June or**
- **Friday 24 June** Ballot papers distributed
- **Monday 27 June or**
- **Monday 4 July** Last date for return of Ballot papers

The Council notes that this timetable does not provide an allowance for extension if amendments to the Graces are received. In that case, the Ballot will be held over to the Michaelmas Term.

Graces to be submitted

(i) Graces A–D (Preserving Bursaries and Widening Participation)

**Grace A**

That, subject to an access agreement being agreed between the University and the Director of Fair Access to Higher Education, the total expenditure per annum on maintenance bursaries, fee waivers and Widening Participation activity be set at a minimum of £14m, instead of the “approximately £10m” figure proposed in the Notice of 23 February 2011.

**Grace B**

That, in the event that Grace [A] is not approved, subject to an access agreement being agreed between the University and the Director of Fair Access to Higher Education, the total expenditure per annum on maintenance bursaries, fee waivers, and Widening Participation activity be set at a minimum of £12m, instead of the “approximately £10m” figure proposed in the Notice of 23 February 2011.

**Grace C**

That, within the total resource limit set for expenditure per annum under the new (2012 intake onwards) fee regime on maintenance bursaries, fee waivers, and Widening Participation activity, the final balance struck between the funding of these three elements be subject to approval by Grace.

**Grace D**

That, notwithstanding any access agreement proposed to, or approved by, the Director of Fair Access to Higher Education, from the 2012/13 academic year onward, the University will ensure that maintenance bursaries of at least the present levels, suitably adjusted for inflation, and with analogous eligibility criteria as those used at present, continue to be provided.

(ii) Grace E (Proportion of UK undergraduates to be admitted from state schools or colleges)

**Grace E**

That, irrespective of any benchmark set as part of an access agreement with the Director of Fair Access to Higher Education within the “achievable” 61–63% range proposed in the Council’s Notice of 23 February 2011, the University sets internally a higher figure for the proportion of UK undergraduates it aspires to be able to admit from state schools or colleges, subject to an annual Report to the Regent House upon progress towards this.
(iii) Graces F, G, and H (Graces to improve fee arrangements for 2012/13)

Grace F
That, notwithstanding Regulation 12 for University Composition Fees (Statutes and Ordinances, 2010, p. 160) or any access agreement proposed to, or approved by, the Director of Fair Access to Higher Education, the actual rate of University Composition Fees charged to Home and EU undergraduates beginning courses in the 2012/13 academic year will be determined by Grace following a Report of the Council explaining in detail the financial case for the level of fees it believes appropriate, making clear its assumptions and providing all relevant data (including the data on which any graphs are based).

Grace G
That the main body of Regulation 12 for University Composition Fees (Statutes and Ordinances, 2010, p. 160) be amended to read:

“With effect from 1 August 2012, the rate of University Composition Fees charged to home and EU undergraduate students beginning courses on or after that date, shall be the amount determined by Grace following a Report from Council recommending an amount consistent with Part 3 of the Higher Education Act 2004 and giving detailed calculations demonstrating the necessity of charging at least that amount; failing which, or if the amount determined does not meet with the approval of the Director of Fair Access to Higher Education, the basic amount determined under the Act; provided that ”

with Regulations 12(i) and 12(ii) remaining unchanged.

Grace H
That, if Grace G is not approved, the wording of Regulation 12 of the Regulations on University Composition Fees (Statutes and Ordinances, 2010, p. 160) be deleted and replaced by the following wording:

“The University Composition Fees charged to Home and EU undergraduate students shall be subject to approval by Grace of the Regent House. These fees shall be subject to the following conditions:

(i) the recommendation for the fees to be charged shall be accompanied by an analysis of the costs of an undergraduate education agreed by the General Board and the Council following consultation with the Colleges;

(ii) the fees to be charged shall not exceed any limit prescribed by law;

(iii) for such students who are undertaking a required period abroad the rate shall be half the full amount charged under this regulation or such other amount as may be determined by the Secretary of State for this category; and

(iv) for such students beginning courses on or after 1 August 2009 which lead to a qualification (other than courses in Medical and Veterinary Sciences leading to the B.A. Degree or courses in Architecture or for the Postgraduate Certificate in Education) which is equivalent to, or at a lower level than, a qualification they possessed when they began their course (ELQ students) the rate shall be the fee determined by the University for ELQ students.”

17 May 2011
L. K. Borysiewicz, Vice-Chancellor
David Abulafia
Anthony Andrews
N. Bampos
Richard Barnes
D. J. A. Casserley
Stephen J. Cowley
M. J. Daunton
R. J. Dowling
I. M. Le M. du Quesnay
Nick Gay
David Good
Andy Hopper
Christopher Hum
F. P. Kelly
R. Lethbridge
Mavis McDonald
Rachael Padman
Second Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, Lent Term 2011

INTRODUCTION TO THE SCIENTIFIC BASIS OF MEDICINE

LIST OF SUCCESSFUL CANDIDATES

Agarwal, V. DOW Cope, R. M. A. SID Hicks, O. EM
Ahmed, N. DOW Corr, D. P. JE Ho, G. N. R
Aldridge, R. F Cox, C. LC Hobbs, S. L. SE
Al-Mugheiry, T. S. ED Cox, E. L. T Hocking, K. C. CTH
Ames, W. B. DOW Crewdon, J. A. CAI Hodgson, J. M. CHU
Ang, Q. Y. NH Curry, T. CL Houston, H. Q
Asad, M. N D’Arcy, V. EM Huang, J. LC
Ashcroft, S. J. M Darlison, R. C. CL Hudson-Peacock, N. J. CHR
Assadullah, S. R Dasgupta, D. Q Hughes, S. B. CHR
Austin, J. R. CL Davies, S. J. N Hussain, S. JE
Bacon, M. G Davies, D. L. N Ilies, L. LC
Baker, J. E. SE Davis, H. CAI Ingham, C. M. G
Barber, C. G. DOW Dean, J. CHU Ioannidis, S. ED
Bateman, L. E. CHU Demetriou, C. JE James, F. R. JE
Bayri, M. H. T Denneyh, N. E. CC Johnston, D. I. Q
Beh, J. R.-C. G De Souza, R. F Johnston, D. N. CL
Bell Webb, C. CTH Dixon, C. M. F Johnstone, J. F. F
Benjamin, M. G Dodd, A. CTH Jones, C. CAI
Bentley, L. H. ED Donovan, K. CTH
Bernstein, B. S. CAI Doyle, C. F
Biddle, K. CL D’Sa, L. L. J. N
Black, L. A. NH Duff, F. A. T
Blackaby, J. C. TH Duncumb, J. W.
Blackman, C. L. CC Dunn, A. C.
Blackstock, A. Q Edwards, P.
Bolger, A. A. JE Ellwood, R. E.
Bostock, S. CAI Emmerich, M.
Brain, L. A. Q Erskine, R. N.
Brewater, O. K Eshtiaghi, M.
Burke, O. C. JE Estrin-Serlui, T. N.
Burnside, D. R Evans, E. S.
Buss, L. CC Everden, A. J. T.
Cairns, N. LC Farrell, M.
Callan, R. G Fieldman, T. G. M.
Cardus, C. S. W.-X. EM Finnerty, J. M.
Carter, M. A. DOW Fox, H. E.
Case, S. J. CTH Gafton, J. J. T.
Chang, L. T Gallop, L. L.
Chase, T. J. G. CHU Galloway, P. A. G.
Chater, G. K Geh, T. J. Y. S.
Chaudhry, F. I. JN Ghareeb, A.
Chaudhry, M. S. EM Gibbs, A.
Chen, C. CAI Govinda Krishnan, P.
Chen, J. L. JE Gregory, R. K. M.
Chetan, M. R. JE Griffiths, J.
Chi, H.-P. K Grignon, A.-L.
Chin Hui Men, S. EM Grundy, N.
Chong, P. K. M. DOW Guruparan, T.
Christodoulou, A. CAI Habib Bedwani, N. A. R.
Christy, J. C. CTH Hague, M.
Christy, M. F Hammond, R. W.
Chuang, X. E. TH Handunnetthi, L.
Clayson, O. NH Harries, K. V.
Clingan, R. E. JN Harries, P. A.
Cole, J. EM Harris, Y.
Collas, O. J. TH Hassuji, Z. A.
Collins, J. M. DOW Haste, J. M.
Cook, M. L. JN Hawkins, M. G.
Cook, S. M. W Hayden, L.

CAMBRIDGE UNIVERSITY REPORTER 789
Examiners

K.-T. Khaw  P. Elliott  M. A. Holmes  C. R. Palmer

3 May 2011

SOCIAL CONTEXT OF HEALTH AND ILLNESS

LIST OF SUCCESSFUL CANDIDATES

Agarwal, V.  DOW  Blackaby, J. C.  TH  Chetan, M. R.  JE
Ahmed, N.  DOW  Blackman, C. L.  CC  Chi, H.-P.  LC
Aldridge, R.  F  Blackstock, A.  Q  Chin Hui Men, S.  EM
Al-Mugheiry, T. S.  ED  Bolger, A. A.  JE  Christodoulou, A.  CAI
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Bentley, L. H.  ED  Chaudhry, F. I.  JN  Curry, T.  CL
Bernstein, B. S.  CAI  Chaudhry, M. S.  EM  D’Arcy, V.  EM
Biddle, K.  CL  Chen, C.  CAI  Darlison, R. C.  CL
Black, L. A.  NH  Chen, J. L.  JE  Dasgupta, D.  Q

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K.-T. Khaw  P. Elliott  M. A. Holmes  C. R. Palmer

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Black, L. A.  NH  Chen, J. L.  JE  Dasgupta, D.  Q
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<td>Gibbs, A.</td>
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<td>May-Miller, R.</td>
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<td>Habib Bedwani, N. A. R.</td>
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</table>

**CAMBRIDGE UNIVERSITY REPORTER**

19 May 2011

**791**
### Second Veterinary M.B. Examination, Lent Term, 2011

#### FarM aNiMal husbaNdry

**LIST OF SUCCESSFUL CANDIDATES**

<table>
<thead>
<tr>
<th>Achoukhi, M.</th>
<th>NH</th>
<th>Fforde-Lutter, H.</th>
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<td>Alexander, J.</td>
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<td>Farmer, H. J.</td>
<td>JN</td>
<td>More, S. G.</td>
</tr>
<tr>
<td>Fellows, V. A.</td>
<td>SID</td>
<td>Myerscough, E. E.</td>
</tr>
</tbody>
</table>

**Examiners**

G. P. Pearce  J. Gibson  M. Kennedy

11 April 2011

### INTRODUCTION TO THE SCIENTIFIC BASIS OF MEDICINE

**LIST OF SUCCESSFUL CANDIDATES**

<table>
<thead>
<tr>
<th>Achoukhi, M.</th>
<th>NH</th>
<th>Drage, O. T.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allso, C. E.</td>
<td>JN</td>
<td>Eastwood, B.</td>
</tr>
<tr>
<td>Apted, L.</td>
<td>ED</td>
<td>Edmunds, F.</td>
</tr>
<tr>
<td>Bajaj, A. K. S. S.</td>
<td>NH</td>
<td>Farmer, H. J.</td>
</tr>
<tr>
<td>Berry, J.</td>
<td>W</td>
<td>Fellows, V. A.</td>
</tr>
<tr>
<td>Bevan, E. L.</td>
<td>EM</td>
<td>Fryer, K. M.</td>
</tr>
<tr>
<td>Boardman, J.</td>
<td>G</td>
<td>Gardiner, P. F.</td>
</tr>
<tr>
<td>Bouston, K. L.</td>
<td>ED</td>
<td>Goodwin, M.</td>
</tr>
<tr>
<td>Bowles, R. A.</td>
<td>Q</td>
<td>Gunaratne, R. M.</td>
</tr>
<tr>
<td>Burd, L.</td>
<td>G</td>
<td>Hall, H.</td>
</tr>
<tr>
<td>Campion, E. R. A.</td>
<td>N</td>
<td>Harberd, H.</td>
</tr>
<tr>
<td>Cole, V. S.</td>
<td>NH</td>
<td>Hazell, M. E.</td>
</tr>
<tr>
<td>Cox, S. E. M.</td>
<td>Q</td>
<td>Hazell, M. E.</td>
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<td>Cozens, H. L. G.</td>
<td>JN</td>
<td>Henderson, J.</td>
</tr>
<tr>
<td>Cummings, I.</td>
<td>LC</td>
<td>Higgin, J.</td>
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<tr>
<td>Daniell, E. M. W.</td>
<td>JE</td>
<td>Jagger, K. E.</td>
</tr>
<tr>
<td>Davies, H. V. A.</td>
<td>SE</td>
<td>Lane, J. C.</td>
</tr>
<tr>
<td>Davies, O. C.</td>
<td>F</td>
<td>Ledger, C. E.</td>
</tr>
<tr>
<td>Doster, L. R.</td>
<td>EM</td>
<td>McKnight, G. E.</td>
</tr>
</tbody>
</table>

**Examiners**

S. R. Cohn  M. Clinch  S. P. Wainwright

12 April 2011
PREPARING FOR THE VETERINARY PROFESSION

LIST OF SUCCESSFUL CANDIDATES

Bertrand, K.  SID  Goodhead, J. W.  EM  Mathie, H. K.  SE
Biggs, C. F. M.  Q  Gray, K.  SID  Moore, A. P.  N
Bleakley, J. M.  CTH  Gregory, H. A.  M  Moore, T.  Q
Blyth, E. N.  SE  Guest, E. M.  G  Parsons, J.  EM
Boyd, R. E.  CL  Harries, J. S.  NH  Powell, R.  F
Brady, E.  CTH  Hawes, K. M.  F  Riddell, A. H.  N
Brandreth, R.  M  Heard, R.  F  Riddell, D. O.  NH
Burnand, D.  JE  Heddle, E. C.  TH  Ross, I. F. W.  PEM
Chadbourn, S. E.  CL  Hill, Z. M.  ED  Shankar, S.  ED
Chadwick, S. L.  M  Howard, R. H. G.  G  Shanklin, A. J.  DOW
Chase, H. C.  NH  Hughes, S. L.  ED  Sharman, C. J.  R
Crowther, S. A.  DOW  Jennis, S.  NH  Simpson, B.  G
Cubbage, L.  LC  Kerr, E.  SE  Smith, C. M.  EM
Davies, S. D.  JN  Kokutri, R.  NH  Steele, G. J.  Q
Denyer, A. L.  EM  Lagatieria-Wellington,  JN  Stockdale, J. D.  R
Dillon, H.  CTH  M. L. R.  Stout, E. V.  JN
Findlay, J. A.  R  Leeper, J. E.  NH  Thorpe, C.  G
Foreman, M. H.  EM  Lindsay, V.  PEM  Townsend, E. L.  LC
Frank, G. R.  CL  Longson, G. E.  JE  Walters, K. L.  N
Fullick, T. A. C.  ED  Lowe, J.  G  White, A. D.  CHU
Gill, B.  PEM  McLeod, L. H.  CTH  White, J.  CHU
Gist, K.  TH  Macmillan, R.  LC  Wigham, E. E.  SE

Examiners

J. Slater  J. C. Brearley

13 April 2011

Approved for degrees, diplomas, and certificates

The Board of Graduate Studies have approved the following persons for the award of degrees and a certificate. In the case of degrees where dissertations are required to be deposited in the University Library, the title of the dissertation is shown after the name of the person by whom it was submitted.

Doctor of Letters
Blackburn, M. A. S., M.A., Ph.D., CAI

Doctor of Philosophy
(under the regulations for the Ph.D., M.Sc., and M.Litt. Degrees)
Alam, I. S., EM. Imaging tumour cell death using the C2A domain of Synaptotagmin-I
Alemdaroğlu, A., JN. Knowing your place: inequalities, subjectivities and youth in Ankara, Turkey
Beazley, K. R., DAR. Oustee powerlessness, pragmatism, and potential: conservation-induced displacement in central India
Faith, A. K. I., DAR. The role of self-monitoring in increasing physical activity
Gasić, M., TH. Statistical dialogue modelling
Goh, Y. S., N. Antibody-mediated protection against Salmonella infections
Hamid, S., M. Investigation of chromatin mechanisms of tissue-specific and developmentally regulated imprinting of Gsα
Karton, J. D. H., PEM. The culture of international arbitration and the evolution of contract law
Koegl, C., CLH. High-risk antisocial children: predicting future criminal and health outcomes
Koh, C. Y. E., DOW. Managing change propagation in the development of complex products
Langum, V., E., M. Discretion in late medieval England
Li, Q., M. AC loss characteristics of monolayer and multilayer superconducting power transmission cables
Littlefield, L., SE. The political thought of Catharine Macaulay
Liu, C.-W., F. Essays on luck, counterfactual thinking, and entrepreneurial cognition
Liu, L., ED. Disturbance analysis of the self-boring pressuremeter tests
Loxam, J. R., JE. Robust filtering for real-time visual tracking
Muir Wood, A. P., JE. The nature of change in product design: integrating aesthetic and technological perspectives
Pennington, J. D., W. Intramitochondrial function of SIRT3
Preston, M. A., JE. Exploiting differential protein stability of a toxin/antitoxin pair for the selective killing of cervical cancer cells
Rainsford, T. M., JN. The emergence of group stress in medieval French
Ramsundar, P. S., W. Wire feed metal deposition
Roman, A. B., G. Scalable cross-layer wireless medium access control
Saksonovs, S., DAR. Essays in international macroeconomics
Srinivasan, J. R., JE. Improving cache utilisation
Wasapinyokul, K., DAR. Effects of illumination on the properties of organic field-effect transistors
Yan, Y., W. Thermally actuated magnetisation flux pump system for high temperature superconducting bulks
Zhang, T., W. High power disk laser cutting

Master of Philosophy
EXAMINATION IN BIOLOGICAL ANTHROPOLOGICAL SCIENCE
Innocent, S. H. S., CLH

EXAMINATION IN ENGINEERING
Basarir, M. N., SE

EXAMINATION IN LAND ECONOMY
Johnston, J. A. R., DOW

Certificate of Postgraduate Study in Engineering
The Board of Graduate Studies, on the recommendation of the Degree Committee for the Faculty of Engineering, have awarded a Certificate of Postgraduate Study in Engineering to the following:
Kokkoris, D., EM

Act for the degree of Doctor of Medicine
We hereby certify that the following has kept the Act for the degree of Doctor of Medicine:
21 April 2011
T. M. Cox, Chairman of the M.D. Committee
J. T. Fitzsimons, Acting Assessor to the Regius Professor of Physic

OBITUARIES

Obituary Notice
Lucy Anna Capewell, Administrative Officer (Commissioning Editor and New Media Co-ordinator) in the Office of External Affairs and Communications, died on 27 April 2011, aged 48 years.

GRACES

Graces submitted to the Regent House on 19 May 2011
The Council submits the following Graces to the Regent House. These Graces, unless they are withdrawn or a ballot is requested in accordance with the regulations for Graces of the Regent House (Statutes and Ordinances, p. 107), will be deemed to have been approved at 4 p.m. on Friday, 27 May 2011.


**ACTA**

**Approval of a Grace submitted to the Senate on 28 April 2011**

The Grace submitted to the Senate on 28 April 2011 (Reporter, 2010–11, p. 719) was approved at 4 p.m. on Friday, 6 May 2011.

**Sealing**

12 May 2011

Under the authority of Grace 2 of 28 April 2011, the Common Seal of the University was affixed in the presence of L. Harney, on behalf of the Pro-Vice-Chancellor (Planning and Resources), and S. Bowring, on behalf of the Registrary, to an Amending Statute containing amendments of Statute A, VII, 3.

**Congregation of the Regent House on 14 May 2011**

A Congregation of the Regent House was held at 2 p.m. All the Graces that were submitted to the Regent House (p. 747) were approved.

The following medal was presented:

*Sir William Browne Medal for a Latin Epigram:*

Deborah Anne Fisher of New Hall

The following degrees were conferred:

\[
\begin{align*}
\text{in person} & \\
\text{Doctor of Law} & \\
\text{TRINITY COLLEGE} & \\
\text{Lauterpacht, Elihu} & \\
\text{Doctor of Medicine} & \\
\text{ROBINSON COLLEGE} & \\
\text{McNamara, Iain Robert} & \\
\text{Doctor of Science} & \\
\text{CHURCHILL COLLEGE} & \\
\text{Leader-Williams, Nigel} & \\
\text{Doctor of Science} & \\
\text{CLARE COLLEGE} & \\
\text{Parker, Andrew John} & \\
\text{Doctor of Letters} & \\
\text{GONVILLE AND CAIUS COLLEGE} & \\
\text{Blackburn, Mark Alistair Sinclair} & 
\end{align*}
\]
KING’S COLLEGE

in person

Doctor of Philosophy
Coble, Aaron Richard
Kuo, Kirsty Alison
Kuo, Matthew Yih-Han
McEwen, Kirsten Rose

Master of Philosophy
Winkler, Robin Maximilian

Master of Advanced Study
Allen, Gabrielle Dawn
Haubrock, Jan-Wilhelm

Master of Business Administration
Cassidy, Conor

in absence

Master of Arts
[Grace 3 of 14 May 2011]
Mestel, Benjamin David
Deputy Director of the Isaac Newton Institute for Mathematical Sciences and Fellow of King’s College

Master of Advanced Study
Nagle, Steven Philip

TRINITY COLLEGE

in person

Doctor of Philosophy
Gomersall, William Henry
Howarth, Simon Peter Satterly
Jung, Chan Do
Tompsett, David Anthony

Master of Arts
Abdullah, Mohammad
Shahnavaz
Adhami, Sophia Edna
Agathos, Kallirroe Irene
Agbo, Phyllis
Andrews, Thomas James
Artamonova, Julia
Barker, Charlotte Ida Sophia
Belcher, Rachel Louise
Bennett, Natasha Audrey May
Berkin, Louise Margaret Jane
Bhula, Farhana
Birley, Kathleen Julia
Booker, Harriet Claire
Boyle, Lars
Bradley, Joanna Vernon
Caloehrists, Jolie Io Fotini
Chan, Christopher Kwong Yiu
Cheung, Albert Wan-Yin
Coope, Giles
Cox, Siobhan Louise
Cui, Peter Zifan
Cunningham, Sarah Louise
Daude, Damilola Aaramide
Dean, William James
Doran, Catherine Mary
Drywood, Rosalind Aeron
Dudill, Rebecca Jane
Eagle, Christopher Marshall
Fidler, David Robert
Firth, Robin Jocelyn
Forsyth, Jonathan David
Garrett, Nikhil James Ian
Gwilliam, Rebecca Jean
Hadziabic, Amma
Harris, Harry Lukas Skyler
Henshall, Nicola
Hickey, Sarah Helena
Hindmarch, Rosalyn Louise
Holland, Laura Emily
Howard, James Philip
Hunt, Christopher Feargus
Jackson, David William
Jarvis, Timothy Edward Charles
Jefferys, Paul Edward
Jenkinson, Michael Paul
Jerrum, Simon Mark
Jones, Magnus Conrad Adam
Kassam, Christopher Nicholas
Kumra, Nidhi
Lis, Jonathan Emmanuel
Locke, Richard
Logan, Angus William James
Mclintock, Suzy
Mapara, Samit
Millar, Robert Jamieson
Mynott, Sarah Lucy
Northmore-Ball, Lawrence Henry
Arthur Knowles
O’Mahony, Dominic Alexander
Oyesanya, Funmi
Pancratz, Sebastian Friedrich
Paul, Edward Charles
Perkins, Eleanor Lucy
Pilbeam, Llewellyn Howard
Plastiras, Christodoulos Christis
Porter, Lynsey Kay
Ralston, Helen Elisabeth
Sabherwal, Karaan
Sarin, Anjali
Shanbhag, Liliana Asselle
Shean, Tamaryn Anne Vaughan
Shipley, Nicholas Philip
Sohail, Samira
Spyr, Alita Francesca
Strickland-Constable, Charles
Sugden, Andrew John
Tanner, James Andrew
Taylor, Katherine Emily
Taylor, Katie
Thompson, Alyson Rosemary
Charlotte
Thompson-Clarke, Bryn Edward
To, Ho-Wan
Tregear, Molly Kirsty Gordon
Tudeau Crespo, Johanna
Enriqueta Victoire
Tynan, Christopher
Waters, Joshua
Whyte, Rebecca Mary
Wilkinson, James Richard
Windle, Holly Dawn
Wood, Henry John
Yao, Puzhong
Yarr, Martin
Yogarajah, Amieth Jeevan
Zhang, Samuel Xian Peng

Master of Philosophy
Bhula, Farhana
Hindmarch, Rosalyn Louise
Hou, Jennifer Hsin-I
Swartz, Emmett Drysdale

Master of Mathematics
Abdullah, Mohammad
Shahnavaz
Eagle, Christopher Marshall
Forsyth, Jonathan David
Hadziabic, Amma
Pancratz, Sebastian Friedrich
Waters, Joshua

Master of Advanced Study
Gielen, Steffen Christian Martin

in absence

Doctor of Philosophy
Marvel, Katherine
Master of Arts
Gaunt, Jonathan Richard
Omond, Tamisin Julia Mucha
Reizenstein, Benjamin Theodore

Master of Mathematics
Lei, António
Pitts, Andrew Mawdesley
Wildon, Mark Jonathan

ST JOHN’S COLLEGE
in person
Doctor of Philosophy
Saha Podder, Arijit
whelan, Peter Michael

Master of Arts
Abu-Wardeh, Sami Naim
Anwar, Asaker Irshad
Attwater, James Stuart William
Bates, Laura Carolyn
Bell, Nicholas Robert Innes
Bidder, Patrick Thomas
Bloore, Warwick Christopher
Brewer, Anne-Marie Helen
Brueton, Joanne Lisa
Cameron, Elaine Elizabeth
Carratt, Michael
Chan, Chi Ngai
Chan, Kwan Kit Jason
Chandler, Stephanie Louise
Chindooroy, Meera Rebecca
Choudhry, Obaid Mahmood
Clark, Susannah Alice Mary
Cosgrove, Finbarr Thomas Mayo
Coulthard, Peter Terence
Courtney, Juliet Elizabeth
Crawshaw, Christopher Mark
Curling, Mark Jonathan
Daniel, Megan Elaine
Danon, Deborah Lynn
Dollman, Claire Harriet
Drage, Edmund Philip Stephen
El-Mashad, Ashraf
English, Robert Andrew
Fallon, Daniel Thomas
Fisher, Rebecca Fay Ritchie
Flanagan, Ross Edward
Fleming, Thomas Michael
Flint, Ellen Sara
Gibson, William David Alexander
Gilmore, Zoë Louise
Gordon, Timothy Paul
Green, Caspar Wilfred St John
Griffiths, Michael David
Griffiths, Thomas Paul
Harper, Elizabeth Kate
Hein, Jens
Heywood, Thomas Martin
Hinton, Anthony James
Holroyd, Thomas Arthur
Hough, Christopher James
Hunt, Arabella Katrina
Hunt, Katie Anne
Idaikkadar, Praveena
James, Laura Elizabeth Clover

James, Sarah Linda
John, Gareth Evan Brynmor
Jones, Michael-Luke
Kalamis, George
Kaufeler, Isabelle Judith
Keough, James
Knight, Jonathan Mark Edward
Kuesters, Andrea Susanne
Kumar, Emil Arjun
Lan, Hannah Catherine
Litchfield, Sara Ai-Li
Longman, James Edward
Lovell, Rachel Ann
Lowes, Martin James
Loweth, Duncan Robert
Lumb, Craig Nicholas
McBrien, Dominic Martin
McCarroll, Claire Elizabeth
Maister, Lara
Mariau, Laura Cecile
Marriott, Charlotte Margaret
Grace
Marriott, Thomas James
Matthews, Alexander Graeme de Garis
Mehrer, Lindsey Kathleen
Milnes, Eleanor Louise
Morton, Peter William
Newgas, Adam James Solomon
Ng, Karen Vin-San
O’Grady, Rachel Marie
Perry, Anya Louise
Petit, Robert James
Quinn, Steven Anthony
Radhakrishnan, Gopalan
Reid, Giles Christie
Rickman, Katie Elizabeth
Roberts, Emily Elizabeth
Rogers, Elizabeth Jane
Rogers, Emily Grace
Shah, Sarju Rajnikant
Shotton, David Joshua Eliot
Simpson, Ashley Iain
Sivner, Adam Benjamin
Skidmore, Richard
Stevenson, Hana
Stratford, Hannah Joy
Symes, Charlotte Louise
Mackenzie
Tan, Charlotte Louisa
Turnock, Martin Andrew
Willey, Hannah Rose
Williams, Joyce Anny
Williams, Philip Denis Sean
Willison, Charles Gow
Wilson, Amy Louise
Wong, Felix Chun-Ming
Wright, Geoffrey Peter
Wynne, Benjamin Michael
Zhang, Wei Jia

Master of Business Administration
Upton, Eben Christopher

Bachelor of Medicine
Fisher, Rebecca Fay Ritchie
Idaikkadar, Praveena
Zhang, Wei Jia

in absence
Doctor of Philosophy
Roark, Ryan Leigh

Master of Arts
Boyce, Laurence David
Chapman, Shelley Ann
Cleaver, Christopher John
Clements-Partridge, Aaron Robert
Goldsmith, James Philip
Hann, Agnes Caroline Eva
Morgan, Mark Robert
Rafique, Sidrah
Rock, Philippa Lee
Saklatvala, Kathryn
Tennant, Jennifer Margaret
Kathrine

PETERHOUSE
in person
Doctor of Philosophy
Bailey, Laura Jayne
Bailie, Britt Alexandra
Musselman, Kevin Philip Duncan

Master of Arts
Allen, Sarah Elizabeth
Baker, Gerard Michael Jonathan
Batty, Hannah Rebecca Ka-Yan
Bevan-Jones, William Richard
Bridges, Jonathan James
Cleaver, Thomas James
Cooper, Hazel Megan
Craig, Elaine Mary
Dobbin, Michael Olaf Chetwynd
Durston, Hayley Fiona
Eaton, Matthew David
Ebden, Camille Elizabeth
French, Sky Trillium
Gold, James Alexander
Griffiths, Elin Bethan
Heritage, George Henry Richard
Hopkins, Christopher William
Peter
Jacobs, Mark Stephen
Jennings, Emily Jane
Jutting, Rurik George Caton
Leung, Onky
McKernan, Alis Marie
Malicka, Jennifer
Markwick, Bryony Elisabeth
Misra, Arunima
Moulton, Calum David
Myhill, Robert
Nenadovic, Oliver Gregor
O’Neill, Fionnuala Ruth Clara
Pegler, Samuel Santeri
Powlesland, Paul David
Price, Josephine Rachael Marika
Richardson, Charles Edward
Simpson, Edward Richard
Skelton, Helen Elisabeth
Slater, Nathaniel Evelyn Samuel
Smith, Lisa Anne
Stewart, Lara
Tong, Christopher David
Trasler, Christine Marie
Whalley, Moira Beth Margaret
Whalley, Peter Andrew
Wood, Rowenna Rosemary Ann

Master of Philosophy
Chilarska, Paulina
Darke, Hannah Alexandra
Dunn, Matthew John
Eucker, William
Ghalanos, Michalis

Master of Mathematics
Neale, Daniel Lloyd

in absence

Master of Arts
Brookes, Nicholas Edward
Jordan, Alexandra Elizabeth

Master of Philosophy
Burgess, Jordan

CLARE COLLEGE
in person

Doctor of Philosophy
Ashbridge, Beth
Del Campo, Natalia
Ho, Vincent Hui Boon
Pearson, Benjamin Cann

Master of Arts
Crook, Deborah Caroline

Master of Philosophy
Batzell, Rudi Emmaus
Bejan, Teresa Mia
Chia, Ian Vui En
Micklethwaite, Katie Joanne
Stea, Diego

in absence

Master of Arts
Clay, Catherine Joanne

PEMBROKE COLLEGE
in person

Doctor of Philosophy
Karton, Joshua David Heller
West, Kieran Martin
Xu, Wei

Master of Philosophy
Sabyrov, Alen

Master of Business Administration
Kirdar, Rena Nemir
Petreanu, Andreea
Salama, Michael Howard

in absence

Doctor of Philosophy
Shouler, Daniel Reginald

Master of Arts
Deutz, Martin Peter

Master of Philosophy
Palfrey Jr, John Gorham

GONVILLE AND CAIUS COLLEGE
in person

Doctor of Philosophy
Bangert, Axel
Campbell, Neill Duncan Francis
Kappagantula, Sunil
Middleton, Jonathan Ian

in absence

Master of Philosophy
Elliott, Ursula Attracta
McManus, Jennifer
Perkins, Sarah

CORPUS CHRISTI COLLEGE
in person

Doctor of Philosophy
Blake, Conway Khavadi
Kuo, Yen-Hsi
Louth, Richard James
McGregor, Juliette Elizabeth

Master of Philosophy
Irish, Victoria Emilie
McGarry, John Colin

Master of Mathematics
Griffin, James Thomas

in absence

Handley, Benjamin David
Watson, Robert James

Master of Education
Berthomé Reynolds, Annabelle Marie

QUEENS’ COLLEGE
in person

Doctor of Philosophy
Daly, Paul
Koehl, Andrew Hampton
Li, Peng
Nunes, Sandro Filipe Fernandes
Read, Eliot Keith Curtis
Watkins, Alan James

Master of Arts
Phillips, Michael James
Smith, Eleanor Claire Thornton

Master of Philosophy
Beddow, Alastair
Pitsa, Aikaterini-Kathy
Potekhin, Pavel
Riera Lamela, Maria Antonia
Roche, Emily Clare
Sipos, Edit
Smit, Eva
Welchman, Thomas Jeremy
Beaufort

Master of Business Administration
Zhang, Julie Xiao-Chao

Master of Finance
Sourov, Kroum Raytchev
von Grabowiecki, Karen Patrizia
Ingrid

Master of Education
Tulloch, Rowena Louise

Bachelor of Medicine
Yang, Valerie Shiwen

in absence

Master of Philosophy
Frank, Chloe Strichard
Wang, Youlin

ST CATHARINE’S COLLEGE
in person

Doctor of Philosophy
Antoniades, Chrystalina
Castles, Flynn
Gazzoli, Paul Michael
Iskander, Elizabeth

Master of Arts
Mawhood, John North
Master of Philosophy
Ashmore, Tom
Barton, Jennifer Jane McMurchie
Bierer, Laura-Christina
Docherty, Fiona Margaret

Master of Advanced Study
Shneider, Carl

Master of Business Administration
Barton, Christopher James
Lisica, Rebecca Jane
Wallace, Andrew
Williams, Amanda

in absence

Master of Arts
Deverill, Joseph Edward

CHRIST’S COLLEGE
in person

Doctor of Philosophy
Goodhand, Martin Neil
Naylor, Guy James

Master of Philosophy
Armstrong, David Andrew
Guraieb Chahin, Ricardo
Oram, Edward Martin John
Van Pelt, Willem Paul
Watmull, Jeffrey Louis

Master of Mathematics
Lo, Siu Lun Allan

Master of Business Administration
Herken, Anna Sophie
Koak, Yashwant

Master of Finance
Smuts, Nicolaas Lourens

Bachelor of Medicine
Azzu, Vian

MAGDALENE COLLEGE
in person

Doctor of Philosophy
Hayward, John James
Holm, Bjarki
Nabatiyan, Arman
Yuan, Wei jia

Master of Arts
Ackroyd, Amy Kate
Allan, Phoebe Kate
Baykal, Meltem
Berry, Margaret Jane Wedgwood
Bowen, Elizabeth Ruth Lee
Broom, Amy Islay
Chaudhary, Usamah Shuaib
Clark, Paul Michael
Clarke, Helena Elizbeth

Clarke, Steven Robert John
Conroy, Katherine Ruth
Cross, Timothy Kenneth
Crowley, George
Doust, Clare
Eastwood, Jeremy Peter
Eliot, Henry Hugh Geoffrey
Fauvet, Adele
Featherstone, William Francis
Finlay, Alexandra Mae
Foster, Emma Marie
Goodwin, John Peter
Grant, Caroline Ann Exley
Grimes, Kate Louisa
Gunn, Edward Christian
Hadjivasiliou, Zena
Hartley, Ross Alan
Ho, Alison Elizabeth Puiyun
Hudson, Rachel
Isham, Louise Julie
Ives, Charlotte Amanda
Jenkins, Christopher James
Jones, Benjamin Nicholas Farror
Kemple, Mariam Katherine Brit
Kerr, Graeme John
Kindersley, Nicola Dawn
Kylfin, John Michael William
Liberante, Nicola Leanne
Loganathan, Jemina Rahini
Rasiah
Loizou, Helen
Lowe, Rebecca Mary Louise
McGonagle, Katie Siobhan
MacKay, James William
Maikowski, Michael Allons
Mann, Andrew Sebastian Singh
May, Rosie Laura
Melen, Rebecca Lucy
Mills, Claire Maria
Munday, Carly Anne
O’Hare, Kaia Tamsin
Pearce-Higgins, Nellie Grace
Pearson, Laura Jane
Phuah, Jia Yao
Pope, Thomas Martin
Pugh, Thomas George
Rawlings, Colin Donald
Rogers, Sarah-Rose
Sadler, Neil Anthony Dettmer
Sampson, Catherine
Sanderson, Camilla Fleur
Selman, Caroline Elizabeth
Shaw, Jennifer Sarah
Skeffington, Alastair William
Skeoch, Henry Robert Keith
Smith, Kirsty Anne
Teal, Amy Jane
Thompson, Martin John
Wilson, Charlotte Rose
Worgan, Andrew Hartland
Zainul Abdin, Nadiah Suhaida
Zhang, Sheldon

Master of Mathematics
Pugh, Thomas George

Master of Business Administration
Butler, Michael Lockett
Hansen, Jes
Xavier, Johann Regis

Bachelor of Medicine
Conroy, Katherine Ruth
Loganathan, Jemina Rahini
Rasiah
MacKay, James William
Wilson, Charlotte Rose

in absence

Master of Arts
Agravah, Pooja
Chiang, Josephine Aizhen
Fitzgerald, Leah Rosalind Fe
Kurer, Allegra Sybilla
Papachristofis, Michalis
Wharmby, Michael Thomas

Master of Advanced Study
Robertson, John Alistair
Schuck, Christoph

EMMANUEL COLLEGE
in absence

Master of Advanced Study
Roweth, Duncan

SIDNEY SUSSEX COLLEGE
in person

Doctor of Philosophy
Karmali, Anjum
Pengas, George
Xenofontos, Constantinos

Master of Arts
Allard, Jonathan Mark
Barnes, Sara Joanne
Battrick, Timothy Alexander
Bell, Alistair James
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Boyle, Claire Elizabeth Jane
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Chadha, Kieran David
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Cooke, Alice Elizabeth
Crowe, Duncan Andrew
Cullen, Ella Jade
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Esparon, Paul Alex
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Ewing, Judith Claire
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Gaanstra, Alexander
Gregory, Lauren Georgina Louise
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Hamdy, Nicholas Charles
Hendley, Victoria Helen
Hilditch, Rachel Helen
Hill, Rowan Richard Fraser
Hillson, Rachel Louise Claire
Jackson, Rachel Emily
Jeevan, Mohini Satish
Jones, Abigail Jane
Jordan, Joseph Francis
Lapsley, Marta Christina
Lee, Jennifer Heather
Li, Alexander Nicholas
Lloyd, Christopher John
Lloyd, Eleanor Megan
McCloskey, Sorcha
McDowell, Elisabeth Helen
Min, Bruno Sung Yeun
Mittel, Naveen
Morgan, Jennifer Jane
Morgan, Nicola Anne
Morit, Helene
Nicholls, Thomas Andrew James
Nierinck, James Peter
Ong, Lay Ping
Patterson, Nicholas David
Pinder, Jonathan Michael
Rao, Priyanka
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Robinson, Alexander
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Swinney, Paul Andrew
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Torrance, Alexander
Uwubamwen, Ebuwa Vanessa
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Wilkes, James David
Williams, Edward John Gwynne
Williams, Katharine Fiona
Wohanka, Alexandra Maria
Worth, Alastair Thomas Sandever
Wykurz, Karen Maria
Yu, Jonathan Thur Sian
Bachelor of Medicine
Ewing, Judith Claire
in absence
Master of Arts
Adams, Richard Andrew Lovett
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Crane, Rachel Louise
Crockett, Leah Alexandra
Hassall, Andrew
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Warner, Robyn Elizabeth
Whitfield, Stephen
Master of Mathematics
Doran, Christopher John Leslie
Master of Advanced Study
Ortalo, Jeremie

DOWNING COLLEGE
in person
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Malone, Caroline Mary Patricia
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Newton, Jonathan Charles Scott
Master of Arts
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Li, Jie
University Lecturer in the
Department of Engineering and
Fellow of Downing College
Master of Arts
Ackers-Johnson, Matthew
Alao, Tayibatu Dunki
Anderson, Rachel Elizabeth
Arnall, Jamie Christopher
Becker, Annabel Janice
Black, Kirstin
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Brown, Emily Louise
Bundell, Shamini Lorna
Butcher, Ashley Samuel
Carter, Elizabeth Josephine
Clark, Kristina Elizabeth
Neergaard
Close, Natasha Jane
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Collins, Ruth Sinead
Comerford, Rebecca Louise
Craig, Rowena Claire
Cullen, Ian Patrick
Cullinane, Laura Jane Elizabeth
Davis, Benjamin Michael
Deng, Haidong Hendric
Durham, Lucy Elizabeth
Fets, Louise Victoria
Fielding, Oliver Leonard
Findlater, Sacha
Fletcher, Robin Ivan James
Froomeberg, Amy Louise
Gajendragadkar, Pushpaj
Ravindra
Gogna, Ravi
Goode, Angela Erin
Green, Jonathan David
Griffiths, Brett Paul
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Harrison, Gwyneth Jennifer
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Page, Simon Matthew
Palmer, Mark Nicholas
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Posnett, Edward Robert
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Rainford, Catherine Amelia
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Saeed, Tariq Issam
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Threlfall, Brendan Peter
Tierney, Megan Jayne
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Wickham, Timothy James

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Kabay, Melahat

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Liu, Qingxin

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Hirondel, Florence
Johnson, Sophie

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Bennett-Hunter, Guy Andrew
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Ha, Thang Long
Leaman Nye, Abigail
Littlefield, Lucy
Pouler, Simon

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Burns, Ryan Christopher
Frede, Julia
Littlefield, Lucy

Master of Advanced Study
Poplavskyy, Oleksandr

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Barlow, Michelle Nora
Barton, Richard David
Beaumont, Richard Joe
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Booher, Alice Laura
Bunn, Caroline Jayne
Carney, Sarah Kate

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Whittle, Andrew John

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Mandic, Stjepan
Weaver, Mark

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McLachlan, Amelia Philippa

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Sylvestor, Emily Kate
Ullathorne, Edward Peter
Ward, Philip Richard

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Sander, Markus
Thiruvnenkathanathan, Pradyumna
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Wreford, Isabel Claire

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Sales, Luke Rothwell

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Merati, Putu Astari
Papkovskaia, Ekaterina

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Chlouveraki, Maria

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Panaioti, Antoine
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Rosin, Mark Saul

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Hsu, Chong Pin

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Schnebel, Alexander

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Crampton, Robert John
He, Yuguo
Jones, Thomas Cheuning
Logan, Angela
Nouvel, Nicolas
Willems, Sofie Henriette
Yan, Yu
Zhang, Tao
Zhu, Tongtong

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Gabriel, Agnes Sok Leng
Gabriel, Mark David Fenner
Kim, Ji-Woon
Rezk, Rasha

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Ross, Simon Peter
Ujejski, Tomasz Harding

Master of Finance
Song, Ying Hui
Tan, Teck Hwee Judy

Master of Education
Absalom, Gemma Marie
Flitton, Laura Jane
Fraser, Rosamund Tessa
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<td>Baig, Hana</td>
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<td>Doctor of Philosophy</td>
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<td>in person</td>
<td>Master of Arts</td>
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</tr>
<tr>
<td>in person</td>
<td>Doctor of Philosophy</td>
<td>Doctor of Philosophy</td>
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- Bailey, Simon
- Carter, Nigel Neil
- MacDonald, Murdo John
- Mutuma, Esther Muthoni
- Su, John Chit
- Williams, Boisy Vidal Athanasius

**Bachelor of Medicine**

- Bates, Brendan Anthony
- Grimes, Lisa Anne

**Master of Philosophy**

- Echouffo Tcheugui, Justin Basile

**Master of Advanced Study**

- Muallam, Ron

**Master of Education**

- Underwood, Andrew John

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- Lok, Chak-Ying Beatric
- Lubik, Sarah Joy
- Richart, Alexandria Nicole
- Rihani, Samir
- Skamagki, Maria

**Master of Philosophy**

- Lok, Chak-Ying Beatric

**Master of Business Administration**

- Christensen, Nikolaj Korsgaard
- Elliott-Rotgans, Donna Susan
- Ranjan, Anurag
- Sambou, Bardad
- Toyota, Masatake

---

**Message, Robin Henry**

- Mistry, Ajay
- Moreau, Sarah
- Moroz, Tracy
- Mullin, Juliette Elizabeth
- Nicholas, Ewan
- Nowacki, Andrew John
- Overton, Gregory Henry
- Patel, Arti Narendra
- Patel, Kunal
- Pearson, Megan
- Pickworth, Timothy
- Rayner, Thomas Samuel
- Riley, Jack Oliver Daniel
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- Russant, Stuart Paul
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- Smith, Sarah
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- Spring, Charlotte Lucy Anne
- Steer, Samuel Jonathan
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- Thomson, Graham Andrew
- Vicente Grabovsky, Alejandro
- Wallace, Ruth Jane
- Walton, David Fairs
- Warner, James Thomas
- Wilkes, Alex Peter
- Williams, Simon
- Zaman, Monjuruz

---

**Master of Philosophy**

- Motum, Keiko

**Bachelor of Medicine**

- Bugler, Richard David
- Horsley, Lauren Louise

**Doctor of Philosophy**

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- Barclay, David William
- Coleman, Victoria Katherine
- Edmunds, Ceri David
- Jelina, Filip
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- Liu, Simon Cheng
- Mitchell, Edward Frank
- Nesbit, Edward Thomas
- Oxby, Ross Neil
- Wightman, Matthew Stephen
- Williams, Ian
- Yandoli, Lucia Rose

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**Master of Mathematics**

- Pinder, Timothy Paul

**LUCY CAVENDISH COLLEGE**

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- Benton, Ailsa Katharine
- Ward, Heather Anne
Master of Arts
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Buhr, Susan Feurst
Burney, Jacqueline
Duncan, Geraldine Moira
Jackson, Sara Louise
Lea, Claire Maria
Lusty, Rhonda
Mace, Anna
Rayner, Katharine Lucille
Thurston, Joanna
Tomlinson, Lisa Rose
van den Berg, Hubertina Johanna

Master of Philosophy
Boneva, Teodora Bojanova
Napiorkowska, Lidia Ewa
Tsai, Wei-hsin

Master of Business Administration
Milnes, Frances Clare

Master of Research
Patel, Ketaki Animesh
in absence

Master of Arts
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Marshall-Quinn, Hannah Claire
Rzechorzek, Nina Marie
Santos, Simonette Calejesan

Master of Finance
Charvat, Filip
Sekhan, Natalja

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END OF THE OFFICIAL PART OF THE ‘REPORTER’
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Cambridge University Symphony Orchestra

The CUSO Easter Concert 2011 will be held at 8 p.m. on Thursday, 19 May, in West Road Concert Hall. The programme will be Beethoven's Piano Concerto No. 4 (performed by Kausikan Rajeshkumar) and Brahms Symphony No. 1. Tickets are £12/£8/£5 and are available on the door or from http://www.cuso.org.uk.

EXTERNAL NOTICES

Oxford Notices

Exeter College: Twelve-hour Stipendiary Lectureship in Law; tenure: one year with possible extension; salary: £24,370–£25,101; closing date: 12 noon, 9 June 2011; further particulars: http://www.exeter.ox.ac.uk/college/vacancies

Lincoln College: Junior Research Fellow in Law; stipend: £22,791; tenure: three years; closing date: 13 June 2011; further particulars: http://www.lincoln.ox.ac.uk/index.php?page=junior+research+fellow+in+law

St Hilda’s College: Fixed-term six-hour College Lectureship and Law Faculty Departmental Lectureship in Law; salary: £12,185–£13,714; closing date: 12 noon, 9 June 2011; further particulars: http://www.st-hildas.ox.ac.uk

Stipendiary Lectureship in French; salary: £16,247–£18,285; closing date: 12 noon, 7 June 2011; further particulars: http://www.st-hildas.ox.ac.uk

Stipendiary Lectureship in Law (Tort); salary: £16,247–£18,285; closing date: 12 noon, 13 June 2011; further particulars: http://www.st-hildas.ox.ac.uk

Wadham College: Fixed-term six-hour Stipendiary Lecturer in Economics; stipend: on a scale from £12,185, pro-rata for two terms; closing date: 6 June 2011; further particulars: http://www.wadham.ox.ac.uk/fellows-staff/vacancies/vacancies.html

Other External Notices

European Institutes for Advanced Study (EURIAS) Fellowship Programme 2012–13; closing date: Tuesday, 31 May 2011; further particulars: http://www.eurias-fp.eu
University Offices: useful web addresses

Index of administrative services and information: http://www.admin.cam.ac.uk/audience/
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Information Compliance (includes Data Protection and Freedom of Information): http://www.admin.cam.ac.uk/univ/information/
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