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UNIVERSITY OF
CAMBRIDGE

NOTICES**Calendar**

1 November, *Saturday*. All Saints' Day. Scarlet Day.

2 November, *Sunday*. Commemoration of Benefactors. Scarlet Day. Preacher before the University at 11.15 a.m., The Reverend Canon Dr J. D. Maltby, *N* and *W*, Reader in Church History in the University of Oxford (Lady Margaret's Preacher).

9 November, *Sunday*. Remembrance Sunday. Michaelmas Term divides.

11 November, *Tuesday*. Discussion at 2 p.m. in the Senate-House.

Discussions at 2 p.m.

11 November

25 November

9 December

Congregations

29 November, *Saturday* at 2 p.m.

Notice of a Discussion on Tuesday, 11 November 2014

The Vice-Chancellor invites those qualified under the regulations for Discussions (*Statutes and Ordinances*, p. 111) to attend a Discussion in the Senate-House, on Tuesday, 11 November 2014, at 2 p.m. for the discussion of:

1. First-stage Report of the Council, dated 20 October 2014, on the development of the Greenwich House site (*Reporter*, 6361, 2014–15, p. 65).

Notice of benefactions

27 October 2014

The Vice-Chancellor gives notice that he has accepted with gratitude the following benefactions, of which both the capital and the income may be used:

- (i) a benefaction of £500,000 from Newton Investment Management Limited, payable over five years, to support the Centre for Endowment Asset Management in Cambridge Judge Business School, during which period the Centre shall be known as the Newton Centre for Endowment Asset Management;
- (ii) donations amounting to £408,295 and £476,721, which have been contributed by subscribers to appeals for support in the fitting out of Eton Fives and Rugby Fives courts respectively in the Sports Centre;
- (iii) a benefaction of £250,000 pledged under the Gift Aid Scheme from Mrs Jiehan Guo and Mr Vincent Zhao, payable over five years, to support the Cambridge Rivers Project in the Museum of Archaeology and Anthropology;
- (iv) a benefaction of £159,500 from DNV GL to support scholarships for international undergraduate students studying Mathematics, Physics, Engineering, or Chemical Engineering, to be known as Amy Li Cambridge Scholarships and to be matched and administered by the Cambridge Commonwealth, European and International Trust;
- (v) a benefaction of £117,000 from the Frances and Augustus Newman Foundation to support a Newman Foundation Next Generation Studentship in Chemistry for three years;
- (vi) a benefaction of £110,559 from the Polonsky Foundation, payable over two years, to support the Cambridge Interfaith Programme Summer Schools in 2014 and 2015.

The Vice-Chancellor has also accepted with gratitude a benefaction of £200,000 from an anonymous donor, to establish the Douglas Cashin Fund to support the study of Classics at the University, with a preference for providing assistance to those who might otherwise be deterred from such study by their financial circumstances. The Council is submitting a Grace to the Regent House (Grace 2, p. 105) for the approval of regulations to govern the Fund.

Amending Statutes for Hughes Hall

27 October 2014

The Vice-Chancellor begs leave to refer to his Notice of 14 August 2014 (*Reporter*, 6357, 2014–15, p. 2), concerning proposed amending Statutes for Hughes Hall. He hereby gives notice that in the opinion of the Council the proposed Statutes make no alteration of any Statute which affects the University, and do not require the consent of the University; that the interests of the University are not prejudiced by them, and that the Council has resolved to take no action upon them, provided that the Council will wish to reconsider the proposed Statutes if they have not been submitted to the Privy Council by 27 October 2015.

VACANCIES, APPOINTMENTS, ETC.

Vacancies in the University

A full list of current vacancies can be found at <http://www.jobs.cam.ac.uk/>.

Professorship of Climate Change Economics and Policy in the Department of Land Economy; tenure: from 1 January 2015 or as soon as possible thereafter; informal enquiries: Professor Phil Allmendinger, Head of the Department of Land Economy (email: pma32@cam.ac.uk); closing date: 27 November 2014; further particulars: <http://www.admin.cam.ac.uk/offices/academic/secretary/professorships/> or contact the Academic Secretary, University Offices, The Old Schools, Cambridge, CB2 1TT (email: ibise@admin.cam.ac.uk); quote reference: JP04549

University Lecturer (Honorary Consultant) in Neurosurgery in the Department of Clinical Neurosciences; salary: £75,249–£101,451; closing date: 26 November 2014; further particulars: <http://www.jobs.cam.ac.uk/job/5279/>; quote reference: ZE04568

Public Engagement Officer (fixed-term) in the Wellcome Trust – Medical Research Council Cambridge Stem Cell Institute; tenure: the funds for this post are available until 30 June 2017 in the first instance; salary: £28,695–£37,394; closing date: 16 November 2014; further particulars: <http://www.jobs.cam.ac.uk/job/4403/>; quote reference: PS03788

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

The University has a responsibility to ensure that all employees are eligible to live and work in the UK.

EVENTS, COURSES, ETC.

Announcement of lectures, seminars, etc.

The University offers a large number of lectures, seminars, and other events, many of which are free of charge, to members of the University and others who are interested. Details can be found on Faculty and Departmental websites, and in the following resources.

The What's On website (<http://www.admin.cam.ac.uk/whatson/>) carries details of exhibitions, music, theatre and film, courses, and workshops, and is searchable by category and date. Both an RSS feed and a subscription email service are available.

Talks.cam (<http://www.talks.cam.ac.uk/>) is a fully searchable talks listing service, and talks can be subscribed to and details downloaded.

Brief details of upcoming events are given below.

<i>Centre of African Studies</i>	Seminar Series: <i>Migration and African diasporas</i> – on Mondays at 5 p.m. in Room S1, Alison Richard Building; next seminar: <i>Spaces of exile and solidarity: conviviality, contention, and transnational activism for Zimbabwe 1965–1980</i> , by Jo Ann McGregor, on 3 November 2014	http://www.african.cam.ac.uk/events/casseminar
<i>Institute for Manufacturing</i>	Thirteenth Babbage Lecture: <i>Greater Boston's industrial ecosystem: a manufactory of sectors</i> , by Michael Best, Emeritus Professor, University of Massachusetts Lowell and former Co-director of the Centre for Industrial Competitiveness, on 12 November 2014 at 5 p.m. at the Institute for Manufacturing	http://www.ifm.eng.cam.ac.uk/events/babbage-seminar-series-13/

NOTICES BY FACULTY BOARDS, ETC.

Annual meetings of the Faculties

Economics

The Chair of the Faculty Board of Economics gives notice that the Annual Meeting of the Faculty will be held at 2 p.m. on Monday, 17 November 2014, in the Meade Room, Austin Robinson Building, Sidgwick Avenue. The agenda for the meeting will be circulated to each member of the Faculty. One of the items of business will be to elect two members of the Faculty Board in class (c) to serve for four years, from 1 January 2015, in accordance with Regulation 1 of the General Regulations for the Constitution of the Faculty Boards (*Statutes and Ordinances*, p. 600).

Nominations in writing, signed by the proposer and seconder, together with an indication of the nominee's willingness to serve, should reach the Secretary, Marie Butcher (email: mab30@cam.ac.uk), Faculty of Economics, Austin Robinson Building, Sidgwick Avenue, by 12 noon on Thursday, 13 November 2014. It would be helpful if notice of any other business that members wish to be discussed were sent in writing to the Secretary by 10 a.m. on Friday, 7 November 2014.

History

The Chair of the Faculty Board of History gives notice that the Annual Meeting of the Faculty will be held at 2.15 p.m. on Tuesday, 18 November 2014, in Seminar Room 6 in the Faculty of History. The agenda for the meeting will be circulated to each member of the Faculty. One of the items of business will be the election, in accordance with Regulation 1 of the General Regulations for the Constitution of the Faculty Boards (*Statutes and Ordinances*, p. 600), of three members of the Faculty Board in class (c) to serve for four years from 1 January 2015.

Nominations, for which the consent of the candidate must be obtained, signed by the proposer and seconder, and notice of any other business, should reach the Secretary at the Faculty of History, West Road, not later than 12 noon on Tuesday, 11 November 2014.

Physics and Chemistry

The Chair of the Faculty Board of Physics and Chemistry gives notice that the Annual Meeting of the Faculty will be held at 2.15 p.m. on Friday, 21 November 2014, in the Committee Room, Institute of Astronomy, Madingley Road. The main business will be the election of four members of the Faculty Board in class (c), in accordance with Regulation 1 of the General Regulations for the Constitution of the Faculty Boards (*Statutes and Ordinances*, p. 600), to serve for four years from 1 January 2015.

Nominations, signed by the proposer and seconder, for which the consent of the candidate must be obtained, should reach the Secretary at the Institute of Astronomy not later than Monday, 10 November 2014. Notice of any other business should reach the Secretary by the same date.

Mathematical Tripos, Part III, 2015

The Faculty Board of Mathematics give notice that, in accordance with Regulations 16 and 17 for the Mathematical Tripos (*Statutes and Ordinances*, p. 379), there will be set in 2015 if candidates desire to present themselves therein, a paper in each of the subjects in the following list. The duration of the paper is shown beside it.

1	Commutative algebra	3 hours	35	Biostatistics	3 hours
2	Lie algebras and their representations	3 hours	36	Topics in statistical theory	2 hours
3	Representation theory	3 hours	37	Time series and Monte Carlo inference	3 hours
4	Homological and homotopical algebra	2 hours	38	Mathematics of operational research	3 hours
5	Analysis of partial differential equations	3 hours	39	Stochastic networks	3 hours
6	Functional analysis	3 hours	40	Advanced financial models	3 hours
7	Semigroups of operators	3 hours	41	Optimal investment	2 hours
8	Topics in kinetic theory	3 hours	42	Contest theory	2 hours
9	Elliptic PDEs	3 hours	43	Quantum field theory	3 hours
10	Introduction to nonlinear wave equations	3 hours	44	Symmetries, fields, and particles	3 hours
11	Combinatorics	2 hours	45	Statistical field theory	2 hours
12	Techniques in combinatorics	2 hours	46	Advanced quantum field theory	3 hours
13	Probabilistic combinatorics	2 hours	47	The standard model	3 hours
14	Topics in ergodic theory	3 hours	48	Supersymmetry and extra dimensions	3 hours
15	Algebraic topology	3 hours	49	String theory	3 hours
16	Algebraic geometry	3 hours	50	Classical and quantum solitons	2 hours
17	Differential geometry	3 hours	51	Introduction to the gauge/gravity duality	2 hours
18	Complex manifolds	3 hours	52	General relativity	3 hours
19	Homotopy theory	3 hours	53	Cosmology	3 hours
20	Topics in algebraic geometry	3 hours	54	Black holes	3 hours
21	Geometric group theory	3 hours	55	Advanced cosmology	3 hours
22	Category theory	3 hours	56	Applications of differential geometry to physics	2 hours
23	Model theory	2 hours	57	Astrophysical fluid dynamics	3 hours
24	Topics in set theory	3 hours	58	Structure and evolution of stars	3 hours
25	Computability and logic	3 hours	59	Extrasolar planets – atmospheres and interiors	3 hours
26	Local fields	2 hours	60	Magnetohydrodynamics	2 hours
27	Elementary methods in analytic number theory	3 hours	61	The origin and evolution of galaxies	2 hours
28	Algebraic number theory	3 hours	62	Galactic dynamics	3 hours
29	Advanced probability	3 hours	63	Planetary system dynamics	3 hours
30	Stochastic calculus and applications	3 hours	64	Dynamics of astrophysical discs	2 hours
31	Percolation and related topics	2 hours	65	Binary stars	2 hours
32	Modern statistical methods	2 hours	66	Quantum information theory	3 hours
33	Applied statistics	3 hours	67	Advanced quantum information theory	2 hours
34	Actuarial statistics	2 hours			

68	Numerical solution of differential equations	3 hours	74	Fluid dynamics of the environment	3 hours
69	Approximation theory	3 hours	75	Biological physics	3 hours
70	Boundary value problems for linear PDEs	2 hours	76	Direct and inverse scattering of waves	2 hours
71	Distribution theory and applications	2 hours	77	Sound generation and propagation	2 hours
72	Perturbation and stability methods	3 hours	78	Fluid dynamics of the solid earth	2 hours
73	Slow viscous flow	3 hours	79	Fluid dynamics of climate	3 hours
			80	Complex and biological fluids	3 hours

The Faculty Board remind candidates and Tutors that requests for papers to be set on additional subjects should be sent to the Secretary of the Faculty Board, c/o the Undergraduate Office, Faculty of Mathematics, Wilberforce Road (email: faculty@maths.cam.ac.uk) not later than 9 November 2014.

Natural Sciences Tripos, Part III (Astrophysics) and Master of Advanced Studies in Astrophysics, 2014–15

The Director of the Institute of Astronomy gives notice that the following courses will be available for examination in 2015:

Three-unit lecture courses

These papers, from Part III of the Mathematical Tripos, will be taken in June. Each will be examined by a written paper of three hours' duration.

- 43. Quantum field theory
- 52. General relativity
- 53. Cosmology
- 54. Black holes
- 55. Advanced cosmology
- 57. Astrophysical fluid dynamics
- 58. Structure and evolution of stars
- 59. Extrasolar planets – atmospheres and interiors
- 62. Galactic dynamics
- 63. Planetary system dynamics

Two-unit lecture courses

These papers, from Part III of the Mathematical Tripos, will be taken in June and will be examined by a written paper of two hours' duration.

- 60. Magnetohydrodynamics
- 61. The origin and evolution of galaxies
- 64. Dynamics of astrophysical discs
- 65. Binary stars

These papers, from Part III of the Natural Sciences Tripos (Physics), will be taken at the start of the Lent Term and will be examined by a written paper of two hours' duration. Each paper will consist of three questions of which candidates will be required to answer two; all questions carry equal weight.

- Paper 1/PP. Particle physics
- Paper 1/PEP. Physics of the Earth as a planet

One-unit lecture courses

These papers, from Part III of the Natural Sciences Tripos (Physics), will be taken at the start of the Easter Term and will be examined by a written paper of one-and-a-half hours' duration. Each paper will consist of three questions of which candidates will be required to answer two; all questions carry equal weight.

- Paper 2/PA. Particle astrophysics
- Paper 2/FOA. Frontiers of observational astrophysics

It is recommended that candidates take the equivalent of four three-unit lecture courses. At least nine units should be selected from the recommended list of courses above. Up to three units may be chosen freely from Part III of the Mathematical Tripos (and need not be relevant to astrophysics), or the allowed list of courses from Part III Physics in the Natural Sciences Tripos, or a mixture of both. The courses offered in Part III of the Mathematical Tripos vary from year to year and may be found in their lecture listing at <http://www.maths.cam.ac.uk/lecturelists/PartIIIWeb.pdf>. The allowed courses from Part III Physics may be found at http://www.ast.cam.ac.uk/students/undergrad/part_iii/lectures/. Students may be examined in up to a maximum of fifteen units in addition to their compulsory project. Students should consult the Part III Course Co-ordinator for guidance about choice of courses.

FORM AND CONDUCT OF EXAMINATIONS, 2015

Second M.B. and Second Veterinary M.B. Examination, 2015

The Faculty Board of Biology give notice that, with effect from the examinations to be held in 2015, the form of the examination for the following papers for the Second M.B. and Second Veterinary M.B. Examination will be changed as follows:

Second M.B. Examination 2015: Introduction to the Scientific Basis of Medicine

The examination will now consist of fifteen questions instead of ten.

Second Vet.M.B. Examination 2015: Introduction to the Scientific Basis of Medicine

The examination will now consist of fifteen questions instead of ten.

CLASS-LISTS, ETC.

Approved for degrees

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OBITUARIES

Obituary Notice

MARTIN DUNCAN COWLEY, B.A., Ph.D., *JN*, Fellow of Trinity College since 1964, sometime Director of Studies, and University and College Lecturer in Engineering, died on 20 October 2014, aged 81 years.

GRACES**Graces submitted to the Regent House on 29 October 2014**

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. 111), will be deemed to have been approved at 4 p.m. on Friday, 7 November 2014.

1. That the Report of the Council, dated 22 September 2014, seeking authority to extend Phase 1 of the North West Cambridge development (*Reporter*, 6357, 2014–15, p. 11) be approved.¹
2. That a Douglas Cashin Fund be established in the University, to be governed by the following regulations:²

DOUGLAS CASHIN FUND

1. The sums received by the University in 2014 from an anonymous donor for the establishment of the above fund, and other sums received for the same purpose, shall form a fund called the Douglas Cashin Fund.
2. The Managers of the Fund shall be the Faculty Board of Classics.
3. The income of the Fund shall be used to support the study of Classics at the University, with a preference for providing assistance to those who might otherwise be deterred from such study by their financial circumstances, in such manner as may be determined by the Managers of the Fund.
4. Any unexpended income in a financial year may be accumulated for use as income in any one or more subsequent years, as the Managers may determine.

¹ The Council is of the view that the remarks made at the Discussion on 14 October 2014 on this Report, whilst pertinent to the North West Cambridge development, do not directly concern the recommendations of this Report and therefore the Council is submitting a Grace. The Council will respond to the remarks as a separate matter.

² See the Vice-Chancellor's Notice on p. 86.

ACTA**Congregation of the Regent House on 25 October 2014**

A Congregation of the Regent House was held at 11 a.m. All the Graces that were submitted to the Regent House (*Reporter*, 6361, 2014–15, p. 68) were approved.

The following degrees were conferred:

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COLLEGE NOTICES

Vacancies

Lucy Cavendish College: Ethel Cruickshank Research Fellowship; tenure: three years from 1 October 2015; non-stipendiary with benefits; closing date: 1 December 2014 at 12 noon; further particulars: <http://www.lucy-cav.cam.ac.uk/about-us/vacancies/>

Greenwood Bidder Research Fellowship; tenure: three years from 1 October 2015; non-stipendiary with benefits; closing date: 1 December 2014 at 12 noon; further particulars: <http://www.lucy-cav.cam.ac.uk/about-us/vacancies/>

Alice Tong Sze Post-doctoral Research Fellowship in the Arts; tenure: three years from 1 October 2015; stipend: £18,031 plus benefits; closing date: 1 December 2014 at 12 noon; further particulars: <http://www.lucy-cav.cam.ac.uk/about-us/vacancies/>

Lu Gwei Djen Research Fellowship; tenure: three years from 1 October 2015; stipend: £18,031 plus benefits; closing date: 1 December 2014 at 12 noon; further particulars: <http://www.lucy-cav.cam.ac.uk/about-us/vacancies/>

Elections

Pembroke College

Elected to Official Fellowships from 1 October 2014:

Iza Riana Hussin, M.A., *Harvard*, Ph.D., *Washington*
Thomas Gospatric Micklem, B.Sc., *Imperial*, Ph.D., *T*

Elected to a Research Fellowship from 1 October 2014:

Waseem Yaqoob, B.A., M.Phil., Ph.D., *PEM*

Elected to Bye-Fellowships from 1 October 2014:

Matthew Ivor John Davies, B.A., M.St., D.Phil., *Oxford*
Ünver Rüstem, B.A., M.A., *London*, A.M., Ph.D.,
Harvard

Other Notices

Robinson College: A Memorial Service for Lord Lewis of Newnham (see *Reporter*, 6356, 2013–14, p. 799) will be held on Saturday, 28 February 2015 in Robinson College Chapel at 2 p.m. Further details may be found at: <http://www.robinson.cam.ac.uk/development-home-page-news-main-news/lord-lewis-newnham-frs>. Booking is essential for space reasons.

SOCIETIES, ETC.

Friends of Cambridge University Library

A meeting of the Friends of Cambridge University Library will be held on Saturday, 8 November 2014, at 11.30 a.m., in the Milstein Seminar Rooms, University Library, West Road, at which Alessandro Bianchi will give a talk entitled *Books on the bookshelves: a short history of the book in early modern Japan*. Further details are available at <http://www.lib.cam.ac.uk/friends/programme.html>.

EXTERNAL NOTICES

University of Oxford

Jesus College and the Faculty of Philosophy: Tutorial Fellowship and Associate Professorship / Professorship in Moral Philosophy; salary: from £44,620; closing date: 1 December 2014; further particulars: <http://www.jesus.ox.ac.uk>

Oriel College: Stipendiary Lectureship in English Literature; closing date: 7 November 2014; further particulars: <http://www.oriel.ox.ac.uk/content/vacancy-fixed-term-stipendiary-lectureship-4-hours-english-literature-1660-1830>

St Catherine's College: Personal Assistant to the Master; salary: £27,000–£35,000; closing date: 14 November 2014; further particulars: <https://www.stcatz.ox.ac.uk/node/735>

University College: Junior Research Fellowship in Mathematical, Physical, and Life Sciences; salary: £22,029, plus benefits; closing date: 4 December 2014 at 12 noon; further particulars: <http://www.univ.ox.ac.uk/content/junior-research-fellowship-mathematical-physical-and-life-sciences>

Notices for publication in the *Reporter*, or queries concerning content, should be sent to the Editor, Cambridge University Reporter, Registry's Office, The Old Schools, Cambridge, CB2 1TN (tel. 01223 332305, email reporter.editor@admin.cam.ac.uk). Copy should be sent as early as possible in the week before publication; short notices will be accepted up to 4 p.m. on Friday for publication the following Wednesday. Inclusion of notices is at the discretion of the Editor.

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