

# CAMBRIDGE UNIVERSITY REPORTER

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UNIVERSITY OF  
CAMBRIDGE

## NOTICES

## Calendar

- 5 May, *Thursday*. Ascension Day. Scarlet Day.  
 10 May, *Tuesday*. Discussion at 2 p.m. in the Senate-House (see below).  
 14 May, *Saturday*. Easter Term divides. Congregation of the Regent House at 10 a.m.  
 15 May, *Sunday*. Whitsunday. Scarlet Day.  
 22 May, *Sunday*. Trinity Sunday. Scarlet Day. Preacher before the University at 11.15 a.m., The Rt Revd Dr Bill Musk, formerly Area Bishop for North Africa and Rector of St George's, Tunis (*Ramsden Preacher*).

**Discussions at 2 p.m.**

- 10 May  
 24 May  
 7 June  
 5 July

**Congregations**

- 14 May, *Saturday at 10 a.m.*  
 15 June, *Wednesday at 2.45 p.m.* (Honorary Degrees)  
 22 June, *Wednesday at 10 a.m.* (General Admission)  
 23 June, *Thursday at 10 a.m.* (General Admission)  
 24 June, *Friday at 10 a.m.* (General Admission)  
 25 June, *Saturday at 10 a.m.* (General Admission)  
 15 July, *Friday at 10 a.m.*  
 16 July, *Saturday at 10 a.m.*

**Notice of a Discussion on Tuesday, 10 May 2016**

The Vice-Chancellor invites those qualified under the regulations for Discussions (*Statutes and Ordinances*, p. 107) to attend a Discussion in the Senate-House, on Tuesday, 10 May 2016, at 2 p.m. for the discussion of:

1. First-stage Report of the Council, dated 19 April 2016, on the construction of a new Heart and Lung Research Institute on the Cambridge Biomedical Campus (*Reporter*, 6422, 2015–16, p. 474).

The Vice-Chancellor further invites all students in the University and all employees of the University and Colleges not otherwise qualified under the regulations for Discussions to attend for the discussion of the following topic of concern:

2. That the Regent House, as the governing body of the University, consider the impact of existing measures taken in view of the PREVENT regulations, as well as anticipated and possible other measures; their likely effectiveness; their compatibility with academic freedom and human rights; and the appropriate governance of these measures (see *Reporter*, 6423, 2015–16, p. 479).

The Reports published in this issue (p. 504 and p. 505) will be discussed on 24 May 2016.

**Notice of benefactions**

2 May 2016

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 philanthropic grant of up to £1,250,000 from the Wolfson Foundation, payable over two years, towards the cost of providing equipment for the Containment Level 3 Facility in the Cambridge Institute of Therapeutic Immunology and Infectious Disease;
- (ii) a further benefaction of up to £249,000 from the Wolfson Foundation to continue its support of the Wolfson Postgraduate Scholarships in the Humanities, by providing funds for three Ph.D. students over three years at the level of £27,666 per year per student; the University has agreed that it will contribute to this gift by providing support for a fourth Wolfson Scholar over the same period;
- (iii) a further benefaction of US\$220,000 from Microsoft Corporation to support the work of the Microsoft Cloud Computing Research Centre, which is a collaboration between the University's Computer Laboratory and the Cloud Legal Project at Queen Mary University of London;
- (iv) a benefaction of £150,000 from Dr G. R. Ferris to support the work of Dr Robert Mullins, Computer Laboratory, on developing open-source software;
- (v) a benefaction of £150,000 from Lycamobile to create a Lycamobile Language Fund to be administered by the Language Centre to provide resources to students studying the languages and culture of Sri Lanka (£50,000) and to support a pre-pilot phase of a study on cardio-metabolic health in Sri Lanka in the Department of Public Health and Primary Care (£100,000);
- (vi) a benefaction of £106,210 from the Dawes Trust to support two further Ph.D. students at the Institute of Criminology, by covering the cost of maintenance grants and contributing towards tuition fees and travel and research costs for three years.

## Dates of Congregations, 2016–17 and 2017–18

2 May 2016

The Vice-Chancellor gives notice, in accordance with Special Ordinance A (i) 2, and the regulations for General Admission to Degrees, that Congregations will be held on the following days in the academical years 2016–17 and 2017–18.

### CONGREGATIONS OF THE REGENT HOUSE (on Saturdays unless otherwise stated)

#### 2016–17:

MICHAELMAS TERM 2016	LENT TERM 2017	EASTER TERM 2017	LONG VACATION 2017
<i>Full Term:</i> 4 October – 2 December	<i>Full Term:</i> 17 January – 17 March	<i>Full Term:</i> 25 April – 16 June	
1 October, <b>9.30 a.m.</b> <sup>1</sup>	28 January, <b>2 p.m.</b>	29 April, <b>11 a.m.</b>	21 July (Friday), <b>10 a.m.</b> <sup>3</sup>
22 October, <b>11 a.m.</b>	25 February, <b>2 p.m.</b>	20 May, <b>10 a.m.</b>	22 July, <b>10 a.m.</b>
26 November, <b>2 p.m.</b>	25 March, <b>11 a.m.</b>	21 June (Wednesday), <b>2.45 p.m.</b> (Honorary Degrees)	
	1 April, <b>11 a.m.</b>	28 June (Wednesday), <b>10 a.m.</b> <sup>2</sup>	
		29 June (Thursday), <b>10 a.m.</b> <sup>2</sup>	
		30 June (Friday), <b>10 a.m.</b> <sup>2</sup>	
		1 July, <b>10 a.m.</b> <sup>2</sup>	

#### 2017–18:

MICHAELMAS TERM 2017	LENT TERM 2018	EASTER TERM 2018	LONG VACATION 2018
<i>Full Term:</i> 3 October – 1 December	<i>Full Term:</i> 16 January – 16 March	<i>Full Term:</i> 24 April – 15 June	
2 October (Monday), <b>9.30 a.m.</b> <sup>4</sup>	27 January, <b>2 p.m.</b>	28 April, <b>11 a.m.</b>	20 July (Friday), <b>10 a.m.</b>
21 October, <b>11 a.m.</b>	24 February, <b>2 p.m.</b>	19 May, <b>10 a.m.</b>	21 July, <b>10 a.m.</b>
25 November, <b>2 p.m.</b>	24 March, <b>11 a.m.</b>	20 June (Wednesday), <b>2.45 p.m.</b> (Honorary Degrees)	
	7 April, <b>11 a.m.</b>	27 June (Wednesday), <b>10 a.m.</b> <sup>5</sup>	
		28 June (Thursday), <b>10 a.m.</b> <sup>5</sup>	
		29 June (Friday), <b>10 a.m.</b> <sup>5</sup>	
		30 June, <b>10 a.m.</b> <sup>5</sup>	

<sup>1</sup> Vice-Chancellor's Address followed by the Congregation for the election and admission of the Proctors.

<sup>2</sup> General Admission (LL.M., M.C.L., M.Eng., M.Math., M.Sci., Vet.M.B., B.A., and B.Th. Degrees only).

<sup>3</sup> Additional Congregation in July.

<sup>4</sup> Congregations for the admission of the Vice-Chancellor and for the election and admission of the Proctors.

<sup>5</sup> General Admission (M.Eng., M.Math., M.Sci., Vet.M.B., B.A., and B.Th. Degrees only).

## Annual Reports

The following Annual Reports have been received by the Council or the General Board and are available on the websites indicated:

ADC Theatre Annual Report 2014–15	<a href="https://www.adctheatre.com/about-us/administration.aspx">https://www.adctheatre.com/about-us/administration.aspx</a>
Equality and Diversity Information Report 2014–15	<a href="http://www.equality.admin.cam.ac.uk/equality-and-diversity-cambridge/equality-information-and-reports">http://www.equality.admin.cam.ac.uk/equality-and-diversity-cambridge/equality-information-and-reports</a>
Cambridge University Library Annual Report 2014–15	<a href="http://www.lib.cam.ac.uk/about-library/library-management/annual-reports-library">http://www.lib.cam.ac.uk/about-library/library-management/annual-reports-library</a>

## Distribution of *Statutes and Ordinances* from October 2016

With effect from the 2016 edition, there will be a change to the arrangements for the distribution of the University's *Statutes and Ordinances*. Printed copies will no longer be distributed free of charge to those on the University's distribution list, enabling Cambridge University Press to make funds previously used to cover the cost of printing available to the University to support teaching and research.

The *Statutes and Ordinances* will continue to be updated annually, with a new edition available online at <http://www.admin.cam.ac.uk/univ/so/> from early October each year in PDF and HTML formats. Hard copies may be purchased from Reprographics in the Old Schools at a cost of £14 for a thermal-bound, two-volume copy; those wishing to order copies should contact [Reprographics.Enquiries@admin.cam.ac.uk](mailto:Reprographics.Enquiries@admin.cam.ac.uk).

## VACANCIES, APPOINTMENTS, ETC.

### Vacancies in the University

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

**NIHR Clinical Lecturer in Radiology in the Department of Radiology (fixed-term);** tenure: four years; salary: £31,301–£54,199; closing date: 3 June 2016; further details: <http://www.jobs.cam.ac.uk/job/9879>; quote reference: RQ08673

*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.*

### Appointments, reappointments, and grants of title

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

#### APPOINTMENTS

##### University Lecturers

*Computer Laboratory.* Dr Neel Krishnaswami, B.Sc., *Massachusetts*, appointed from 1 August 2016 until the retiring age and subject to a probationary period of five years.

*Pathology.* Dr Andrew Edwin Firth, M.A.St., Ph.D., *T*, B.A., B.Sc., *Otago, New Zealand*, appointed from 1 October 2015 until the retiring age and subject to a probationary period of five years. Dr Oliver Thierry Giger, M.D., *Zurich*, FMH, SGPPath, EACR, AACR, appointed from 1 January 2016 until the retiring age and subject to a probationary period of five years.

*Pharmacology.* Dr Md Taufiq-Ur Rahman, Ph.D., *DAR*, B.Pharm., M.Pharm., *Dhaka, Bangladesh*, M.Sc., *Manchester*, appointed from 1 April 2016 until the retiring age and subject to a probationary period of five years.

*Surgery.* Mr Stephen Martin McDonnell, B.Sc., M.B.B.S., M.D., *London*, FRCS, appointed from 2 January 2016 until the retiring age and subject to a probationary period of five years. Mr Wasim Sardar Khan, M.B.Ch.B., Ph.D., *Manchester*, M.Sc., *Cardiff*, FRCS, appointed from 1 February 2016 until the retiring age and subject to a probationary period of five years.

*Zoology.* Dr Edgar Clive Turner, B.A., Ph.D., *G*, appointed from 1 October 2016 until the retiring age and subject to a probationary period of five years.

##### Clinical Lecturer

*Medicine.* Dr Mohammed Zaeem Cader, B.A., M.B.B.Chir., *JN*, MRCPPath, appointed from 29 March 2016 until 28 March 2020 and subject to a probationary period of twelve months.

##### Head of Department

*Continuing Education.* Professor James Gazzard, B.Sc., *Cardiff*, Ph.D., *Nottingham*, M.B.A., *Stirling*, Pg.Cert., *London*, FHEA, appointed from 31 March 2016 until the retiring age and subject to a probationary period of nine months.

##### Senior Assistant Treasurer

*University Offices (Finance Division).* Ms Gillian Susan Armstrong appointed from 4 April 2016 until the retiring age and subject to a probationary period of nine months.

##### Assistant Under-Librarian

*University Library.* Dr James Andrew Freeman, B.A., M.Phil., *CC*, Ph.D., *T*, appointed from 16 May 2016 until the retiring age and subject to a probationary period of nine months.

## REAPPOINTMENTS

**Clinical Lecturers**

*Medicine.* Dr Hoi Ping Mok, *CL*, reappointed from 26 March 2016 until 22 September 2016. Dr Thomas David Thomas, *CHR*, reappointed from 4 March 2016 until 3 March 2018.

## GRANTS OF TITLE

**Affiliated Lecturers**

*Asian and Middle Eastern Studies.* Dr Shana Cohen, *ED*, and Dr Esther Miriam Wagner, *JN*, have been granted the title of Affiliated Lecturer from 1 April 2016 for a further two years.

**AWARDS, ETC.****Dorothy Garrod Memorial Trust**

Applications are invited for the Dorothy Garrod Memorial Trust Fund. The Trust makes grants to young archaeologists intending to carry out fieldwork abroad during the Long Vacation in 2016. Applications for fieldwork within the UK are not eligible.

Applications, giving details of proposed fieldwork and costs, should be made in writing to the Trustees, c/o Graduate Administrator, Division of Archaeology, University of Cambridge, Downing Street, Cambridge, CB2 3DZ; or sent as an attachment via email to [graduate-secretary@arch.cam.ac.uk](mailto:graduate-secretary@arch.cam.ac.uk).

The deadline for applications is 31 May 2016. The exact value of the awards will be calculated following assessment of all eligible applications.

**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 individual Faculty, Department, and institution websites, on the What's On website (<http://www.admin.cam.ac.uk/whatson/>), and on Talks.cam (<http://www.talks.cam.ac.uk/>).

Brief details of upcoming events are given below.

<i>Classics</i>	The J. H. Gray Lectures: <i>Agreeing to differ: consensus, culture, and politics in the Roman empire</i> , by Professor Emma Dench, Harvard University, on 24–26 May 2016	<a href="http://www.classics.cam.ac.uk/research/seminars/special-lectures">http://www.classics.cam.ac.uk/research/seminars/special-lectures</a>
<i>Endellion String Quartet</i>	Haydn, Dvorak, and Mendelssohn, at West Road Concert Hall, at 7.30 p.m. on 18 May 2016	<a href="https://www.cambridgelivetrust.co.uk/tickets/events/endellion-string-quartet-5">https://www.cambridgelivetrust.co.uk/tickets/events/endellion-string-quartet-5</a>
<i>Mongolia and Inner Asia Studies Unit</i>	<i>Reindeer and nomads: departing, arriving, and casting time-shadows</i> , by Piers Vitebsky, at 4.30 p.m. on 10 May 2016, in the Mond Building Seminar Room	<a href="http://innerasiaresearch.org/category/sem/">http://innerasiaresearch.org/category/sem/</a>
<i>Physics</i>	Scott Lecture Series 2016, at 4 p.m. in the Cavendish Laboratory, Department of Physics 16 May: <i>You may find yourself with a beautiful Higgs Boson and six beautiful quarks, and you may ask yourself: 'Well... how did I get here?'</i> 18 May: <i>These are a few of my favourite things: wild geese that fly with the moon on their wings</i> 20 May: <i>What, where,... and how? The future of the LHC and beyond</i>	<a href="http://www.phy.cam.ac.uk/internal_resources/conferences/seminars/scott_seminars">http://www.phy.cam.ac.uk/internal_resources/conferences/seminars/scott_seminars</a>

**REGULATIONS FOR EXAMINATIONS****Economics Tripos***(Statutes and Ordinances, p. 295)***With effect from 1 October 2016**

The General Board, on the recommendation of the Faculty Board for the Faculty of Economics, has approved an amendment to the regulations so as to introduce a new paper in Part IIA entitled ‘History and philosophy of economics’ and a new paper in Part IIB entitled ‘Political economics’, and to amend the names of four existing papers to reflect their content more accurately.

## PART I

By amending the title of Paper 4 to ‘Political and social aspects of economics’.

## PART IIA

By adding Paper 8 entitled ‘History and philosophy of economics’.

## PART IIB

By amending the title of Paper 1 to ‘Microeconomic principles and problems’.

By amending the title of Paper 2 to ‘Macroeconomic principles and problems’.

By amending the title of Paper 6 to ‘Banking and finance’.

By rescinding the suspended Paper 5 ‘Mathematical economics’ and replacing it with a paper entitled ‘Political economics’.

## SUPPLEMENTARY REGULATIONS

By adding the following in Part I:

*Paper 4. Political and social aspects of economics*

This paper considers the influence of political and social factors on economic affairs. It examines how economics and politics are ineluctably intertwined at a theoretical level; of how a full understanding of economics is only possible with an understanding of politics. The role of political and social institutions and their interrelationship with economics is considered. The paper reviews the history of economic and social policy-making in the post-war period in Britain. It examines a variety of influences on policy: the political ideologies that inform the conduct of policy; the domestic and international institutions that provide the context within which policy is formed; the nature of power in government; and the broader social and economic processes that shape the environment in which economic policy is conducted. The paper also examines the relationship between politics and economics in the processes of integration in the European Union.

By adding the following in Part IIA:

*Paper 8. History and philosophy of economics*

The paper is intended to help the students fully appreciate the strengths and weaknesses of the economic theories contained in other courses in the Tripos. It aims to do so by teaching them: (i) the major theoretical innovations and debates that have marked the evolution of economics (history of economics); and (ii) the key issues involved in the assessment of different methods of economic investigation (philosophy of economics).

By adding the following in Part IIB:

*Paper 5. Political economics*

Economic policy varies enormously across time and space. The question that political economics aims at answering is why. It starts from the premise that public policy decisions are shaped by interactions between politicians, voters, and bureaucrats operating within particular institutional structures and under particular economic constraints. The paper engages with political decision-making in democracies (through voting, bargaining, and lobbying); with how democratic and other important institutions emerge; and with how conflict in some contexts replaces orderly political exchange. The paper discusses these themes using simple rational choice models combined with systematic empirical evidence from econometric investigations, field experiments, and case studies from economic and political history.

*Paper 6. Banking and finance*

The paper provides an introduction to banking, financial asset valuation, and its application to corporate decision-making. We will cover current research on the evolving nature of financial intermediation, and issues in the design of financial regulation.

**NOTICES BY FACULTY BOARDS, ETC.****Historical Tripos, 2017: Amendment**

The Faculty Board of History gives notice that it has amended the list of options for Paper 1 of Part I of the Historical Tripos, 2017, as published on 15 July 2015 (*Reporter*, 6394, 2014–15, p. 758), as follows:

By withdrawing the following from the list of Themes and Sources:

- (x) Piracy in world history

The Faculty Board is satisfied that no candidate's preparation for the examination will be adversely affected by this amendment.

**Natural Sciences Tripos, Part II (Biological and Biomedical Sciences), 2016–17: Amendment**

The Faculty Board of Biology gives notice that the following combination of Major and Minor Subjects, additional to, or amending, those previously published (*Reporter*, 6414, 2015–16, p. 353), will be offered in the Natural Sciences Tripos, Part II (Biological and Biomedical Sciences) in 2016–17:

Major Subject	Permissible Minor Subjects	Examination requirements
402 Pathology (A and B)	103 104 105 107 108 109 113 114 116 118 119 120 122 123 124 126	Four written papers of three hours each.
404 Pathology (A and D)	103 104 105 107 108 109 113 114 116 117 118 119 120 122 123 124 126	Four written papers of three hours each.
405 Pathology (B and C)	104 105 107 108 109 111 113 114 116 118 119 120 122 123 124 126	Four written papers of three hours each.
406 Pathology (B and D)	103 104 105 106 107 108 109 111 113 114 116 118 119 120 121 122 123 124 126	Four written papers of three hours each.
407 Pathology (C and D)	104 105 107 108 109 111 113 114 116 117 118 119 120 122 123 124 126	Four written papers of three hours each.
415 Physiology, Development, and Neuroscience (maximum 21 candidates)	122 128 (students may choose additional Minor Subjects that do not have lecture clashes with the PDN modules chosen – please consult the relevant lecture timetables)	Four written papers of three hours each.
424 Pathology (B and E)	103 104 107 108 109 113 114 116 118 122 123 126	Four written papers of three hours each.
426 Pathology (D and E)	103 104 107 108 109 113 114 116 117 118 122 123 126	Four written papers of three hours each.

**REPORTS****Report of the General Board on the establishment of certain Professorships**

The GENERAL BOARD begs leave to report to the University as follows:

1. The General Board recommends the establishments of the Professorship of Nonlinear Mathematical Science, the Professorship of Information and Communications, and the Professorship of Computer Science, as set out in paragraphs 2, 3, and 4 below. The funding arrangements for the Professorships were scrutinized by the Resource Management Committee at its meeting held on 16 March 2016.

2. The Board has accepted an academic case from the Council of the School of the Physical Sciences for the establishment, for a single tenure, of a Professorship of Nonlinear Mathematical Science, from 1 January 2017, in the Department of Applied Mathematics and Theoretical Physics. The full cost of the Professorship will be met by the School of the Physical Sciences from within its recurrent Chest allocation. The Board has agreed that election to the Professorship should be made by an *ad hoc*

Board of Electors and that the candidature should be open without limitation or preference to all persons whose work falls within the general field of the title of the office.

3. The Board has accepted an academic case from the Council of the School of Technology for the establishment of a Professorship of Information and Communications, from 1 September 2016, in the Department of Engineering. The full cost of the Professorship will be met by the School of Technology from within its recurrent Chest allocation. The Board has agreed that election to the Professorship should be made by an *ad hoc* Board of Electors and that the candidature should be open without limitation or preference to all persons whose work falls within the general field of the title of the office.

4. The Board has accepted an academic case from the Council of the School of Technology for the establishment of a Professorship of Computer Science, from 1 October

2016, in the Computer Laboratory. The full cost of the Professorship will be met by the School of Technology from within its recurrent Chest allocation. The Board has agreed that election to the Professorship should be made

by an *ad hoc* Board of Electors and that the candidature should be open without limitation or preference to all persons whose work falls within the general field of the title of the office.

5. The General Board recommends:

I. That a Professorship of Nonlinear Mathematical Science be established in the University, for a single tenure, from 1 January 2017, placed in the Schedule to Special Ordinance C (vii) 1, and assigned to the Department of Applied Mathematics and Theoretical Physics.

II. That a Professorship of Information and Communications be established in the University from 1 September 2016, placed in the Schedule to Special Ordinance C (vii) 1, and assigned to the Department of Engineering.

III. That a Professorship of Computer Science be established in the University from 1 October 2016, placed in the Schedule to Special Ordinance C (vii) 1, and assigned to the Computer Laboratory.

27 April 2016

L. K. BORYSIEWICZ, *Vice-Chancellor*  
CHAD ALLEN  
PHILIP ALLMENDINGER  
ROBERT CASHMAN  
ANNE DAVIS

ABIGAIL FOWDEN  
DAVID GOOD  
A. L. GREER  
PATRICK MAXWELL  
MARTIN MILLETT

RACHAEL PADMAN  
RICHARD PRAGER  
HELEN THOMPSON  
GRAHAM VIRGO  
CHRIS YOUNG

## Report of the General Board on the introduction of a Doctor of Business Degree in the Judge Business School

The GENERAL BOARD begs leave to report to the University as follows:

1. The General Board proposes that a new degree of Doctor of Business, titled the Bus.D., be introduced from October 2017.

2. The proposal has been submitted by the Judge Business School and has the support of the Faculty Board of Business and Management, the Judge Business School Advisory Board, the Council of the School of Technology, the Board of Graduate Studies, and the General Board's Education Committee.

3. The Bus.D. Degree is consistent with Cambridge Judge Business School's long-term strategy and with the University's research impact objectives. The degree will meet an evident demand from highly placed senior executives in business, NGOs, charities, and similar organizations, who are accomplished leaders who have built or run major companies and organizations. It will greatly enhance Cambridge Judge Business School's ability to produce excellent and high-impact research and will support its strategic research objectives, which are based on deep engagement with organizations and their leaders. The programme will also constitute an opportunity for academic staff to develop new theoretical and applied knowledge. The expected global demand for the degree will contribute to further globalization of the Cambridge Judge Business School's research reputation.

4. The academic standard of the degree will be comparable to the Ph.D. and the Bus.D. will have a similar administrative structure. The programme will enable students to become better leaders and to demonstrate an intellectual achievement at the highest level. High-calibre impact-orientated research is of specific relevance to senior experienced members of the management professions. The degree will be relevant to practice, facilitating transformational leadership in organizations. The Bus.D. will also emphasize continuing, life-long education.

5. Other business schools offer practitioner doctoral degrees, among them the D.B.A. (Doctor of Business Administration). However, no school has introduced a degree targeted at individuals with the level of experience at which the Business School is aiming; because of the

small numbers of leaders with significant experience, most other business schools aim to attract the larger pool of early or mid-career individuals. The Bus.D. will be more advanced and more ambitious in impact than other practice-based doctoral programmes, by leveraging the seniority and exceptional experience of its students. This differentiation, coupled with Cambridge's reputation, should make it attractive to the most senior leaders around the world, and market research undertaken by Cambridge Judge Business School indicates that the degree is likely to attract significant interest.

6. The Bus.D. aims to attract a small class of students per year (normally one to two students). Courses will be taught in very small groups and students will receive individual research supervision. All students will, as is the case for other Graduate Students, be members of a College.

7. The programme will last four years. During the first year, students will be resident in Cambridge and the curriculum will comprise three courses covering research methods and relevant literature, each assessed by written coursework. The first two terms will provide training in research methodology at a level that will enable the student to carry out an independent and high-calibre research project as part of the final examination in year 4 and will be tailored to that project. Students will be required to produce a proposal defence in the third term of year 1. This will require candidates to construct a 20-page research plan, assessed by two external examiners. These examiners will, wherever possible, also examine the final dissertation. The proposal defence will involve a presentation to members of the Faculty. The Certificate of Postgraduate Studies will be available to candidates successfully completing the first year requirements but not continuing to the Bus.D.

8. Years 2 to 4 will consist of at least four weeks of residence in Cambridge per year. When not in residence, students will be required to keep in regular contact with supervisors whilst collecting and analysing data in the business environment. As a condition of admission, a letter from the student's employer will be required to give explicit consent to the student undertaking the programme, and to



the student spending appropriate time on the dissertation work. It is expected that over the duration of the Bus.D., the student's total time commitment will be equivalent to the full-time Ph.D. A progress report will be submitted to two external examiners at the end of each of years 2 and 3. Students will be examined in the same way as for the Ph.D. at the end of year 4. The same revise and re-submit recommendations will be available as for the Ph.D. The Bus.D. will be governed by the Degree Committee for the Faculty of Business and Management, and by the Board of Graduate Studies, and will be subject to the Code of Practice for Research Students. Intellectual Property generated in the course of the candidate's research, including copyright in their dissertation, will be subject to the University's standard arrangements.

9. It is anticipated that the Bus.D. dissertation will have a maximal length of 200 pages. If, after considering the reports of the Examiners the Degree Committee consider that a student's work is not of the standard requisite for the Bus.D. Degree, candidates may be approved for the award of the M.Sc. Degree.

10. The Cambridge Judge Business School will apply rigorous quality control standards in operating the new programme. To gain admission, applicants will be required to demonstrate both educational achievement in the form of a Master's degree or equivalent and strong analytical skills, through a substantial interview process and evidence of previous achievements. Following the pattern for Ph.D. applicants, candidates for the Bus.D. will apply with a research proposal, which will be discussed with the potential supervisor prior to the formal submission of an application. The standard to be attained in the choice of research topic will be high, identifying a major business problem to be examined with a sound methodology, and with the potential to lead to an excellent dissertation and subsequent publication.

11. At least two external examiners will be appointed for each candidate. These examiners will assess the candidate on the proposal defence and dissertation. The remainder of the candidate's work will be assessed by senior members of the Faculty as appointed by the Degree Committee. The programme will be subject to review by the General Board as part of the Cambridge Judge Business School teaching portfolio.

12. The administration of the programme will be provided by the Cambridge Judge Business School and students will receive an appropriate range of non-academic support to complement the support offered by the Colleges.

13. The existing full-time Ph.D. Degree would not be appropriate for the target group, because the full-time Ph.D. at the Cambridge Judge Business School is targeted specifically at students with a technical background, who aim for academic careers. In the academic management field, this tends to result in young candidates focusing on methodologies, a trend visible in all top business schools. By contrast, Doctor of Business students will focus more on impact, making pragmatic use of advanced research

methodology, to produce a research dissertation that will affect wider management practice.

14. Whilst most aspects of the Bus.D. programme will be similar to those for the Ph.D., a key structural difference lies in the fact that Doctor of Business students will not be expected to reside in Cambridge during term time, other than as stipulated in paragraphs 7 and 8. The senior leaders who will be the target audiences for the Bus.D. will not expect to take leave from their professional activities for more than one year and will require flexibility in the arrangements for their studies during the period of their independent research. Bus.D. students are expected to spend significant time with their organization in the course of completing the degree. When not in residence, students will be expected to meet regularly with the research supervisor and to demonstrate appropriate progress in the collection and analysis of data. Similarly, a part-time Ph.D. model is not suitable because its methods and pedagogy are modelled on the full-time Ph.D. programme, which is not appropriate for the reasons indicated above, and its duration is designed to allow training in the given context of the chosen field.

15. The degree of Doctor of Business will admit highly experienced candidates who already have advanced writing and presentation skills, understand how to prepare project milestones, and who have already developed the discipline required to work on a project both in and out of residence. Bus.D. students will be experienced managers, with ample project management experience that will enable them to execute independent research projects much more efficiently than the typical part-time Ph.D. student. Further, Ph.D. students in business and management normally spend a significant proportion of time in the field developing an understanding of the industrial and management context of their research. The candidates for the Bus.D. will have gained this experience already, and will be readily able to leverage a superior understanding of their specific industry and managerial context.

16. This structural difference from the existing Ph.D. has implications for the provision of supervision. Supervisors will be expected to be available outside term and offer a level of supervision beyond what is normally expected of a Ph.D. supervisor. Specifically, supervisors will be required to visit the research site to meet their supervisee and to offer personalized methodology training sessions, if required. Supervisors at the Cambridge Judge Business School have an intrinsic research motivation to engage intensively with their Bus.D. supervisees because these executives will give them direct access to organizations at the most senior level, which will benefit their own understanding and research.

17. Providing such intensive teaching and support services would demand substantial resources, and the programme would require an annual fee comparable to the Executive M.B.A. Fees for the first candidates starting in 2017–18 will therefore be £80,000 for the first year (given its strong taught element), and £50,000 for each of years 2 to 4.

18. The General Board recommends:

I. That the degree of Doctor of Business be established with effect from 1 October 2017, with regulations as set out in Annex I of this report.

II. That, if Recommendation I is approved, consequential amendments be made to certain other regulations with effect from 1 October 2017, as set out in Annex II.

27 April 2016

L. K. BORYSIEWICZ, *Vice-Chancellor*  
CHAD ALLEN  
PHILIP ALLMENDINGER  
ROBERT CASHMAN  
ANNE DAVIS

ABIGAIL FOWDEN  
DAVID GOOD  
A. L. GREER  
PATRICK MAXWELL  
MARTIN MILLETT

RACHAEL PADMAN  
RICHARD PRAGER  
HELEN THOMPSON  
GRAHAM VIRGO  
CHRIS YOUNG

## ANNEX I

## DOCTOR OF BUSINESS

1. In order to qualify for the degree of Doctor of Business a candidate shall be required satisfactorily to complete a course of training prescribed for that degree and provide evidence of a significant original contribution to study in the field of business and management.

2. Subject to clauses (a)–(b) below, a Graduate Student registered for the degree of Doctor of Business (Bus.D.) shall pursue in the University, and such other places as the Board of Graduate Studies and the Degree Committee for the Faculty of Business and Management shall determine, a course of training and research under supervision for not less than twelve terms.

The number of terms shall begin with the term from which the student is registered as a candidate for the degree and shall be consecutive except in so far as the student may have been allowed to intermit her or his course under clause (b) below.

(a) The Board, after considering a recommendation by the Degree Committee, may allow a Graduate Student to spend all but three terms of her or his course as a candidate for a degree, or any lesser number of terms, working under supervision outside the University under conditions approved by the Degree Committee and the Board.

(b) On account of illness or other sufficient cause, the Board, after considering a recommendation by the Degree Committee, may allow a Graduate Student to intermit her or his course of research for one or more terms. Such terms shall not count for any purpose of these regulations except as provided in Regulation 7 of the general regulations for admission as a Graduate Student.

Every application for a dispensation under clauses (a)–(b) shall be made in writing to the Secretary of the Board, and shall be accompanied by a written opinion from the applicant's Supervisor.

3. The Board may grant to a Graduate Student, after considering an application supported by the student's Tutor, one or two terms of research towards satisfying the requirements of Regulation 2, on account of illness or other grave cause. For every term so allowed the student shall pay the appropriate fee as prescribed in Regulation 11 of the general regulations for admission as a Graduate Student.

4. In order to be registered as a candidate for the Degree, a Graduate Student must have completed, to the satisfaction of the Board and the Degree Committee, such coursework, undertaken either in the University or at such other place as may have been approved for this purpose, as the Board and Degree Committee may have specified by Notice published not later than the Easter Term next preceding the year in which the coursework is to be undertaken. The coursework will be referred to such Examiners as are appointed by the Degree Committee. An Examiner external to the University shall receive a fee from the Chest of £60 for providing a report on coursework under this regulation.

5. The course of training and research shall be conducted under such supervisory arrangements as the Board and the Degree Committee shall specify. The Board and the Degree Committee shall satisfy themselves that, during the periods when a student is working outside the University, appropriate arrangements for supervision and for reporting on the student's progress are in place.

6. The examination for the degree of Bus.D. shall consist of:

(a) the submission of a dissertation embodying the results of the candidate's approved course of research, which shall be submitted in accordance with the provisions of Regulations 7–9; in place of a dissertation, a candidate may, by special permission of the Board and the Degree Committee, submit a portfolio of work of equivalent length;

(b) an examination, conducted orally, on the subject of the dissertation, and the general field of knowledge within which it falls, provided that in exceptional circumstances, and on the recommendation of the Degree Committee, the Board may dispense with such an examination.

7. A candidate may submit her or his dissertation not earlier than the first day of the term during which he or she expects to complete the requirements of Regulation 2 and not later than the last day of the vacation following the twelfth term after that in which the student was registered as a candidate for the degree, provided that, with the permission of the Board, a dissertation may be submitted later than that day. An allowance of terms made by the Board under Regulation 3 shall count in calculating the standing of a student for the purpose of this regulation.

8. In submitting their dissertations, candidates shall state, generally in a preface and specifically in notes or in a bibliography, the sources from which their information is derived, the extent to which they have availed themselves of the work of others, and the portions of the dissertation which are claimed as original. They shall also be required to declare that the dissertation submitted is not substantially the same as any that they may have submitted for a degree or diploma or similar qualification. The work, apart from quotations,

shall be written in English. The Degree Committee shall specify a maximum length for dissertations for the degree. Candidates will also submit a statement by those responsible for their supervision certifying the conditions under which each candidate's work was undertaken.

**9.** Two copies of each candidate's dissertation, accompanied by the statement referred to in Regulation 8, and three copies of a summary of about 300 words in length, shall be sent to the Secretary of the Board, who shall forward the copies and two copies of the summary to the Secretary of the Degree Committee. In special circumstances the Board, after consulting the Degree Committee, may allow a candidate to submit one copy only of the dissertation. The dissertation shall be referred to two external Examiners, appointed by the Degree Committee. Each Examiner shall make an independent report on it to the Degree Committee. The two Examiners shall jointly conduct the oral examination specified in Regulation 6(b), and shall sign a joint certificate of the result. If the Examiners do not agree in their recommendations or if for any other reason the Degree Committee or the Board needs a further opinion or opinions on the merit of the work submitted, the Degree Committee may appoint an additional Examiner or additional Examiners, provided that not more than one additional Examiner shall be appointed without leave of the Board. Each additional Examiner so appointed shall make an independent report on the dissertation to the Degree Committee.

**10.** If a candidate fails to satisfy the Examiners in the oral examination specified in Regulation 6(b), the Degree Committee may permit the candidate to be re-examined by the same Examiners. Permission so given shall be communicated to the Secretary of the Board and shall not be given on more than one occasion. Each Examiner who takes part in an examination under this regulation shall be paid a fee of £42 in addition to any fees to which he or she may be entitled under Regulation 11, and may also claim travelling expenses in accordance with the provisions of that regulation.

**11.** Each Examiner shall receive a fee from the Chest. Such a fee shall be £135 if the Examiner takes part in the oral examination specified in Regulation 6(b), or £100 if the Examiner does not so take part, either because the Board, on the recommendation of the Degree Committee, has dispensed with the oral examination or for any other reason. Examiners may claim travelling expenses, on terms and conditions specified by the Board if their place of residence is more than ten miles from Great St Mary's Church or if an oral examination or a consultation between the Examiners is for good reason held outside Cambridge. The Board may also approve payment of other reasonable expenses incurred by an Examiner in connection with the execution of her or his duties. A subsistence allowance may be claimed by Examiners at rates determined from time to time by the Finance Committee of the Council, provided that payment may be made only in respect of a day or a night on which the Examiner's absence from her or his normal place of residence in connection with the execution of her or his duties is necessary. The travelling expenses of a candidate who is required to travel to an oral examination outside Cambridge may be paid in whole or in part, at rates determined by the Board; such a candidate may also claim a subsistence allowance at rates determined from time to time by the Finance Committee, under the same conditions as apply to the Examiners.

**12.** If, after considering the reports of the Examiners on the examinations specified in Regulation 6, the Degree Committee is satisfied that the student's work is of the requisite standard for the degree, a recommendation of the Committee to that effect, with the names of those present and voting on either side, shall be communicated to the Board, together with the reports of the Examiners. If the Board, after receiving such communication, at a meeting at which not less than five members are present, resolve that the candidate be approved for the Bus.D. Degree, the Secretary of the Board shall publish a notice of the candidate's approval for the award of the Degree.

**13.** If, after considering the reports of the Examiners, the Degree Committee consider that a student's dissertation is not of the requisite standard for the Bus.D. Degree, the Board may, at a meeting at which no less than five members are present, permit the student to submit a revised dissertation, but they shall not do so unless the Degree Committee has expressly recommended that such permission be given. The communication conveying such a recommendation by a Degree Committee shall contain the names of those present and voting on either side, and shall be accompanied by the reports of the Examiners. A student shall not be allowed to submit a revised dissertation on more than one occasion.

**14.** If, after considering the reports of the Examiners, the Degree Committee consider that a student's work is not of the standard requisite for the Bus.D. Degree, but that it is of the standard requisite for the M.Sc. Degree, its recommendation to that effect, with the names of those present and voting on either side, shall be communicated to the Board, together with the reports of the Examiners. If after receiving such communication the Board decide, at a meeting at which not less than five members are present, that the candidate could properly be approved for the award of the lower degree, the Secretary of the Board shall ask the candidate whether he or she is willing to be approved for the award of the M.Sc. Degree. Subject to the candidate's agreement being received by the Secretary not later than the last day of the term following the term or

vacation in which the decision on her or his candidature was made, the Board shall approve the candidate for the award of that degree and the Secretary shall publish a notice of such approval. The Board may, in exceptional circumstances, which it shall itself determine, accept a candidate's agreement at a later date.

15. The Board shall be the deciding authority on all recommendations communicated to it by Degree Committees that candidates be approved for the award of the Bus.D. or M.Sc. Degree or that they be allowed to submit revised dissertations. The Board shall not approve a candidate for the award of a degree unless the Degree Committee has recommended the award of that degree; before refusing an award so recommended they shall give a representative appointed by the Degree Committee an opportunity of explaining the Committee's reasons for its recommendation.

16. If after considering the reports of the Examiners the Degree Committee resolve that a candidate's work is not of the requisite standard for any degree, and if it does not recommend that the candidate be allowed to submit a revised dissertation, its resolution to that effect, with the names of those present and voting on either side, shall be communicated to the Board, together with the reports of the Examiners. The Secretary of the Board shall communicate this decision to the candidate.

17. Before being admitted to a degree, a student shall deposit with the Secretary of the Board one copy of her or his dissertation and two copies of the summary, in a form approved by the Board. The Secretary shall deposit the copy of the dissertation together with one copy of the summary in the University Library, where they shall be available for consultation and for the making of copies for inter-library loan purposes, unless the Board determine that they shall, for a period specified by the Board, be available only to the author or to those who have the author's written permission to consult the material. The summary shall be available for copying and publication at the discretion of the Board.

## ANNEX II

- (i) By adding 'Doctor of Business' to the list of primary degrees in Section 1 of Special Ordinance B (*Statutes and Ordinances*, p. 72).
- (ii) By adding a reference to the degree of Doctor of Business before the reference to the degree of Doctor of Engineering in the following regulations:
  - Regulation 2(c) of the regulations for the Board of Graduate Studies (*Statutes and Ordinances*, p. 124)
  - Regulations 8(a) and 9 of the regulations for Residence and Precincts of the University (*Statutes and Ordinances*, p. 176)
  - Regulation 4 of the regulations for payments to Examiners and Assessors (*Statutes and Ordinances*, p. 251)
  - Regulations 5(b), 5(g), 6, 7, 8(b), 10(c), 11(a), and 14(b)(ii) of the general regulations for admission as a Graduate Student (*Statutes and Ordinances*, p. 411)
  - Schedule to the regulations for the review of the results of examinations for postgraduate qualifications (*Statutes and Ordinances*, p. 416).
- (iii) By amending the regulations for the Presentation and Admission of Candidates for Degrees as follows:
  - In the regulations for the Forms of Presentation to Degrees (*Statutes and Ordinances*, p. 180) by adding 'Doctor of Business' before the entry for the Doctor of Education
  - By inserting into the Schedule for the Forms of Admission to Degrees (*Statutes and Ordinances*, p. 182) the phrase:
 

For the Bus.D. Degree	Doctoris in Negotiis
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- (iv) By amending the regulations for Academical Dress (*Statutes and Ordinances*, p. 184) as follows:
  - In the regulations for Black Gowns by adding before the entry for the Eng.D. Degree 'Bus.D.: the Ph.D. gown;'
  - In the regulations for Hoods by adding in the first sentence a reference to the Bus.D. before the reference to the Eng.D., and by adding before the entry for the Eng.D. Degree 'Bus.D.: of black corded silk lined with dark green silk, the hood part-lined with scarlet cloth, four inches (10 cm) deep;'
  - In the regulations for Festal Gowns by adding before the entry for the Eng.D. Degree 'Bus.D.: the Ph.D. festal gown;'
  - In Regulation 1 of the regulations for Dress at Graduations by adding a reference to the Bus.D. before the reference to the Eng.D.

## **OBITUARIES**

### **Obituary Notices**

Ms MARY DEZILLE, M.A., of Lucy Cavendish College, Administrative Officer in the Registry's Office of the Unified Administrative Service, died on 2 May 2016, aged 65 years.

Dr JOHN MARKS, M.A., M.D., FRCP, FRCPath, FRCPsych, Life Fellow of Girton College and formerly Director of Studies in Medicine 1977–91, Senior Proctor 1983–4, died on 26 April 2016, aged 92 years.

## **ACTA**

### **Approval of Graces submitted to the Regent House on 20 April 2016**

The Graces submitted to the Regent House on 20 April 2016 (*Reporter*, 6422, 2015–16, p. 476) were approved at 4 p.m. on Friday, 29 April 2016.

J. W. NICHOLLS, *Registry*

**END OF THE OFFICIAL PART OF THE 'REPORTER'**

**COLLEGE NOTICES****Elections***Fitzwilliam College*

Elected into a Fellowship in Class A, with effect from 1 October 2016:

Nicola Katherine Jones, B.A., *CHR.*, M.Phil., Ph.D., *CC*

Elected into a Fellowship in Class B, with effect from 1 October 2016:

Ianthi Maria Tsimpli, B.A., *Athens*, Ph.D., *London*

Elected into a Fellowship in Class C, with effect from 1 October 2016:

Tilman Flock, B.Sc., M.Sc., *Technical University of Munich*

*Hughes Hall*

The following elections have been made:

Elected to a Fellowship in Class C with effect from 2 December 2015:

Professor Gishan Dissanaike, B.A., *Peradeniya, Sri Lanka*, M.Phil., Ph.D., *T*, Adam Smith Professor of Corporate Governance

Professor Paul Tracey, B.A., Ph.D., *Stirling*, Professor of Innovation and Organization and Director of the Centre for Social Innovation in the Judge Business School

Elected to Post-Doctoral Research Associateships, for two years initially from 1 March 2016:

Dr Joanna Bruncker, M.Sci., M.Res., Ph.D., *UCL*, Research Fellow in the Cancer Research UK Cambridge Institute

Dr Céline Labouesse, M.Sc., *ETH Zurich*, Ingénieur Polytechnicien, *École Polytechnic*, Ph.D., *EPF Lausanne*, Research Associate in the Cambridge Stem Cell Institute

Dr Stephen Dolan, B.Sc., Ph.D., *Maynooth*, Research Associate in the Department of Biochemistry

Elected to a Fellowship in Class B for three years initially from 1 April 2016:

Dr Sonia Ilie, B.A., *Jacobs, Bremen*, M.Phil., Ph.D., *Q*, Postdoctoral Research Fellow in the Faculty of Education

Dr Danika Hill, B.Sc., *Adelaide*, Ph.D., *Melbourne*, Postdoctoral Research Scientist in the Babraham Institute

Dr Zinaida Perova, B.Sc., *St Petersburg Polytechnic*, Ph.D., *Cold Spring Harbor*, Marie Curie Fellow in the MRC Laboratory of Molecular Biology

Elected to a Philosophical Society Henslow Fellowship with tenure from 1 October 2016 until 30 September 2019:

Dr Arne Jungwirth, B.Sc., M.Sc., *Bielefeld*, Ph.D., *Bern*

**Vacancies**

*Corpus Christi College*: Non-Stipendiary Research Fellowship 2016; tenure: up to three years from 1 October 2016; any subject; closing date: 27 May 2016; further details: <http://www.corpus.cam.ac.uk/vacancies/academic-vacancies/>

**EXTERNAL NOTICES****University of Oxford**

*Hertford College*: Part-time Chaplain; closing date: 3 June 2016; further details: <http://www.hertford.ox.ac.uk/about/vacancies>

*Oriel College*: Stipendiary Lectureship in Economics; closing date: 20 May 2016; further details: <http://www.oriel.ox.ac.uk/content/academic-vacancies>