

# CAMBRIDGE UNIVERSITY REPORTER

No 6359

WEDNESDAY 8 OCTOBER 2014

VOL CXLV No 3

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UNIVERSITY OF  
CAMBRIDGE

**NOTICES****Calendar**

14 October, *Tuesday*. Discussion at 2 p.m. in the Senate-House (see below).

19 October, *Sunday*. Preacher before the University at 11.15 a.m., The Right Reverend A. Bellenger, *JE*, formerly Abbot of Downside.

20 October, *Monday*. End of first quarter of Michaelmas Term.

25 October, *Saturday*. Congregation of the Regent House at 11 a.m.

**Discussions at 2 p.m.**

14 October

28 October

11 November

25 November

9 December

**Congregations**

25 October, *Saturday at 11 a.m.*

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

**Notice of a Discussion on Tuesday, 14 October 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, 14 October 2014, at 2 p.m. for the discussion of:

1. Report of the Council, dated 15 July 2014, on the implementation of electronic voting in ballots of the Regent House (*Reporter*, 6355, 2013–14, p. 744).
2. Report of the General Board, dated 2 July 2014, on the establishment of the University offices of Lecturer (teaching) and Senior Lecturer (teaching) (*Reporter*, 6355, 2013–14, p. 745).
3. Report of the General Board, dated 2 July 2014, on the establishment or re-establishment of two Professorships in the Department of Clinical Neurosciences (*Reporter*, 6355, 2013–14, p. 747).
4. Report of the General Board, dated 2 July 2014, on the re-establishment of a Professorship of Surgical Oncology (*Reporter*, 6355, 2013–14, p. 748).
5. Report of the General Board, dated 2 July 2014, on certain University offices in the School of Clinical Medicine (*Reporter*, 6355, 2013–14, p. 748).
6. 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).
7. Nineteenth Report of the Board of Scrutiny, dated 9 July 2014 (*Reporter*, 6357, 2014–15, p. 13).
8. Second-stage Report of the Council, dated 1 October 2014, on the replacement and rationalization of facilities covered by the University's Home Office Establishment Licence (*Reporter*, 6358, 2014–15, p. 31).

The Report in this issue (p. 41) will be discussed on 28 October 2014.

**The Leslie Stephen Lecture**

The Vice-Chancellor reminds members of the University that Rosemary Ashton, OBE, Ph.D., FBA, FRSL, of Newnham College, Emeritus Quain Professor of English Language and Literature, University College London, will deliver the next Leslie Stephen Lecture in the Senate-House at 5.30 p.m. on Monday, 17 November 2014.

Professor Ashton will speak on *George Eliot and the difficulty of reaching conclusions*.

This lecture is open to all who are interested and there will be a reception afterwards. Senior members of the University attending should please wear their gowns (black gowns).

**Office of Pro-Vice-Chancellor**

2 October 2014

The Council gives notice that, after consultation with the General Board, and on the recommendation of the Nominating Committee for the appointment and reappointment of Pro-Vice-Chancellors (comprising the Vice-Chancellor as Chair; Professor Frank Kelly, Dr David Good, Professor Shirley Pearce (members of the Council); and Professor Martin Daunton and Professor Robert Kennicutt (members of the General Board)), it has appointed Professor Duncan Maskell, *W*, as Pro-Vice-Chancellor (Planning and Resources) for three years from 1 August 2015, and the Vice-Chancellor has agreed to confer upon him the title of Senior Pro-Vice-Chancellor for that period.

**VACANCIES, APPOINTMENTS, ETC.****Vacancies in the University**

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

**Genzyme Professorship of Neuroimmunology in the Department of Clinical Neurosciences;** the University hopes soon to be in a position to elect to this Professorship; informal enquiries: contact Professor Patrick Maxwell (email [Regius@medschl.cam.ac.uk](mailto:Regius@medschl.cam.ac.uk) or telephone 01223 336738) or Professor Alastair Compston (email [alastair.compston@medschl.cam.ac.uk](mailto:alastair.compston@medschl.cam.ac.uk) or telephone 01223 217091); closing date: 5 November 2014; further particulars: <http://www.admin.cam.ac.uk/offices/academic/secretary/professorships/>; quote reference: ZE04377

**University Lectureship/Senior Lectureship in Computational Neuroscience in the Department of Engineering;** salary: £38,511–£48,743 or £51,702–£54,841; closing date: 28 November 2014; further particulars: <http://www.jobs.cam.ac.uk/job/4848>; quote reference: NM04199

*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.*

**Election**

Professor SUCHETA NADKARNI, B.S., M.Com., *University of Bombay*, Ph.D., *University of Kansas*, Bill Avery Associate Professor of Management, Drexel University, Philadelphia, elected Sinyi Professorship of Chinese Management with effect from 1 October 2014.

**AWARDS, ETC.****Scholarships and Prizes, etc. awarded**

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## Centre of Islamic Studies: Studentships awarded

A list of the names of students awarded scholarships by the Centre of Islamic Studies is available at <http://www.cis.cam.ac.uk/news/post/269-centre-of-islamic-studies-studentships-awarded>.

## 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>Chemical Engineering and Biotechnology</i>	Research seminars, on Wednesdays at 2 p.m. in Lecture Theatre 1; first lecture: <i>Molecular mechanisms of neurodegeneration and therapeutic intervention</i> , by Dr Gabi Kaminski, on 15 October 2014	<a href="http://www.ceb.cam.ac.uk/">http://www.ceb.cam.ac.uk/</a>
<i>History</i>	Trevelyan Lectures 2014: <i>The Black Death and the spread of Europe: plagues, trades, and West Eurasian expansion, 1346–1800</i> , by James Belich, University of Oxford; first lecture: <i>Plague, globalization, and divergence</i> , on 14 October 2014 at 5 p.m., in the Faculty of Law	<a href="http://www.hist.cam.ac.uk/events/trevelyan-lectures-2014">http://www.hist.cam.ac.uk/events/trevelyan-lectures-2014</a>
<i>Land Economy</i>	Denman Lecture: <i>The case for beauty</i> , by Dame Fiona Reynolds, on 27 November 2014 at 6 p.m. in Riley Auditorium, Clare College, followed by drinks and canapé reception	Registration for tickets and further information: <a href="http://www.landecon.cam.ac.uk/events/denman-lecture/denman-lecture-dame-fiona-reynolds">http://www.landecon.cam.ac.uk/events/denman-lecture/denman-lecture-dame-fiona-reynolds</a>

**REGULATIONS FOR EXAMINATIONS****Theological and Religious Studies Tripos, Part IIB***(Statutes and Ordinances, p. 434)***With immediate effect**

Paper C6, Disputed questions in the Christian tradition, has been suspended in 2014–15.

The Faculty Board of Divinity are satisfied that no candidate's preparation for the examination in 2015 will be affected.

**Examination in Micro- and Nanotechnology Enterprise for the M.Phil. Degree***(Statutes and Ordinances, p. 537)***With effect from 1 October 2014**

The regulations for the degree have been amended so as to include elective modules in the notice published in the Easter Term and to change the scheme of examination to remove the requirement to submit no more than eight essays.

Regulation 1.

By amending the text of the regulation so as to read:

1. The Degree Committee for the Faculty of Physics and Chemistry shall publish, not later than the end of the Easter Term each year, a list of not more than fifteen mandatory and elective modules in Micro- and Nanotechnology Enterprise for the examination to be held in the following academical year. In publishing the list of modules the Degree Committee shall announce the form of examination for each module, which shall be an exam, an essay, course-work, or a combination of these.

Regulation 2.

By amending the text of subparagraph (a) to delete the reference to core scientific projects and replace it with topics.

By deleting subparagraph (b) and reclassifying subparagraph (c) as (b), and (d) as (c).

By amending the final sentence to read:

The work submitted under (c) and (d) shall be on a topic or project, respectively, approved by the Degree Committee.

Regulation 3.

By amending the text to refer to Regulation 2(d).

**NOTICES BY FACULTY BOARDS, ETC.****Annual meetings of the Faculties***Divinity*

The Chair of the Faculty Board of Divinity gives notice that the Annual Meeting of the Faculty will be held at 3.15 p.m. on Thursday, 13 November 2014, in the Lightfoot Room of the Divinity Building, West Road. The business to be discussed will include the Chair's report and the election, in accordance with Regulation 1 of the General Regulations for the Constitution of the Faculty Boards (*Statutes and Ordinances*, p. 600), of two members of the Faculty Board to serve for four calendar years in class (c), from 1 January 2015.

Nominations for the posts in class (c) must be seconded, and the consent of the candidate obtained in advance, and should reach the Administrative Officer, Faculty of Divinity, West Road, Cambridge, CB3 9BS, not later than Friday, 31 October 2014. Notice of any other business to be discussed should reach the Administrative Officer by the same date.

*Veterinary Medicine*

The Chair of the Faculty Board of Veterinary Medicine gives notice of a change to the published date of the Annual Meeting of the Faculty, which will now be held at 1 p.m. on Thursday, 20 November 2014 (in place of 19 November 2014), in Lecture Theatre 2 of the Department of Veterinary Medicine, Madingley Road.

## Natural Sciences Tripos, Part II (Biological and Biomedical Sciences), 2014–15

The Faculty Board of Biology give notice that the following combination of Major and Minor subjects, additional to, or amending, those previously published (*Reporter*, 2013–14, 6336, p. 358; 6355, p. 739; and 6356, p. 783), will be offered in the Natural Sciences Tripos, Part II (Biological and Biomedical Sciences) in 2014–15:

### Major Subjects:

Code	Major subject	Permissible Minor subjects	Examination requirements
403	Pathology (A and C)	104 105 107 108 109 113 114 116 117 118 119 120 122 123 124	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	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	Four written papers of three hours each.
408	Pharmacology	104 107 108 109 113 114 115 116 117 119 120 122 123 125 126 127	Four written papers of three hours each.
411	Biochemistry ( <i>maximum seven candidates</i> )	104 108 113 114 122 123	Five written papers: four papers of three hours each and one paper of three and a quarter hours.
412	Plant Sciences (Cellular – M1, M4, L1, L2)	104 105 107 108 109 111 115 116 118 119 122 123 125 126 127	Four written papers of three hours each.
414	Genetics ( <i>maximum ten candidates</i> )	104 105 107 108 113 114 115 116 118 122 123 125 126 127 ( <i>a fifth Genetics module can be taken as a Minor subject</i> )	Four written papers of three hours each.
415	Physiology, Development, and Neuroscience ( <i>maximum 21 candidates</i> )	106 111 121 122 127 ( <i>Minor subject 123 can also be taken if PDN modules P4, P2, and P6 are not taken</i> )	Four written papers of three hours each.
425	Pathology (C and E)	104 107 108 113 114 116 117 118 122 123 124	Four written papers of three hours each.

## FORM AND CONDUCT OF EXAMINATIONS, 2015

### Psychological and Behavioural Sciences Tripos, Part IIA, 2015

The Committee of Management of the Psychological and Behavioural Sciences Tripos give notice that, with effect from the examinations to be held in 2015, the form of the examination for the following papers for Part IIA of the Psychological and Behavioural Sciences Tripos will be as follows:

#### *PBS 3: Social and Developmental Psychology*

The examination will consist of a three-hour written paper, consisting of two sections, A and B: Section A will contain questions pertaining to topic areas within the course on social psychology, Section B on developmental psychology. The following rubric will be used:

Candidates must answer three questions, answering at least one question from each section.

#### *PBS 4: Biological and Cognitive Psychology*

This paper is assessed by Paper 1 of the Natural Sciences Tripos Part IB subject Experimental Psychology.

## REPORTS

### First-stage Report of the Council on the construction of education space and gallery refurbishment at Kettle's Yard

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

1. In this Report the Council is seeking approval in principle for the construction of a new education wing and a major gallery refurbishment at Kettle's Yard as set out below.

2. Kettle's Yard was created by Jim Ede, the Tate Gallery's first curator of modern art. His modern art collection was first housed in four 19th century cottages, which were in a severely dilapidated condition when he bought them in 1956. Extensions to the original cottages, sensitively melding old and new architecture, were added in 1970, 1981, and 1986. These were designed by Leslie Martin and David Owers with the 1994 arcaded extension along Castle Street designed by Bland, Brown & Cole. When Kettle's Yard became part of the University in 1966, the adjoining premises at 4 and 5 Castle Street were acquired, initially with a view to providing a rental income, but with the long-term prospect that they would become part of the Kettle's Yard gallery. These premises were fire-damaged in September 2003 and have remained vacant since then.

3. Kettle's Yard is a Grade II listed building and the work that has been undertaken over the years to establish the gallery has helped to conserve and enhance the building and to secure its long-term future. The adjoining building to the east (formerly 4 and 5 Castle Street) is designated as a 'Building of Local Interest' by the City Council; the building also lies within the City's Central Conservation Area. It is proposed to refurbish these dilapidated properties as part of a proposed expansion of the gallery and the refurbishment will do much to enhance the Conservation Area in townscape terms.

4. A project to construct a new education wing at Kettle's Yard within the footprint of 4 and 5 Castle Street was approved by the University in 2010 (*Reporter*, 6195, 2009–10, p. 1051; 6201, 2010–11, p. 136). This was put on hold, however, and eventually superseded by a larger project also incorporating a significant upgrade to Kettle's Yard's existing gallery space.

5. Developing the premises at 4 and 5 Castle Street will provide two education spaces, one at basement level for practical art activities, and the other at second-floor level for lectures, films, seminars, etc. In addition a project space and archive will be established on the first floor with additional toilet facilities. It is impractical to retain the existing street façade at ground-, first-, and second-floor levels, so the plan is to demolish and rebuild the façade. Planning permission for this was obtained as part of the education wing project. The existing interior will be totally replaced to a new design by Jamie Fobert Architects. The

new space will link up with the proposed gallery spaces on the ground floor.

6. The existing gallery spaces will be reconfigured to create two contemporary galleries. Gallery 1 (situated along Castle Street) will utilize the existing flat above to create a double height gallery. The existing flat on the second floor will be adapted to become the new office and meeting room for Kettle's Yard. The existing office space will become a small café and the existing education space will become the new shop. The existing floor level of this space will be raised to match the floor level of the entrance space, where a welcome desk will be situated. A new glazed screen is proposed to provide one point of entrance and exit from the courtyard.

7. The project will be carried out in one phase and will create 454m<sup>2</sup> of new accommodation and will reconfigure 634m<sup>2</sup> of existing accommodation.

8. The estimated project cost is £7.5m. To date Kettle's Yard has confirmed funding towards the project of £3,206,511, including an award of £1,969,702 from the Heritage Lottery Fund. An application has been submitted to Arts Council England for funding of £3.5m. This is a two-stage application process; Kettle's Yard has successfully passed stage one and will submit its stage two application in November 2014. A decision is anticipated in March 2015. The balance of the funding required to proceed with the project will be sought primarily from Trusts and Foundations as part of a renewed fundraising campaign, launched on 1 October 2014.

9. The Planning and Resources Committee, at their meeting on 25 June 2014, approved the Full Case for the proposed development, subject to a successful bid to Arts Council England. The increase in running costs for the extended facilities has been incorporated into the business plan and it is a requirement of the Committee that sufficient funds are raised, in addition to the capital requirements, to create an endowment to cover these additional recurrent costs.

10. Further details relating to the design, maintenance, recurrent costs, and funding arrangements will be brought to future meetings of the Buildings Committee and the Planning and Resources Committee. A Second-stage Report will be published in due course to gain approval for implementation of the project.

11. Drawings of the proposed scheme are displayed for the information of the University in the Schools Arcade. A site plan is shown below.

12. The Council recommends:

I. That approval in principle be given for the construction of a new education wing and a major gallery refurbishment at Kettle's Yard as set out in this Report.

II. That the Director of Estate Strategy be authorized to apply for detailed planning approval in due course.

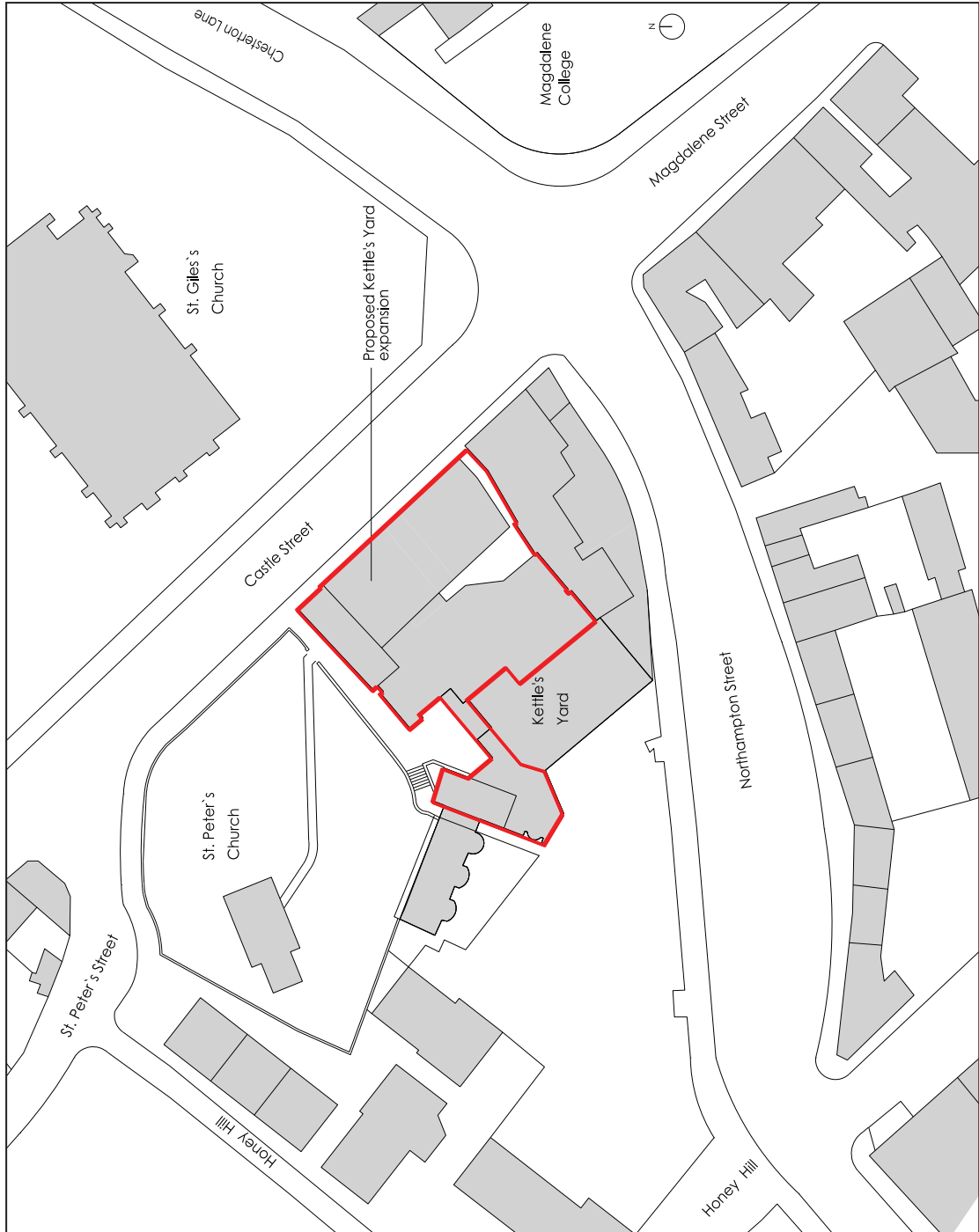
7 October 2014

L. K. BORYSIEWICZ, *Vice-Chancellor*  
N. BAMPOS  
JEREMY CADDICK  
STEPHEN J. COWLEY  
ANNE DAVIS  
DAVID GOOD  
HELEN HOOGEWERF-MCCOMB  
ANDY HOPPER

RICHARD JONES  
FIONA KARET  
F. P. KELLY  
MARK LEWISOHN  
REBECCA LINGWOOD  
MAVIS McDONALD  
SUSAN OOSTHUIZEN

RACHAEL PADMAN  
SHIRLEY PEARCE  
JOHN SHAKESHAFT  
JEAN THOMAS  
EVIANNE VAN GIJN  
I. H. WHITE  
A. D. YATES

**Site plan: Kettle's Yard proposed expansion**





**ACTA****Congregation of the Regent House on 1 October 2014**

A Congregation of the Regent House was held in the Senate-House. Before the Congregation, the Vice-Chancellor delivered the following address to the University:

**Preface**

I begin by celebrating the contributions of those who have finished terms of service to Collegiate Cambridge over the past year.

Five senior colleagues have stepped down in the last academical year as Heads of House:

Professor Tony Badger as Master of Clare College

Professor Martin Daunton as Master of Trinity Hall

Professor Paul Luzio as Master of St Edmund's College

Mrs Sarah Squire as President of Hughes Hall

Professor Sir David Wallace as Master of Churchill College

I am particularly grateful for the wise counsel and commitment of Professor Badger and Mrs Squire who also served as Deputy Vice-Chancellors, in tandem with their College offices.

Two senior colleagues in the Old Schools have stepped down in the last academical year:

Professor John Rallison as Pro-Vice-Chancellor for Education

Mr Indi Seehra as Director of Human Resources

We thank them all warmly for their past service, and wish them and their successors well.

With sadness and respect, we remember Dr Krisztina Hegyi, Professor William Fitzgerald, Mr Graham Sharp, Mr Christopher Marshall, and Mr Jason Dance. Their loss will be keenly felt, even as their memory will endure.

**Responsibility**

We have just recognized the tragic loss of staff members who died in service this year. Their loss to the University, and more importantly to their families and friends, is incalculable. But in this of all years we also remember the 2,470 members of the University, who made the ultimate sacrifice through their service in the Great War, and whose names are recorded for posterity on memorials in the Colleges and the City. We respect their individual sacrifice and recognize their sense of responsibility to the values of the early 20th century. The sheer scale of the loss was staggering.

As we look around the world today, be it to the Middle East or Ukraine, we can be forgiven for asking whether we have learned anything from these events. Many Cambridge scholars lead the way in trying to learn the lessons of history; among them, for example, is our new Regius Professor of History, Christopher Clark, who argues in his recent prize-winning monograph, *The Sleepwalkers*, that no nation really meant to wage the First World War, but each sleepwalked into it. This cataclysmic event heralded key social changes in this University and the country. For the University, this included changes in how it was funded, the status of women (although another global conflict would occur before Cambridge finally admitted women to full membership), and our relationship with the City of Cambridge, our region, Europe, and the world.

The search for understanding the cause and effect of things has underpinned the 800-year history of the University. I say this not out of egotism or pride. It is born out of our desire and our responsibility to contribute to society – a responsibility rooted in our mission. Last year, I stated that we had earned the freedom to choose how we develop, and started a discussion on to what extent and how the University should grow. That debate has involved all parts of the Collegiate University and will help set our direction for the next ten years.

This year, I would like to focus on what we have done with that freedom granted to us by society; that is how we address the responsibility to others that comes with that freedom.

In October 1943 at the height of the Second World War, Churchill received an Honorary Degree from Harvard University and he gave an inspiring speech. He told his listeners:

“The price of greatness is responsibility.”

His message then was to people and nations at war. But those words speak to us now as we face up to the responsibilities of our University today.

Our responsibilities lie deep and wide. At the forefront, education has to take pride of place. We have evolved a Collegiate approach which has stood the test of time. Our 31 Colleges provide a unique environment, encouraging direct interaction between scholar and supervisor, fostering interdisciplinarity in a way that most of our competitor universities envy, and providing a human scale for students in a broad and complex institution. It is no surprise, therefore, that Cambridge has just been described as the best British university at making students feel at home. While the Collegiate model may be rooted in history, I would argue it is ideally suited to deliver the personalized education that may characterize universities in the future. Frankly, I would argue that if we did not already have the Collegiate system we would need to invent it today!

But our responsibility to education starts much earlier than at university. We are fortunate to have an internationally leading group of researchers in the Faculty of Education. Some of their research points very compellingly to the fact that inequalities in education and attainment start at a very early age – indeed, some may be evident by the age of three! This year, the University has undertaken two key new initiatives. Firstly, together with the Faculty, we bid for and were awarded funding for a University of Cambridge Primary School in North West Cambridge. This will be a working school,

which will deliver excellent, inclusive education to young children in Cambridge. But it will also become one of the network of schools in the region which work with our Faculty of Education to train new teachers. On graduation, many of our P.G.C.E. students take up teaching posts in these schools – making a personal contribution to children in our region. Research carried out at the school in partnership with our academics will improve understanding of teaching and learning throughout the UK, and through the Faculty's international links the best practice identified here will be shared with practitioners across the world.

Secondly, we are participating in a University Technical College, sponsored by our colleagues in Cambridge University Health Partners. This will give young people an early experience of the work of the research institutes, companies, and healthcare providers in Cambridge, helping them build careers in the biomedical and environmental sciences. I am delighted that the entry for this year is already full. These initiatives grab headlines but I remain absolutely convinced that our major contribution in the long term has to be an unswerving commitment to sustain the quality of future teachers and educational systems both in the UK and worldwide, and I am confident that researchers in the Faculty, in part through a projected new centre focusing on educational excellence for all, with particular concern for the poorest countries, will continue to be international leaders in delivering our responsibility in this area.

Like other institutions in the higher education sector, we have a responsibility to advance equality and diversity in our University. Last week we heard the fantastic news that the University has been given an Athena SWAN Silver award, one of only five universities in the country to hold such an award, which recognizes good employment practice for women working in STEMM (Science, Technology, Engineering, Mathematics, and Medicine) subjects.

We also take seriously our responsibility to make Cambridge as accessible as possible to potential undergraduates. Our access work aims to ensure that anyone with the ability and commitment to succeed here is encouraged to apply – and knows that their application will be considered thoroughly and fairly. The Collegiate University has successfully established a wide range of initiatives which work throughout the UK, such as HE+. We are rightly proud of the impact of these achievements. But we recognize that we cannot do this alone, nor will we compromise on the academic qualities required of potential undergraduates. As I wrote in our prospectus:

“...we are confident that the education we offer is truly accessible to all with the academic ability and potential to succeed here. There is no ‘right background’ for Cambridge, no right school to have attended, no hidden test of social and economic circumstances. Quite simply, if you have the ability, the enthusiasm, and the motivation to study here, then we want to hear from you.”

During this year, we have strengthened our ties with the City and County. Most important for the long term has been our engagement with the City Deal. This deal, which was agreed with government, will help Greater Cambridge to maintain and grow its status as a prosperous economic area by improving transport links, speeding up the development of new homes, creating thousands of new jobs, and forging new arrangements for joint decision-making between local councils. It is no surprise that Cambridge has been described as a model to other areas of Britain.

As a university, we have absolute confidence in our capacity to continue to deliver high-quality research and innovation. But to ensure our long-term competitiveness – and to allow us to make the contributions I have described – it is essential that we address our ability to recruit world-class staff and students. Many of the problems we face in recruitment require us to focus on issues of accommodation, transport, and schools. North West Cambridge takes care of some of these needs but the City Deal enables us to work alongside colleagues in the councils to develop a wider regional solution.

Such ventures will also sustain our ability to deliver on our responsibility to the region and the nation through discovery, entrepreneurship, economic growth, and local employment. The 1,500-plus technology companies based here, the 57,000 people employed by them, and the revenues of more than £13 billion a year they produce, are testament to the contribution our freedom allows – and impels us – to make to the economic and social well-being of our region and nation.

And through this contribution we change the lives of individuals. This year a great example of how Cambridge research makes a difference is the approval of Alemtuzumab by the National Institute for Health and Care Excellence for use in people with relapsing-remitting multiple sclerosis following clinical trials of the drug, co-ordinated by the Department of Neurology. Alemtuzumab affects the natural history of the disorder, reducing disease activity but also limiting the accumulation of further disability over time – to my knowledge the first medication to do so.

Our responsibility is not just to those who can access such care. Our responsibility – and commitment – is global, and in particular to those in poorer parts of the world. Our Cambridge in Africa programme involves more than 100 academics and staff collaborating with or mentoring African researchers. This engagement is not new. In the past two years, the Cambridge-Africa Partnership for Research Excellence (CAPREx), funded by the Carnegie Corporation and Isaac Newton Trust, has supported 40 visiting African Fellows, and the Alborada Cambridge-Africa Research Fund has initiated 66 partnerships across all academic disciplines in 11 African countries.

These programmes have helped to embed a generation of top African researchers based in Africa, and to build a research culture that can address African and global problems. The University of Cambridge was also one of the founding partners of the African Institute for Mathematical Sciences, set up in Cape Town in 2003 as a centre for postgraduate training and research across Africa. Operating as a partnership between African and international universities, the Institute brings in outstanding international and African lecturers to teach three-week courses and helps talented students from all over the continent develop their advanced mathematical skills. So far, 731 students – over a third of them women – from 41 African countries have graduated from Institute centres in South Africa, Senegal, Ghana, and Cameroon. Most go on to Master's and Ph.D. programmes at top universities in Africa and abroad, before moving on to bolster African universities, research centres, government, and industry. We have now embarked on a new initiative, an international forum for science in Africa – the Next Einstein Forum – of which I have been asked to be the Founding Patron. The Forum has the dual goal of promoting African science on a global platform and highlighting the essential role of science in the continent's development.

Another great example is Cambridge's leading role in the Square Kilometre Array radio-astronomy project, with detectors based in Australia and South Africa but data analysis conducted in the UK. This is a data-intensive task and in order to ensure that scientists in southern Africa have the opportunity to develop skills in this area we, working with the Southern African Development Community (SADC), are taking our four-year-old High-Performance Computer and separating it into eight machines which will be used for the development and training of a new generation of researchers. The arrival of these computers will act as a catalyst for high-performance computing in southern Africa, which could dramatically improve, for example, in-country research into agriculture, HIV/AIDS, weather pattern modelling, and the mining of those countries' natural resources.

These are examples of leadership shown by academics who are supported by the University. The responsibility of leading debate into new ideas and helping shape policy is one that we also embrace. But we are clear that our contribution is for the common good and not driven by self-interest. We do not have a 'party line'. Our academics are free to advise, challenge, and support policy-makers. This principle is of particular importance as we enter a year in which the turbulence of national politics will take centre stage. Our objective is to be a trusted and politically impartial adviser on matters of policy. However, we will speak out on issues that have significance for the University's future and when we believe our ability to contribute most effectively to society is at risk. But we will continue to do this in a measured, selective way. In the past year, for example, I have spoken publicly on issues related to immigration, A levels, and the problems of modern languages. Cambridge will not be a 'rent a quote' institution with a comment on every issue in the public domain! But whatever the challenges the year brings, Collegiate Cambridge will face them with a clear awareness of its responsibilities.

Our key requirements for maintaining our enviable international competitiveness in the future in order to fulfil our responsibilities remain the same as always:

- The right people
- The right environment
- The right financing

People – staff and students – are the bedrock of any university and that is why the commitment to Collegiate Cambridge is vital. Although numbers of undergraduate students will not expand, we will need to grow our postgraduate and postdoctoral numbers, alongside an expansion of staff numbers.

To secure the individuals of quality we need, we must continue to provide the right academic and physical environment alongside the social needs I have already referred to. I believe that it is vital that Cambridge enables a 'bottom-up' approach to support individual endeavour in research while continuing to enable interdisciplinary thematic groupings to arise from their initiation by individual investigators. However, all our major competitors are developing world-class facilities so that academics can be best supported in their chosen studies. We have already embarked on an ambitious capital programme to provide new facilities for the Cambridge Conservation Initiative, the Chemical Engineering and Biotechnology Department, and the Maxwell Centre as well as to fund numerous developments on the Addenbrooke's Campus, often in partnership, such as the construction of the Cardio-Respiratory Research Centre with the new Papworth Hospital. However, as large as it is, our current capital programme is smaller than those of our global competitors and needs further investment.

From where and how is this investment in people and facilities going to come? How can we ensure sustainable funding for the ambitious programmes that we must pursue if we are to deliver on our responsibilities? Let me do a little crystal ball gazing. With the financial pressures of the economic downturn still evident it is unlikely that we can look to the UK government for any substantial and much-needed expansion of research funding. There has been a welcome government commitment to capital infrastructure development and we will take advantage of that where possible. Similarly, the charities continue to provide valuable resources as do the European Union and other overseas agencies. However, our academics already exploit these diverse sources – so where can further growth occur?

Philanthropy always has been, and always will be, a cornerstone of the University of Cambridge. As our philanthropic partners, donors share our sense of responsibility and commitment to society. Their generosity and engagement enables us to fulfil our historic purpose, to contribute to society. If we are to achieve our shared ambitions – as we must do to live up to our responsibilities to the world – we cannot depend simply on government or institutional funding. The problems the world faces in education, security, food supply, climate change, health, and energy supply are complex, vast, and urgent. These challenges are what drive our imperative duty to ensure we remain at the forefront of academic activity in education and research. These challenges are why we need to focus our efforts to support our staff, to expand recruitment of postgraduate students, to develop our facilities and, most importantly, to support the research programmes that seek to produce 'change that matters' – not just in the UK but globally. And these challenges are why we must develop and grow our ability to attract philanthropic funding now and in the future.

To finish, let me return to the conclusion of Churchill's speech at Harvard that was couched in language that would have been instantly meaningful to those from Cambridge who gave their lives in the conflagration of the First World War. It calls all of us to recognize our responsibilities and resonates still to our purpose as a university today. I quote:

"Let us rise to the full level of our duty and of our opportunity, and let us thank God for the spiritual rewards He has granted for all forms of valiant and faithful service."

**Election of the Proctors and Deputy Proctors and admission of Pro-Proctors for 2014–15**

JONATHAN MICHAEL HOLMES, of Queens' College, and RICHARD KEITH TAPLIN, of Downing College, retired from the office of Proctor, and delivered the insignia of their office to the Vice-Chancellor.

DAVID ANTHONY WOODMAN, of Robinson College, and HUGH DAVID SHILSON-THOMAS, of Selwyn College, were elected to the office of Proctor for the year 2014–15, were admitted to that office by the Vice-Chancellor, and received from him the insignia of their office.

ANDREW GRAHAM BELL, of Gonville and Caius College, and DAVID JOHN GOODE, of Wolfson College, were admitted to the office of Pro-Proctor for the year 2014–15.

JONATHAN MICHAEL HOLMES, of Queens' College, and RICHARD KEITH TAPLIN, of Downing College, were elected to the office of Deputy Proctor for the year 2014–15, and made their public declaration in accordance with Statute C IV 3.

**Approval of Graces submitted to the Regent House on 24 September 2014**

The Graces submitted to the Regent House on 24 September 2014 (*Reporter*, 6357, 2014–15, p. 21) were approved at 4 p.m. on Friday, 3 October 2014.

J. W. NICHOLLS, *Registrar*

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

## COLLEGE NOTICES

### Vacancies

*Churchill College, Fitzwilliam College, Murray Edwards College, Selwyn College, St Edmund's College, and Trinity Hall:* The six Colleges invite applications for eleven Junior Research Fellowships; tenure: normally for three years, from 1 October 2015; closing date: 16 November 2014; further particulars and registration details: <http://www.chu.cam.ac.uk/applying/fellows/jrf/>

*Corpus Christi College:* One Hong Kong Link Research Fellowship/College Lectureship in Law; tenure: from 1 October 2015; closing date: 13 November 2014; further particulars: <http://www.corpus.cam.ac.uk/fellowship/research-fellowship-hong-kong-link/>

*Darwin College:* Research Fellowships available:  
Schlumberger Research Fellowship; tenure: from 1 October 2015; candidates' research interests may be in Chemistry, Physics, Geophysics, Mathematics, Engineering (including Chemical Engineering), Biosciences, and Materials Science; closing date: 13 November 2014

Non-stipendiary Research Fellowships; tenure: from 1 October 2015; without limitation of subject; closing date: 13 November 2014

Adrian Research Fellowship in 'Darwin and the Humanities' (stipendiary); tenure: from 1 October 2015; closing date: 27 November 2014

Moses and Mary Finley Research Fellowship (stipendiary); tenure: from 1 October 2015; candidates' research interest must be in the field of ancient history; closing date: 20 November 2014

Further details and information on how to apply for all fellowships: <http://www.dar.cam.ac.uk/research-fellowships/> or contact the College Registrar, Janet Gibson, Darwin College, Cambridge, CB3 9EU (email [jj323@cam.ac.uk](mailto:jj323@cam.ac.uk))

*Magdalene College:* Two stipendiary Research Fellowships; tenure: three years from 1 October 2015; the Nevile Fellowship, endowed through the generosity of Trinity College, will be in the Sciences; the Lumley Fellowship, endowed through the generosity of H. R. L. Lumley, will be in the Humanities; current gross stipend (2014–15): £21,165; closing date: 17 November 2014 at 12 noon; further particulars: <http://www.magd.cam.ac.uk>

*Wolfson College:* Junior Research Fellowships under Title BI; up to ten, non-stipendiary with dining privileges and annual research allowance; without limit of subject; tenure: one year, and may be renewed for a further two years; closing date: 28 October 2014, at midnight; further particulars: <http://www.wolfson.cam.ac.uk/applying/jrf/>

### Elections

#### *Newnham College*

The following elections and appointments have been made:

Elected into a Fellowship in Category A with effect from 1 October 2014, and appointed Bursar:

Jenny Raine, B.Sc., *York*

Elected into an Honorary Fellowship with effect from 23 June 2014:

Patricia Simpson, Ph.D., FRS, *Paris VI*

#### *Selwyn College*

The following elections have been made:

Elected to a Fellowship in Class B for five years with effect from 12 March 2014:

Chander Kathir Velu, B.Sc., *Southampton*, M.Phil., *DAR*

Elected to a Fellowship in Class A and appointed Development Director for three years with effect from 1 September 2014:

Michael Grant Nicholson, B.A., *Aberystwyth*

Elected to a Fellowship in Class D, the Keasbey Research Fellowship in American Studies, for three years with effect from 1 October 2014:

Emily Jane Charnock, B.A., *Oxford*, M.A., *American University, Washington*, Ph.D., *Virginia*

The following have been elected into Fellowships in Class A with effect from 1 October 2014:

Marta Halina, B.S., B.A., *Minnesota*, Ph.D., *California, San Diego*

Bryan Stanley Cameron, B.A., *Indiana*, M.A., Ph.D., *Pennsylvania*

Filipe Carreira da Silva, B.A., *ISCTE*, M.Phil., *Lisbon*, Ph.D., *ED*

Lauren Beth Wilcox, B.A., *Macalester College, St Paul*, M.Sc., *LSE*, Ph.D., *Minnesota*

Anita Christine Briginshaw, Ph.D., *CHU*

Alan David Howard, M.A., M.Phil., *SE*, Ph.D., *KCL*

Elected to a Bye-Fellowship in Biological Sciences for one year:

Paul Elliott, M.A., Ph.D., *CL*

#### *Trinity Hall*

The Governing Body of Trinity Hall has elected the following into Fellowships with effect from 1 October 2014:

Elected into a Staff Fellowship (Class B) in History:

Dr Nicholas Guyatt, M.Phil., *EM*, Ph.D. *Princeton, USA*

Elected into an Honorary Fellowship:

Professor David James Thouless FRS, B.A., *TH*, Ph.D., *Cornell, USA*



**SOCIETIES, ETC.****Cambridge Philosophical Society**

The Society's Larmor Lecture will take place at 6 p.m. on Monday, 13 October 2014, in the Bristol-Myers Squibb Lecture Theatre, Department of Chemistry, Lensfield Road. Professor Leslie Valiant FRS, T. Jefferson Coolidge Professor of Computer Science and Applied Mathematics, Harvard University, will give a lecture entitled *The computational universe*. Further details are available at <http://www.cambridgephilosophicalsociety.org/lectures.shtml>.

**Friends of Cambridge University Library**

A meeting of the Friends of Cambridge University Library will be held on Wednesday, 15 October 2014, at 5.30 p.m., in the Milstein Seminar Rooms, University Library, West Road, at which Philomena Guillebaud will give a talk entitled *The forgotten war hospital*. Further details are available at <http://www.lib.cam.ac.uk/friends/programme.html>.

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

*Merton College*: Senior Tutor/Senior Academic Registrar; salary: £44,620–£59,914; closing date: 1 November 2014; further particulars: <http://www.merton.ox.ac.uk/vacancies/index.shtml>

**Woolf Institute, Cambridge**

*PR internship*: hours and length of the internship will be flexible and suited to the needs of the intern; all expenses will be paid by the Institute, including meals and transportation; further information: <http://www.woolf.cam.ac.uk/news/detail.asp?ItemID=839>

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](mailto: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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