

# CAMBRIDGE UNIVERSITY REPORTER

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UNIVERSITY OF  
CAMBRIDGE

## NOTICES

### Calendar

- 21 July, *Friday*. Congregation of the Regent House at 9.30 a.m. in Great St Mary's, the University Church (see below).  
 22 July, *Saturday*. Congregation of the Regent House at 9.30 a.m. in Great St Mary's, the University Church (see below).  
 25 July, *Tuesday*. Discussion by videoconference at 2 p.m. (see below).  
 26 July, *Wednesday*. Last ordinary issue of the *Reporter* in the 2022–23 academic year.

### Discussion on Tuesday, 25 July 2023

The Vice-Chancellor invites members of the Regent House, University and College employees, registered students and others qualified under the regulations for Discussions (*Statutes and Ordinances*, p. 111) to attend a Discussion by **videoconference** on Tuesday, 25 July 2023 at 2 p.m. The following items will be discussed:

1. Report of the Council, dated 12 July 2023, on the demolition of derelict buildings on the North West Cambridge Estate (p. 847).
2. Report of the Council, dated 12 July 2023, on the establishment of an office of Chief Financial Officer (p. 849).

Those wishing to join the Discussion by videoconference should email [UniversityDraftsman@admin.cam.ac.uk](mailto:UniversityDraftsman@admin.cam.ac.uk) from their University email account, providing their CRSid (if a member of the collegiate University), by 10 a.m. on the date of the Discussion to receive joining instructions. Alternatively contributors may email their remarks to [contact@proctors.cam.ac.uk](mailto:contact@proctors.cam.ac.uk), copying [ReporterEditor@admin.cam.ac.uk](mailto:ReporterEditor@admin.cam.ac.uk), by no later than 10 a.m. on the day of the Discussion for reading out by the Proctors,<sup>1</sup> or may ask someone else who is attending to read the remarks on their behalf.

In accordance with the regulations for Discussions, the Chair of the Board of Scrutiny or any ten members of the Regent House<sup>2</sup> may request that the Council arrange for one or more of the items listed for discussion to be discussed in person (usually in the Senate-House). Requests should be made to the Registry, on paper or by email to [UniversityDraftsman@admin.cam.ac.uk](mailto:UniversityDraftsman@admin.cam.ac.uk) from addresses within the [cam.ac.uk](http://cam.ac.uk) domain, by no later than 9 a.m. on the day of the Discussion. Any changes to the Discussion schedule will be confirmed in the *Reporter* at the earliest opportunity.

General information on Discussions is provided on the University Governance site at <https://www.governance.cam.ac.uk/governance/decision-making/discussions/>.

<sup>1</sup> Any comments sent by email should please begin with the name and title of the contributor as they wish it to be read out and include at the start a note of any College and/or Departmental affiliations held.

<sup>2</sup> <https://www.scrutiny.cam.ac.uk/> and [https://www.admin.cam.ac.uk/reporter/regent\\_house\\_roll/](https://www.admin.cam.ac.uk/reporter/regent_house_roll/).

### Congregations of the Regent House on 21 and 22 July 2023

The Vice-Chancellor gives notice that the Congregations called for 21 and 22 July 2023 at 10 a.m. will now start at **9.30 a.m. in Great St Mary's, the University Church**, for the submission of supplicats and Graces under Statute B II 2.

The Congregations will then be adjourned and **continue in the Senate-House from 10 a.m.**

### Report of the Council on the introduction of electronic voting in elections and other votes of the Senate: Notice in response to Discussion remarks

10 July 2023

The Council has received the remarks made at the Discussion on 20 June 2023 concerning the above Report (*Reporter*, 2022–23: 6703, p. 715; 6706, p. 807).

Mr Taylor and Dr Skittrall welcome the proposal to introduce electronic voting in votes of the Senate. Professor Evans, Mr Taylor, Mr Humbles and Dr Skittrall note the scale of the task to enable members of the Senate to vote online. Dr Skittrall suggests that there is no longer a single definitive roll of electors and highlights the risk of voter fraud. Mr Humbles reminds members of the University that the in-house system originally planned for use in votes of the Regent House had to be set aside. Professor Evans reports on an issue identified in the recent election of the Professor of Poetry at the University of Oxford. Mr Taylor hopes that communication with alumni will be more extensive than it was in connection with the election of the Chancellor in 2011. The Council does not underestimate the challenges involved. The List of Members is still published and records with an asterisk those who hold membership of the Senate. However, this is only a list, and the University does not hold up-to-date contact information for all graduates. There will be no system build required, as the plan is for online voting to be outsourced to Civica, which, as Mr Taylor notes, has experience of handling similar large-scale votes. There will be a piece of preparatory work, making use of existing lines of communication with alumni to engage with members of the Senate and draw attention to the registration process in advance of any vote taking place. These same lines of communication would be utilised to announce an election.

Mr Humbles is concerned that the final arrangements for the registration of voters will ‘simply be announced by Notice’ ahead of a specific vote. Dr Skittrall also has concerns about leaving the voting arrangements in the hands of the Vice-Chancellor. The Council notes that the existing in-person arrangements for votes of the Senate are determined by the Vice-Chancellor and, on the few occasions that an election has taken place, these arrangements have run smoothly. It does not consider it appropriate to put details of an operational process in Ordinance. In practice, only those who have registered will be able to vote by that means. Should this Report’s proposals be approved, the Council has already committed to publishing details of the plans for a registration process. It will do so in the Michaelmas Term 2023, and will invite comments on those plans, in the expectation of finalising that process ahead of its use in any vote of the Senate.

The Council notes the words of caution from Mr Moss about enabling voting by a larger electorate who may not care as much about the institutional importance of the offices elected by the Senate. It acknowledges the risk of ‘mischievous or bad actors’ that he identifies, but this is a risk common to any open nomination process, including the process currently used for elections of the Senate. That risk is mitigated by the need to meet a threshold for the support of each valid nomination; at present, at least 50 members of the Senate must support a nomination for it to be accepted. A clear description of the duties of the role concerned, the requirement for nominees to have consented to being nominated, and the existence of a candidate put forward by the Nomination Board are also likely to discourage less serious nominations. Adding an additional step to introduce a right of veto – for example, to give authority to the Nomination Board to approve nominations or formally to accept the result of an election – is the only certain way to prevent a prank nominee from being elected. It would wish to consult with the Senate before introducing such a measure.

The Council notes Professor Edwards’ strong support for various additional proposals concerning Senate procedures, including removal of the Nomination Board (also supported by Mr Taylor), removal of the use of the Single Transferable Vote system for counting votes, and involvement of the Proctors as scrutineers during votes of the Senate. It also notes Professor Edwards’ frustration at the delay in considering these matters. The Council will consult more widely in the Michaelmas Term 2023, with a view to publishing a Report responding to these additional proposals, and any other matters relating to Senate procedures. However, for now, it wishes to focus on the introduction of electronic voting in votes of the Senate, as proposed in this Report.

The Council is submitting a Grace to the Senate (Grace 1, p. 849) for the approval of the recommendations of this Report.

## **Joint Report of the Council and the General Board on the allowance and exemption of terms for certain postgraduate research and postgraduate taught students: Notice in response to Discussion remarks**

*10 July 2023*

The Council has received the remarks made on the above Report at the Discussion on 27 June 2023 (*Reporter*, 2022–23: 6704, p. 745; 6707, p. 835). It has consulted with the General Board in drafting this response.

Professor Evans remarks on the acceptability of the professional doctorate in Cambridge and the small number of entrants (two) on the most recently approved professional doctorate, the Doctor of Business. To date, one student has successfully completed the programme leading to the degree of Doctor of Business and another three students are currently registered. The Doctor of Education, another professional doctorate, which has been offered since 2011, currently has 38 students registered with another 30 having successfully completed.

Professor Evans raises a concern about the residence requirements for doctoral degrees. The Ordinance for Residence and Precincts of the University<sup>1</sup> requires Ph.D. students to keep at least three terms of residence. The current General Board Regulations for the degrees of Doctor of Philosophy, Master of Science, Master of Letters and Master of Philosophy by Thesis<sup>2</sup> also refer to an expectation of three terms of residence in Cambridge: the Regulations allow the General Board to (i) permit a student to spend all but three terms of their full-time course working under supervision outside of the University; and (ii) grant an allowance. The regulation changes proposed in the Report do not alter any requirement or expectation that students spend three terms of residence in Cambridge.

The concerns about the degrees of incorporation are not relevant to the proposals in this Report as they relate to historical arrangements with two specific institutions. In making these recommendations neither the Council nor the General Board is making any comment on the equivalence of Cambridge degrees with those of other higher education institutions. However, the mere fact that the University admits a large number of postgraduate students who have completed their undergraduate study at other institutions gives credence to the possibility of gaining equivalent skills and experience elsewhere. The inequality referred to in the Report relates to the current arrangements of granting an allowance in respect of work carried out in the University prior to matriculation or of permitting Cambridge students an exemption of research terms because of their previous research. These create a privilege for those who have previous experience within the University.

The Council is submitting a Grace to the Regent House (Grace 1, p. 850) for the approval of the recommendations of this Report.

<sup>1</sup> *Statutes and Ordinances*, p. 178.

<sup>2</sup> *Statutes and Ordinances*, p. 502.

## **Report of the General Board on the outcomes of the Academic Career Pathways (Research & Teaching) and (Teaching & Scholarship) 2023 exercises: Notice in response to Discussion remarks**

10 July 2023

The Council has received the remarks made on the above Report at the Discussion on 27 June 2023 (*Reporter*, 2022–23: 6704, p. 745; 6707, p. 836). It has consulted with the General Board in drafting this response.

Dr Astle asks whether any of the offices that the Report proposes to establish will be held co-terminously with another role or will be for a fixed term, and whether this information can be published in the future. The Council can confirm that all six of the Clinical Professorships proposed in the Report would be held co-terminously with an honorary clinical contract. This is in line with the expectations of the Report establishing the office of Clinical Professor (*Reporter*, 6646, 2021–22, p. 256). The reason for making the office co-terminous with the honorary clinical contract is because, without an honorary clinical contract, those officeholders cannot work as clinical academics at the University. None of the proposed Clinical Professorships to be established will be supported by external funding, nor is any of them being established for a fixed period. Where an existing role is externally funded, that arrangement will continue, as the funding for the currently held role transfers to the new appointment on promotion. The Report already notes in Recommendation IV that for one person the period of appointment would be to the end of their current appointment. The General Board is content to include similar information in Reports on the outcome of such exercises in the future.

The Council is submitting a Grace to the Regent House (Grace 2, p. 850) for the approval of the recommendations of this Report.

### **Revised committee arrangements for resources**

10 July 2023

The Council recently published revised arrangements and terms of reference for committees overseeing resource planning and the operational estate (*Reporter*, 6704, 2022–23, p. 723). The Council and the General Board have since agreed to make a change to the arrangements for chairing the Planning and Resources Committee (PRC), to ensure that one person does not chair both the PRC and the Finance Committee. It has therefore agreed to revise the wording of paragraph 14(a) of the terms of reference for the Planning and Resources Committee, concerning the appointment of the PRC Chair, to read as follows:

- (a) the Vice-Chancellor, or a duly appointed deputy, as Chair, provided that the Chair shall not also be the Chair of the Finance Committee;

### **Stipends of the holders of NHS Agenda for Change paid roles within the University**

10 July 2023

Agreement has been reached on the salary arrangements for NHS Agenda for Change<sup>1</sup> paid staff with effect from 1 April 2023. Following a special NHS Staff Council meeting that took place on 16 March 2023, the government confirmed to the Agenda for Change (AfC) trade unions and employers the details of a revised pay offer for 2022–23 and a proposal for a headline recurrent pay award uplift for 2023–24. On 2 May 2023, the NHS Staff Council accepted the pay offer made by the government for Agenda for Change staff in England. The increase, from 1 April 2023, is 5% on the scale points for those on the Agenda for Change pay scales. The total number of employees currently on the Agenda for Change pay scales is 14. The pay award will be backdated to 1 April 2023.

In accordance with the principle that the remuneration of Agenda for Change staff in Cambridge should be broadly comparable with that of equivalent staff in other UK medical schools, the General Board has agreed to approve revised stipends and scales of stipends for Agenda for Change staff in Cambridge.

The figures currently shown in the University's HR system CHRIS (2022–23 rates) are replaced with effect from 1 April 2023 and are as follows:

*Band 6:*

£35,392 by two increments to £42,618

*Band 7:*

£43,742 by two increments to £50,056

*Band 8a:*

£50,952 by one increment to £57,349

*Band 8b:*

£58,972 by one increment to £68,525

*Band 8d:*

£83,571 by one increment to £96,376

<sup>1</sup> The main pay system for staff in the NHS, except doctors, dentists and senior managers. Abbreviated to AfC and also known as NHS Terms and Conditions of Service.

## VACANCIES, APPOINTMENTS, ETC.

### Election

The following election has been made:

Professor REGINA GRAFE, M.Sc., Ph.D., *London School of Economics and Political Science*, Professor in Early Modern History, European University Institute, elected Professor of Economic History (1928) with effect from 1 January 2024.

### Vacancies in the University

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

**Assistant / Associate Professorship (Honorary Consultant) in Palliative Care in the Department of Public Health and Primary Care**; salary: £88,364–£119,133; informal enquiries: Professor Steve Morris (email: [sm2428@medschl.cam.ac.uk](mailto:sm2428@medschl.cam.ac.uk)) and Dr Anna Spathis (email: [aos10@medschl.cam.ac.uk](mailto:aos10@medschl.cam.ac.uk)) both of the Primary Care Unit, and Dr Ben Clark (email: [ben.clark1@nhs.net](mailto:ben.clark1@nhs.net)) of CUH NHS Foundation Trust; closing date: 14 August 2023; further details: <https://www.jobs.cam.ac.uk/job/41890/>; quote reference: RH37553

**Assistant / Associate Professorship of Primary and Community Care in the Department of Public Health and Primary Care**; salary: £88,364–£119,133; informal enquiries: Dr Urvashi Ramphul (email: [urvashi.ramphul@perrettlaver.com](mailto:urvashi.ramphul@perrettlaver.com)); closing date: 14 August 2023 at 9 a.m.; further details: <https://candidates.perrettlaver.com/vacancies>, job reference 6604, and <https://www.jobs.cam.ac.uk/job/41891>

*The University actively supports equality, diversity and inclusion and encourages applications from all sections of society.*

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

## REGULATIONS FOR EXAMINATIONS

### Computer Science Tripos

*(Statutes and Ordinances, p. 307)*

#### With effect from 1 October 2023

The General Board, on the recommendation of the Faculty Board of Computer Science and Technology, has approved the amendment of the regulations for the Computer Science Tripos to standardise the deadlines by which the Head of Department will issue notice of the papers available within the course, as follows:

#### Regulation 8

By replacing, in the list of papers, the text ‘Units of assessment as determined from time to time by the Faculty Board in accordance with Regulation 18’ with ‘Part II Modules as determined from time to time by the Faculty Board in accordance with Regulation 17’.

#### Regulation 9.

By replacing the existing text of Regulation 9 with the following:

**9. (a)** For Parts IA, IB and II the Head of Department shall announce by Notice, not later than the end of Easter Term preceding the examination, the mode of examination for each paper and Part II Module.

**(b)** For Part III the Head of Department shall announce by Notice, not later than the final meeting of the Faculty Board of Computer Science and Technology in the Easter Term preceding the examination, the mode of examination for each Part III Module.

#### Regulation 10.

By removing Regulation 10, renumbering the subsequent regulations and updating affected cross-references.

Existing Regulations 12, 13, 15, 16, 18 (renumbered 11, 12, 14, 15, 17).

By replacing the text of regulations so they read as follows:

**[11.]** A candidate for Part IA shall submit practical coursework as prescribed in Regulation 12, and shall offer Papers 1, 2, and 3 of the Computer Science Tripos.

**[12.]** A candidate for Part IA shall submit to the Head of Department all practical coursework. The Head of Department shall announce by Notice, not later than the start of the Michaelmas Term next preceding the examination, the nature of the laboratory work to be undertaken and the dates by which, and the manner in which, the results of such work are to be presented. The Examiners shall be provided by the Head of Department with assessments of the work submitted by each candidate, and shall take these assessments into account when assigning marks for the examination.

[14.] A candidate for Part Ib shall submit practical coursework as prescribed in Regulation 15, and shall offer Papers 4, 5, 6, and 7 of the Computer Science Tripos.

[15.] A candidate for Part Ib shall submit all practical coursework. The Head of Department shall announce by Notice, not later than the start of the Michaelmas Term next preceding the examination the nature of the laboratory work to be undertaken and the dates by which, and the manner in which, the results of such work are to be presented. The Examiners shall be provided by the Head of Department with assessments of the work submitted by each candidate, and shall take these assessments into account when assigning marks for the examination.

[17.] A candidate for Part II shall submit a dissertation as prescribed in Regulation 19, and shall offer Papers 8 and 9 and two Part II Modules as specified by Notice of the Head of Department not later than the end of the Easter Term preceding the examination.

New Regulation 18.

By inserting a new regulation as Regulation 18, to read as follows:

**18.** For papers or Part II Modules to be examined wholly or partly by coursework, the Head of Department shall announce by Notice, not later than the start of the Michaelmas Term next preceding the examination, the nature of the work to be undertaken and the dates by which, and the manner in which, the results of such work are to be presented.

Regulation 21.

By replacing the existing text of the regulation with the following (retaining the footnote):

**21.** A student who has obtained honours in Part II of the Computer Science Tripos may be a candidate for honours in Part III in the year after so obtaining honours, provided that the student:

- (a) has kept ten terms and that fifteen complete terms have not passed after their first term of residence;
- (b) has attained a satisfactory standard, as defined by the Faculty Board, in previous honours examinations;
- (c) has not proceeded to the B.A. Degree.

A Student who has obtained honours in any other Tripos may be a candidate for honours in Part III in the year after so obtaining honours, provided that the student:

- (d) meets all the requirements listed above; and
- (e) satisfies the Faculty Board that they have sufficient background knowledge to attempt the examination.

Regulation 22.

By replacing the existing text of the regulation with the following:

**22.** A candidate for honours in Part III of the Computer Science Tripos shall offer a combination of modules for examination as follows:

- (a) five modules selected from a list published by the Head of Department which may include written papers, group work, essays, projects and demonstrations of research training;
- (b) an independent research project of not more than 12,000 words in length, on a subject approved by the Head of Department which shall be worth four modules.

New Regulations 23 and 24.

By inserting two new regulations as Regulations 23 and 24 to read as follows, and renumbering existing Regulation 23 as Regulation 25:

**23.** The list of modules shall be published by the Head of Department not later than the Faculty Board's final meeting of the academic year preceding that in which the examination is to be held, provided that the Head of Department shall have power to give notice of additional optional modules not later than the end of Michaelmas Term. In publishing the list of modules and additional modules, the Head of Department shall announce the form of examination for each module, which shall be a written paper, coursework or equivalent exercises approved by the Head of Department, or a combination of these. A candidate may not offer a module already offered under Regulation 17.

**24.** The examination may include, at the discretion of the Examiners, an oral examination on the work submitted by the candidate under Regulation 22, and on the general field of knowledge within which such work falls.



## Engineering Tripos

(*Statutes and Ordinances*, p. 325)

### With effect from 1 October 2022

The General Board, on the recommendation of the Faculty Board of Engineering, has approved the amendment of the regulations for the Engineering Tripos to allow Examiners to use their discretion to offer re-assessment for the purposes of accreditation, as follows:

New Regulation 6.

By adding the text below as a new Regulation 6 in the general section of the regulations (i.e., before the Part IA heading), renumbering existing Regulation 6 and all subsequent regulations, and updating affected cross-references:

6. If at the first attempt a candidate in any Part fails to satisfy the Examiners in one or more components of examination which are required for professional accreditation but achieves marks overall that would otherwise qualify them for honours in that Part, the candidate shall at the discretion of the Examiners be eligible for re-assessment for accreditation purposes in the relevant component or components under conditions set by the Faculty Board, taking those components separately or together. Re-assessment shall not affect the mark in that Part, which will remain unchanged.

## Natural Sciences Tripos (History and Philosophy of Science)

(*Statutes and Ordinances*, p. 415 and p. 427)

### With effect from 1 October 2023

The General Board, on the recommendation of the Committee of Management for the Natural Sciences Tripos, has approved amendments to the scheme of examination in History and Philosophy of Science for Part III of the Natural Sciences Tripos, as follows:

Regulation 36.

By amending the examination requirements for History and Philosophy of Science so they read as follows:

*History and Philosophy of Science.* Each candidate shall offer

- (a) two short essays, each of not more than 2,500 words, excluding bibliography, each from a list of topics drawn from those covered by the lectures;
- (b) two research papers of not more than 5,000 words including footnotes but excluding bibliography;
- (c) a dissertation, of not more than 12,000 words including footnotes but excluding appendices and bibliography.

All pieces of work must be approved by the Board of History and Philosophy of Science. Materials strictly relevant to the argument of the essay or dissertation may be footnoted or appended for the information of the Examiners, with such materials not contributing to the word count. Materials falling into this category may include primary source materials that are not readily accessible, translations, questionnaire responses, statistical tables, descriptions of objects and analytical bibliographies.

The list of short essay titles, from which candidates will choose two titles from a list of at least ten, shall be issued by the Head of the Department of History and Philosophy of Science shortly after the division of Lent Term and students will have one week in which to prepare the two essays for submission to the Examiners.

The title of each research paper, which must be on a different topic from all other pieces of work offered by the candidate, shall be approved by the Board of History and Philosophy of Science. Research Paper 1 shall be submitted not later than the seventh Monday of Full Michaelmas Term and Research Paper 2 shall be submitted not later than the seventh Monday of Full Lent Term.

The title of the dissertation and supervisor shall be approved by the Board of History and Philosophy of Science at its meeting in the second half of Lent Term. The dissertation shall be submitted at the beginning of the final week of Full Easter Term.

## Biological Sciences for the M.Phil. Degree

**With effect from 1 October 2023**

The General Board, on the recommendation of the Faculty Board of Biology, has approved Biological Sciences as a subject for examination for the degree of Master of Philosophy by advanced study with effect from 1 October 2023. Special regulations for the degree have been approved as follows:

### BIOLOGICAL SCIENCES

1. The scheme of examination for the one-year course of study in Biological Sciences for the degree of Master of Philosophy shall consist of:

- (a) an assessment of research skills, falling within one of the pathways specified at the end of this regulation, which shall take the form either of a written paper or of an essay or of another exercise, the details of which shall be announced by the Degree Committee for the Faculty of Biology no later than the end of the Easter Term preceding the examination; and
- (b) an essay on a topic chosen by the candidate, subject to the approval of the Degree Committee, and not exceeding 5,000 words in length, excluding tables, figure legends, footnotes, appendices and bibliography; and
- (c) a report on the research project chosen by the candidate, subject to the approval of the Degree Committee, and not exceeding 10,000 words in length, including tables, figure legends, footnotes and appendices but excluding bibliography.

2. The examination shall include an oral examination on the work submitted by the candidate under Regulation 1(c), the general field of knowledge within which such work falls and, at the discretion of the examiners, the other pieces of work submitted towards the degree.

### PATHWAYS

Biomolecular science	Developmental biology
Cell science	Infection biology and molecular immunology
Crop science	Reproduction and embryogenesis

## Polar Studies for the M.Phil. Degree

*(Statutes and Ordinances, p. 541)*

**With effect from 1 October 2023**

The General Board, on the recommendation of the Faculty Board of Earth Sciences and Geography, has approved amendments to the special regulations for the examination in Polar Studies for the degree of Master of Philosophy by advanced study to reduce the number of assignments and to introduce a formal assessment of the students' presentation of their dissertation proposals.

By amending sub-paragraph (b), and inserting a new sub-paragraph (c), to read as follows:

- (b) two assignments, each of about 4,000 words in length, chosen from a list of topics approved by the Degree Committee;

*and*

- (c) a presentation of a dissertation proposal on a subject approved by the Degree Committee.

## Therapeutic Sciences for the M.Phil. Degree

*(Statutes and Ordinances, p. 546)*

**With effect from 1 October 2023**

The General Board, on the recommendation of the Faculty Board of Biology following consultation with its Degree Committee, has approved the request to suspend the examination in Therapeutic Sciences for the degree of Master of Philosophy by advanced study with effect from 1 October 2023 for two years. A footnote will be added to the special regulations noting the suspension.



**NOTICES BY FACULTY BOARDS, ETC.****Advanced Computer Science for the M.Phil. Degree: Modules**

The Degree Committee for the Faculty of Computer Science and Technology gives notice that for the examination in Advanced Computer Science for the degree of Master of Philosophy by advanced study (*Statutes and Ordinances*, p. 515) the modules available in 2023–24 and the form of examination of each module shall be as follows:

**Number Title and mode of assessment – coursework (c), written test (t)***Michaelmas Term 2023*

L352	Advanced graphics and image processing (c)
R265	Advanced topics in computer architecture (c)
R277	Advanced topics in programming languages (c)
L308	Basic category theory for computer science (c and t)
R209	Computer security: Principles and foundations (c)
L314	Digital signal processing (c and t)
L98	Introduction to computational semantics (c)
L95	Introduction to natural language syntax and parsing (c)
L50	Introduction to networking and systems measurements (c)
R244	Large-scale data processing and optimisation (c)
L48	Machine learning and the physical world (c)
L101	Machine learning for language processing (c)
L335	Machine visual perception (c)
R269	Mobile, wearable systems and machine learning (c)
L304	Multicore semantics and programming (c)
R02	Network architectures (c)
L90	Overview of natural language processing (c)
P342	Practical research in human-centred AI (c)
L46	Principles of machine learning systems (c)

*Lent Term 2024*

L341	Advanced operating systems (c)
L118	Advanced topics in category theory (c)
R01	Advanced topics in computer systems (c)
R255	Advanced topics in machine learning (c)
L44	Affective computing (c)
R254	Cybercrime (c)
L99	Discourse and pragmatics (c)
L47	Distributed ledger technologies: Foundations and applications (c)
L361	Federated learning: Theory and practice (c)
L65	Geometric deep learning (c)
L349	Mobile health (c)
S501	Special topic (Lent) (varied)
R225	Theories of socio-digital design for human-centred AI (c)
R252	Theory of deep learning (c)
L15	Topics in logic and complexity (c and t)
P56	Understanding networked-systems performance (c)

*Easter Term 2024*

No modules offered currently in Easter Term 2024

Further details can be found by following the appropriate links from <https://www.cl.cam.ac.uk/teaching/current/acs.html> and <https://www.cst.cam.ac.uk/teaching/masters/>.

The Degree Committee for the Faculty of Computer Science and Technology gives notice of the form of the evaluation of the Research Skills programme for 2023–24. Students must accumulate a minimum of twelve credits from core and optional units. The mode of delivery and work required for each unit will vary. Students will be required to submit a virtual Research Skills logbook which records the units attended and provides evidence of the work completed for each unit.

The Degree Committee for the Faculty of Computer Science and Technology reserves the right to withdraw any module should fewer than five students enrolled on the M.Phil. in Advanced Computer Science elect to study them. To satisfy timetabling, resourcing, or other constraints, the Faculty Board may impose a cap on the numbers of students from any particular course who may take a particular module. A student may not offer more than one Special Topic. Candidates for Part III of the Computer Science Tripos may not offer a Special Topic.

## Computational Biology for the M.Phil. Degree: Modules

The Degree Committee for the Faculty of Mathematics gives notice that for the examination in Computational Biology for the degree of Master of Philosophy by advanced study (*Statutes and Ordinances*, p. 521) the modules to be offered in 2023–24 and their methods of assessment are as set out below. Candidates for the degree must offer all modules for examination unless otherwise stated:

Term offered	Module and abbreviation
<i>Michaelmas</i>	Genomics I (G1) Deep learning (DL) Scientific programming (SP) Genome sequence analysis (half module) (GSA)
<i>Lent</i>	Genomics II (G2) Population genetics (PG) BioDesign (BD) Biological image analysis (half module) (BI)
<i>Easter</i>	Systems biology (SB)

Each module for this course is assessed by no more than three coursework assignments, each involving an element of computational or theoretical work. The expected maximum submission length for each piece of work is twenty pages, excluding any appendices.

In addition to the offered modules, students sit a two-hour general examination in the Easter Term on the material taught within the modules.

Students are also required to complete an internship project which is assessed by a report of no more than 15,000 words and a presentation.

The weighting for the examination in Computational Biology is out of 12, divided as follows: each module is weighted at 1, and half modules at 0.5, meaning a total weighting of 8 for the modules. The general examination is weighted at 1. The internship project is weighted at a total of 3, with 2.5 for the project report and 0.5 for the presentation.

## Scientific Computing for the M.Phil. Degree

The Degree Committee for the Faculty of Physics and Chemistry gives notice that for the examination in Scientific Computing for the degree of Master of Philosophy by advanced study (*Statutes and Ordinances*, p. 543) the form of examination in 2023–24 will be as follows:

Type	Description and credit
Written examination	Minimum of three papers, two-hour written examination (25%)
Written assignments	Two written assignments, each of 3,000–5,000 words (25%)
Project reports	Two 7,500-word project reports, marked individually, of equal weight of 25% each (50%)

### Modules examined by means of written examination

These modules take place in Michaelmas Term 2023 and cover two research streams: atomistic (A) and continuum (C).

Candidates are required to attend all examinable modules related to their chosen stream, and should choose a minimum of three papers for examination; the written examination mark will be the average of the three highest marks attained. These will each be examined by a two-hour written examination. Paper 1 will consist of four questions, of which candidates will be required to answer all. Papers 2–9 will consist of three questions, of which candidates will be required to answer two.

Module	Paper and stream
Electronic structure	Paper 1 (A)
Atomistic modelling of materials	Paper 2 (A)
Introduction to topological materials	Paper 3 (A)
Numerical methods for compressible fluid dynamics	Paper 4 (C)
Numerical methods for incompressible fluid dynamics	Paper 5 (C)
Simulation of matter under extreme conditions	Paper 6 (C)
Simulation of complex incompressible and low-strain rate phenomena	Paper 7 (C)
Multiphysics modelling for four states of matter	Paper 8 (C)
Advanced atomistic simulation techniques	Paper 9 (A)

Paper 2: Atomistic modelling of materials and Paper 9: Advanced atomistic simulation techniques will require the use of a calculator.

**Modules examined by written assignments and project reports**

The course offers a number of modules whose content is essential to the completion of the written assignments and research project. These are examinable by means of two written assignments, and two project reports. Candidates should attend all the modules which are relevant to their research stream. The modules offered may vary each year, and may be withdrawn if necessary due to unforeseeable circumstances and/or lack of resources. The course may also introduce additional modules at short notice, on topics which are relevant to the candidates' study requirements.

The modules examined by written assignments and project reports which the course plans to offer for this academic year will take place in Michaelmas and Lent Terms, and are as follows:

Foundation course in QM and solid state physics (A)

Scientific programming in C++ (A, C)

Advanced computational algorithms for PDEs (C)

Foundation course for the continuum modules (C)

Research computing (A, C)

Programming with GPUs/CUDA (A, C)

Open MP (A, C)

Message passing interface (A, C)

Data visualisation techniques (A, C)

Adaptive mesh refinement (C)

Advanced research computing (A, C)

**REPORTS****Report of the Council on the demolition of derelict buildings on the North West Cambridge Estate**

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

1. The building at 181a Huntingdon Road has been unused since 2003. It was previously leased as laboratories to Bioteca Technology Limited. Planning permission for demolition was given as part of the outline application for North West Cambridge in 2013.

2. The Agronomy Building has been unused since 2019. It was previously leased to NIAB, following the transfer to NIAB of the University's former Agronomy Unit around 2012. Planning permission for demolition was given in April 2023.

3. Drawings showing the location of these buildings are provided below (p. 848).

4. The buildings are in a state of disrepair. The building at 181a Huntingdon Road has been fenced off but there have nonetheless been several incidents of intrusion and anti-social behaviour.

5. The cost of demolition is estimated at £430k and will be met from the Minor Works Fund.

**6. The Council recommends:**

- I. That approval be given for the demolition of the building at 181a Huntingdon Road and the Agronomy Building.
- II. That the Pro-Vice-Chancellor for Strategy and Planning, on the advice of the Director of Estates, be authorised to accept a tender for the demolition and associated works in due course.

*12 July 2023*

DEBORAH PRENTICE  
*Vice-Chancellor*

ZOE ADAMS

MADELEINE ATKINS

GAENOR BAGLEY

SAM CARLING

ANTHONY DAVENPORT

JOHN DIX

SHARON FLOOD

HEATHER HANCOCK

LOUISE JOY

ANN KAMINSKI

FERGUS KIRMAN

SCOTT MANDELBROTE

SHARON PEACOCK

VAREESH PRATAP

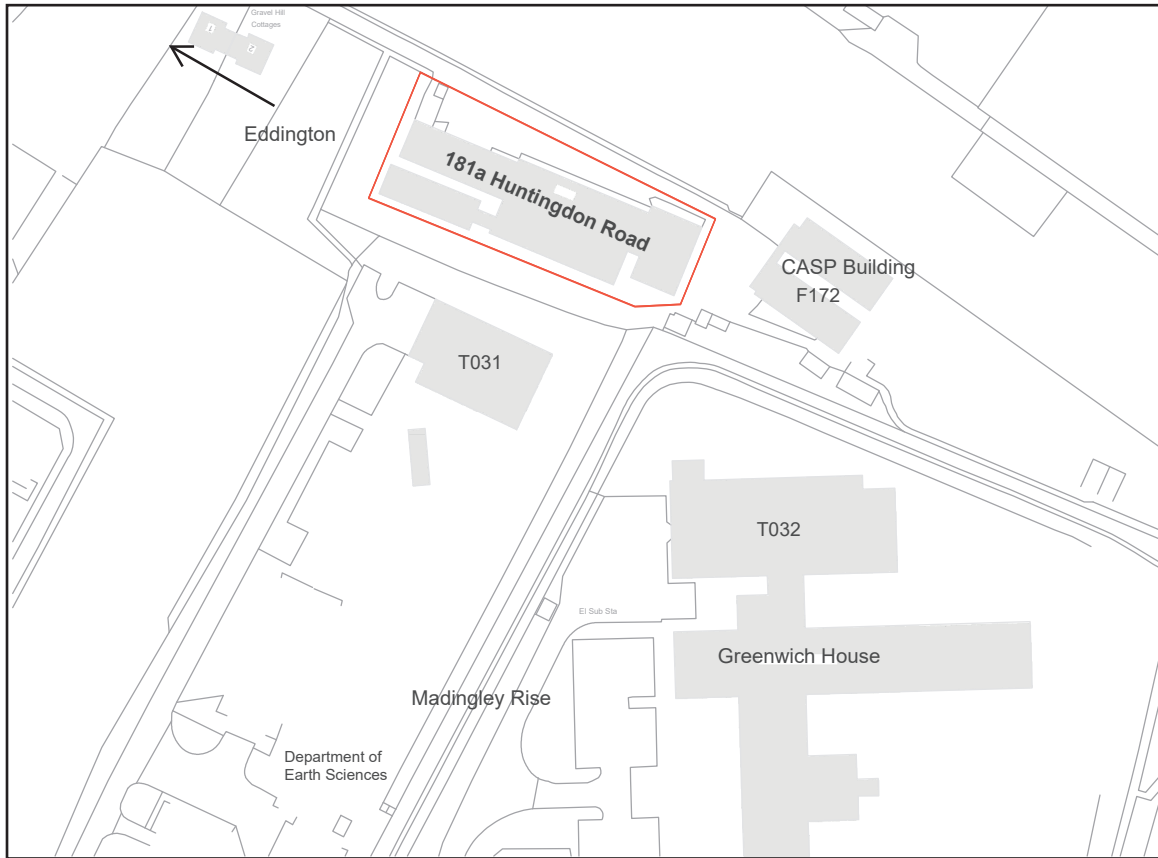
PIPPA ROGERSON

ANDREW WATHEY

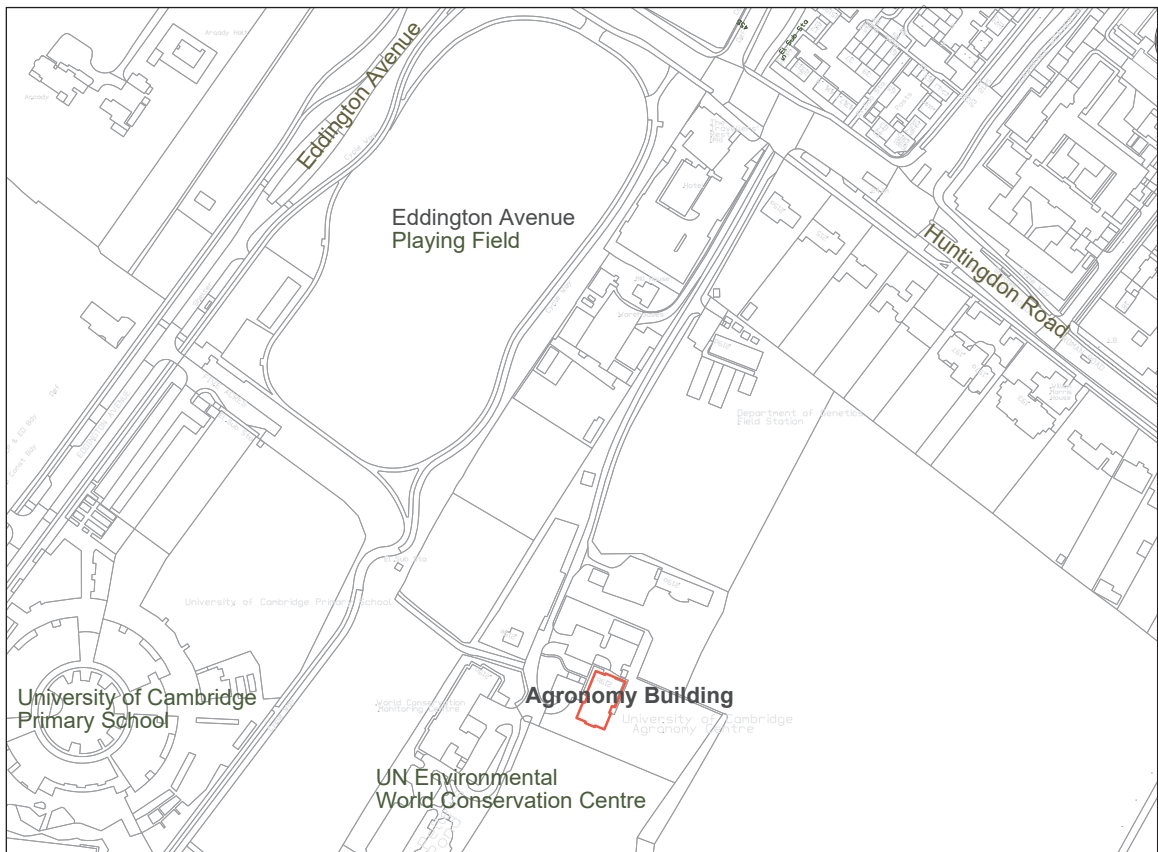
MICHAEL SEWELL

PIETER VAN HOUTEN

**Location plan: 181a Huntingdon Road**



**Location plan: The Agronomy Building**



## Report of the Council on the establishment of an office of Chief Financial Officer

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

1. This Report proposes that the role of Chief Financial Officer (CFO) be established as a University office.

2. In January 2017, the Council made the first appointment to a new post of Chief Financial Officer (*Reporter*, 6452, 2016–17, p. 323). This was a new role that had been created in response to a recommendation in the second report of the North West Cambridge Audit Group (*Reporter*, 6421, 2015–16, p. 442). In that report, it had been suggested that there should be a role with ‘overarching financial and strategic responsibility for large commercial undertakings across the University’. The CFO works under the direction of the Council and reports to the Vice-Chancellor, and works closely with other senior officers. The roleholder is responsible for overseeing the financial and trading activities of the University group and for ensuring the group’s financial health and sustainability. The CFO leads on the design and execution of a financial strategy to support the University’s mission and objectives, and develops and implements responses to major financial and business challenges and opportunities. The CFO’s focus is on the University’s portfolio of assets, with each of the principal operating divisions of the University group continuing to manage its own day-to-day financial operations and reporting. The roleholder is Chair of the Press and Assessment Board and attends meetings of the Council, the Finance Committee and the Property Board.

3. As the CFO was a new role with no precedent within the University, the Council agreed to set it up initially as a post rather than an office. More than six years on, there is now clear evidence that the University benefits greatly from the breadth of vision that the role provides. Over that period, the role of CFO has been instrumental in key initiatives for the University group, including the development of the ten-year model to improve understanding of the University’s overall financial position over the medium term, the enhanced management of the University’s non-operational estate through the Property Board, the merger to create Cambridge University Press & Assessment, and the shaping of discussions on the future of pension provision through USS.

4. If this Report’s recommendation is approved, the Council has agreed to appoint the current holder of the post of CFO, Mr Anthony Odgers, to the new office, to add the CFO to the list of approved signatories for contracts and those with authority to affix the University’s seal recorded in Regulations 6.4 and 7.1 of the Financial Regulations (reproduced in *Statutes and Ordinances*, p. 1057) and make other consequential changes (for example, to the terms of reference for the Remuneration Committee, which notes the role as a post). The existing unestablished role will be replaced with the office of CFO, therefore the proposal is cost-neutral.

**5. The Council recommends** that an office of Chief Financial Officer be established in the University, and the following new Ordinance be approved, for insertion in Chapter XI of Ordinances:

### CHIEF FINANCIAL OFFICER

Appointments and reappointments to the University office of Chief Financial Officer shall be made by the Council. The Chief Financial Officer is placed under the direction of the Council, with such duties as the Council shall determine from time to time.

12 July 2023

DEBORAH PRENTICE  
*Vice-Chancellor*

ZOE ADAMS

MADELEINE ATKINS

GAENOR BAGLEY

SAM CARLING

ANTHONY DAVENPORT

JOHN DIX

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SHARON PEACOCK

VAREESH PRATAP

PIPPA ROGERSON

JASON SCOTT-WARREN

ANDREW WATHEY

MICHAEL SEWELL

PIETER VAN HOUTEN

## GRACES

### Grace submitted to the Senate on 12 July 2023

The Council submits the following Grace to the Senate. This Grace, unless it is withdrawn or a ballot is requested in accordance with the regulations for Graces of the Senate (*Statutes and Ordinances*, p. 115), will be deemed to have been approved at **4 p.m. on Friday, 21 July 2023**.

1. That the recommendations in paragraph 6 of the Report of the Council, dated 6 June 2023, on the introduction of electronic voting in elections and other votes of the Senate (*Reporter*, 6703, 2022–23, p. 715) be approved.<sup>1</sup>

<sup>1</sup> See the Council’s Notice, p. 838.

## Graces submitted to the Regent House on 12 July 2023

The Council submits the following Graces to the Regent House. These Graces, unless they are withdrawn or a ballot is requested in accordance with the regulations for Graces of the Regent House (*Statutes and Ordinances*, p. 112), will be deemed to have been approved at **4 p.m. on Friday, 21 July 2023**. Further information on requests for a ballot or the amendment of Graces is available to members of the Regent House on the Regent House Petitions site.<sup>§</sup>

1. That the recommendations in paragraph 10 of the Joint Report of the Council and the General Board, dated 14 June 2023, on the allowance and exemption of terms for certain postgraduate research and postgraduate taught students (*Reporter*, 6704, 2022–23, p. 738) be approved.<sup>1</sup>
2. That the recommendations in paragraphs 7 and 8 of the Report of the General Board, dated 14 June 2023, on the outcomes of the Academic Career Pathways (Research & Teaching) and (Teaching & Scholarship) 2023 exercises (*Reporter*, 6704, 2022–23, p. 745) be approved.<sup>2</sup>

<sup>1</sup> See the Council's Notice, p. 839.

<sup>2</sup> See the Council's Notice, p. 840.

<sup>§</sup> See <https://www.governance.cam.ac.uk/governance/key-bodies/RH-Senate/Pages/RH-Petitions.aspx> for details.

## ACTA

### Approval of Graces submitted to the Regent House on 28 June 2023

The Graces submitted to the Regent House on 28 June 2023 (*Reporter*, 6706, 2022–23, p. 790) were approved at 4 p.m. on Friday, 7 July 2023.

### Congregation of the Regent House on 5 July 2023: Admission of the Vice-Chancellor

A Congregation of the Regent House was held at 4 p.m., called by the Proctors in accordance with Statute C III 1.

The bells of the University Church were rung and a procession from the Schools Arcade entered the Senate-House by the South Door. The Esquire Bedells with their maces preceded the Proctors, who were accompanied by the Registry and followed by the University Marshal with the Vice-Chancellor. Some music was performed by the Lucy Cavendish Singers, directed by Katharina Megli, of that College.

The Senior Proctor administered the prescribed oath to DEBORAH ANNE PRENTICE and pronounced her admission to the office of Vice-Chancellor before she received the insignia of office. The Registry invited Professor Prentice to sign a book of admission before presenting her to the Proctors to receive the degree of Master of Arts under the authority of Statute B II 2 and Grace 5 of 20 May 2023, conferral being pronounced by the Junior Proctor. Having assumed presidency from the Proctors and taken her seat in the throne-chair, the Congregation was dissolved.

The Vice-Chancellor then delivered an address to the University and after some more music, left in procession with the Officers. The text of the address was as follows:

Colleagues, students, friends,

Since arriving in Cambridge in early Spring the question I have been asked most often is: 'Why did you take this job?'

I have spent most of my professional life at Princeton, so the decision to move from the East Coast of the United States to the East of England was not one I took lightly. But to anyone who is passionate about the transformative power of good ideas, few things could be as exciting as an invitation to lead the university that has given birth to so many of them.

For those who, like me, have long observed the United Kingdom's higher education system from abroad, the University of Cambridge stands out as a beacon of global excellence in education and research. Its roll-call of Nobel laureates and prize winners, its steady flow of ground-breaking research, its gathered field of inventors and innovators, its list of distinguished alumni, all speak loudly of Cambridge's place in the world of discovery and scholarship.

Like most academics, I am a student at heart. For the past several months, since arriving in April, I have been in an immersive course of study on all things Cambridge. I have had inductions into the work of the Schools, the Colleges, the administrative offices, and Cambridge Press & Assessment. I have attended all the committees and boards I will chair and many others that I need to understand. I have had conversations with small groups of colleagues on issues of huge significance, including sustainability, and the fundamental importance of nurturing freedom of speech in our universities. I have met His Majesty the King, the Chancellor, and many other distinguished alumni. I have toured gardens, museums, libraries, and construction sites. I have learned my way around Cambridge well enough to transition my mode of travel from two feet to two wheels. Best of all, I have met a great many of the people – students, staff, and alumni – who make the collegiate University ecosystem such a wonderful place to study and work.

Among the conversations I have enjoyed most are the ones I had with four former Vice-Chancellors of the University: Lord Broers, Dame Alison Richard, Sir Leszek Borysiewicz and Professor Stephen Toope. Cambridge is fortunate to have the continued wisdom and support of this august group. The former Vice-Chancellors had wonderful things to say about their times in office, and I heard more than once that it is 'the best job in the world'.



My immediate predecessor, Dr Anthony Freeling, deserves special thanks. As Acting Vice-Chancellor, Anthony defined his role as facilitating the transition from Stephen Toope to me. In his introductory address to the University,<sup>1</sup> Anthony used the metaphor of a runner in a relay race, taking the baton from Stephen in October and passing it to me in July.

Anthony has done exactly this, with great skill, patience, and generosity. He has been the architect of my induction period and one of its principal agents, always willing to explain, answer questions and talk things through while simultaneously carrying out the responsibilities of the Vice-Chancellor at a very demanding time. I owe him a huge debt of gratitude.

Being in Cambridge, living and learning here for the past few months, has deepened my understanding of the significance of this institution, for scholarship and discovery certainly, and also for the world beyond the academy. The fact that King Charles chose Cambridge's Whittle Laboratory as the first place he visited after his coronation was a powerful indication that the UK and the wider world look to Cambridge experts and expertise for solutions to some of the weightiest problems – including how to make aviation more sustainable.

The world also looks to Cambridge for partnership. Nowhere is this more evident than on the Biomedical Campus, where an extraordinary partnership between the National Health Service and the University has created a thriving hub of research and outstanding clinical care that benefits the entire region. Current plans call for the Biomedical Campus to be the site of a new specialised hospital for the treatment of cancer and an innovative new children's hospital – the first children's hospital in the East of England – and one that offers an integrated approach to the treatment of physical and mental health.

Universities play a significant part in the economic development of their regions and the nation, and this is certainly true of the University of Cambridge. A recent study that sought to quantify this impact estimates that Cambridge's overall contribution to the UK economy is close to £30bn per year. The wider impact on the creation of jobs, wealth and wellbeing is immeasurable.

For Cambridge to continue to serve as an engine of progress and solutions to the world's toughest challenges, I want to focus on what this place does best: nurturing academic excellence. That is our bedrock, the wellspring of our success and our impact on the world. Of course, academic excellence does not emanate from the Vice-Chancellor's office. It lives in classrooms, study rooms, libraries, laboratories, museums, and indeed, dining halls, cafes, common rooms, at picnic tables, and on patches of lawn – anywhere members of this collegiate university come together in contemplation, conversation, and debate. I see my role as an enabler, supporting and creating environments in which our academics and students can be and do their best.

In my short time at Cambridge, I have had the opportunity to appreciate and celebrate the wonderful achievements of our students, staff, and alumni. I have also seen the real challenges facing our staff, including the spiralling cost of living. And, despite their celebrations on the Lawn right beside us in recent days, I have seen the challenges for our students, who after years of educational disruption beyond their control are now faced with the impacts of the marking and assessment boycott. I want to work with all of you to address these and other shared challenges and to ensure Cambridge's continued excellence.

One of the most rewarding aspects of the past few months has been meeting so many people who are actively engaged in moving Cambridge forward. Here, I would include the leadership of the Colleges, leaders of student bodies, generous donors, Heads of Schools, Faculties, Departments, and non-School institutions, Pro-Vice-Chancellors, professional services colleagues, and so many others who want to have a voice and make a difference in the life of this great university. They offer new ideas and opportunities for solving shared challenges and have shown a remarkable willingness to come together for the common good. Successful collaborations have enabled the University to meet its goals for broadening access, to make new academic appointments, and to strengthen support for student mental health. With their continued engagement, I am confident we can make progress on the challenges we are currently facing.

That enables me to look to the future with optimism. I know how much Cambridge already does for the city, for the region, for the country, and for the world through the people it educates and the discoveries it makes. I believe it can do even more. Because I cannot imagine an institution that is better equipped to contribute to society in real and meaningful ways. The ideas that change the world, the discoveries that upend conventional wisdom, the solutions to the world's most intractable problems – those happen at Cambridge. That, to answer the initial question, is why I took the job.

As I stand here before you, I am reminded by my formal cassock and the ceremony just completed, that I am taking responsibility for a very long and celebrated history of academic excellence. I am Cambridge's 347th Vice-Chancellor, a fact I find enormously humbling and, at the same time, clarifying. It highlights that I too am like a runner in a relay race, taking the baton from Anthony and passing it on, when my term is over, to the 348th Vice-Chancellor. My task then is to work with the extraordinary Cambridge community to ensure the health and wellbeing of this University and its inhabitants while I hold the baton and to continue to fortify the University's foundations so that the institution I bequeath to my successor is at least as strong as the one I am inheriting. That is a task I wholeheartedly embrace and to which I will devote myself with great passion and energy in the years to come.

Thank you.

<sup>1</sup> *Reporter*, 6670, 2022–23, p. 37.

**COLLEGE NOTICES****Elections***Darwin College*

Elected to an Official Fellowship under Title A from 12 June 2023:

Hong Ge, Ph.D., *DAR*

Elected to the Munby Visiting Fellowship in Bibliography for one year from 1 October 2023:

Sarah Pyke, Ph.D., *Roehampton*

*Newnham College*

Elected to a Bye-Fellowship in Category H from 1 July 2023:

Claire Benn, M.A., *CL*, M.Phil., Ph.D., *N*

*St Catharine's College*

Elected to an Official Fellowship with effect from 1 October 2023:

Doriane Zerka, Ph.D., *KCL*

Pablo Adolfo Olmos, Ph.D., *Yale*

**OTHER NOTICES****Notice by the University Bellingering**

On Wednesday, 5 July 2023 the following rang the bells of Great St Mary's, the University Church, prior to the admission of Professor Deborah Prentice as the new Vice-Chancellor:

Catriona C. Agg

Claire Y. Barlow

Alison L. Brooke

Greg P. H. Chu

Lesley H. M. Boyle

Gareth Davies

Lynne P. Hughes

Frank H. King

June Mackay

David C. W. Richards

John D. Sherwood

Jadd Virji

The ringing included touches of Stedman Cinques, Cambridge Royal and Grandsire Cinques.

In the evening of 5 July, to welcome the new Vice-Chancellor, members of the Cambridge University Guild of Change Ringers rang a quarter-peal on the new bells at St Clement's Church. This is the first occasion on which these bells have been rung to celebrate a University event.

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